

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077313.D
 Acq On : 12 Apr 2023 13:29
 Operator : JC\MD
 Sample : VN0412WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2023
 Supervised By : Semsettin Yesilyurt 04/13/2023

Quant Time: Apr 13 01:13:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	491802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	929503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	820556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	333692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	352074	52.379	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.760%			
35) Dibromofluoromethane	8.172	113	311800	52.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.800%			
50) Toluene-d8	10.572	98	1240681	51.794	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.580%			
62) 4-Bromofluorobenzene	12.854	95	390820	49.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	112239	17.881	ug/l	98
3) Chloromethane	2.372	50	130825	16.818	ug/l	98
4) Vinyl Chloride	2.525	62	185753	17.612	ug/l	98
5) Bromomethane	2.960	94	133797	17.499	ug/l	95
6) Chloroethane	3.131	64	121313	16.117	ug/l	98
7) Trichlorofluoromethane	3.502	101	182038	19.906	ug/l	99
8) Diethyl Ether	3.966	74	72726	18.978	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	109255	19.521	ug/l	98
10) Methyl Iodide	4.601	142	126901	18.644	ug/l	98
11) Tert butyl alcohol	5.531	59	116582	85.000	ug/l	99
12) 1,1-Dichloroethene	4.348	96	105162	18.254	ug/l	85
13) Acrolein	4.190	56	121116	93.238	ug/l	95
14) Allyl chloride	5.037	41	137753	15.831	ug/l	90
15) Acrylonitrile	5.731	53	266676	87.949	ug/l	99
16) Acetone	4.437	43	225921	91.160	ug/l	99
17) Carbon Disulfide	4.719	76	275351	17.724	ug/l	96
18) Methyl Acetate	5.037	43	170129	18.024	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	377186	18.451	ug/l	99
20) Methylene Chloride	5.284	84	123885	17.700	ug/l	99
21) trans-1,2-Dichloroethene	5.801	96	118007	18.708	ug/l	90
22) Diisopropyl ether	6.684	45	318868	18.279	ug/l	100
23) Vinyl Acetate	6.607	43	1059569m	89.832	ug/l	
24) 1,1-Dichloroethane	6.584	63	208883	18.543	ug/l	98
25) 2-Butanone	7.489	43	355655	88.423	ug/l	98
26) 2,2-Dichloropropane	7.501	77	200489	19.409	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	143686	18.653	ug/l	98
28) Bromochloromethane	7.819	49	91086	20.102	ug/l	96
29) Tetrahydrofuran	7.842	42	223977	86.626	ug/l	98
30) Chloroform	7.972	83	226090	18.821	ug/l	100
31) Cyclohexane	8.260	56	190995	18.287	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	205537	18.813	ug/l	98
36) 1,1-Dichloropropene	8.378	75	169005	19.204	ug/l	98
37) Ethyl Acetate	7.566	43	141375	17.955	ug/l	98
38) Carbon Tetrachloride	8.372	117	176059	19.526	ug/l	94
39) Methylcyclohexane	9.607	83	229272	19.320	ug/l	98
40) Benzene	8.613	78	516101	18.801	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	71799	16.964	ug/l	93
42) 1,2-Dichloroethane	8.678	62	163605	19.365	ug/l	98
43) Isopropyl Acetate	8.695	43	254669	17.528	ug/l	99
44) Trichloroethene	9.360	130	128375	19.545	ug/l	99
45) 1,2-Dichloropropane	9.625	63	126141	19.349	ug/l	94
46) Dibromomethane	9.713	93	94870	19.314	ug/l	99
47) Bromodichloromethane	9.895	83	184811	18.824	ug/l	99
48) Methyl methacrylate	9.689	41	112083	18.083	ug/l	99
49) 1,4-Dioxane	9.701	88	55757	371.044	ug/l	93
51) 4-Methyl-2-Pentanone	10.448	43	762119	90.746	ug/l	100
52) Toluene	10.636	92	346341	19.276	ug/l	98
53) t-1,3-Dichloropropene	10.842	75	203983	19.134	ug/l	92
54) cis-1,3-Dichloropropene	10.313	75	221563	19.511	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	138135	19.585	ug/l	97
56) Ethyl methacrylate	10.878	69	211496	19.252	ug/l	98
57) 1,3-Dichloropropane	11.166	76	226218	19.414	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	309649	94.688	ug/l	99
59) 2-Hexanone	11.201	43	571850	91.397	ug/l	98
60) Dibromochloromethane	11.360	129	145350	20.009	ug/l	99
61) 1,2-Dibromoethane	11.472	107	136448	19.382	ug/l	99
64) Tetrachloroethene	11.107	164	98255	19.383	ug/l	98
65) Chlorobenzene	11.895	112	364182	20.159	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	131151	19.187	ug/l	98
67) Ethyl Benzene	11.966	91	661548	19.845	ug/l	98
68) m/p-Xylenes	12.077	106	507588	38.751	ug/l	100
69) o-Xylene	12.401	106	260465	20.156	ug/l	100
70) Styrene	12.413	104	406592	19.553	ug/l	99
71) Bromoform	12.583	173	93384	19.408	ug/l #	98
73) Isopropylbenzene	12.701	105	655586	20.227	ug/l	100
74) N-amyl acetate	12.495	43	221423	18.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	201840	19.844	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	193483m	24.349	ug/l	
77) Bromobenzene	12.983	156	134610	20.426	ug/l	96
78) n-propylbenzene	13.042	91	721645	20.151	ug/l	100
79) 2-Chlorotoluene	13.130	91	429912	19.937	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	534953	20.665	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	74535	21.108	ug/l	87
82) 4-Chlorotoluene	13.224	91	415469	20.435	ug/l	100
83) tert-Butylbenzene	13.442	119	465080	20.184	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	512406	20.036	ug/l	100
85) sec-Butylbenzene	13.618	105	662936	20.644	ug/l	98
86) p-Isopropyltoluene	13.736	119	516730	20.474	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	244776	20.076	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	241797	20.110	ug/l	98
89) n-Butylbenzene	14.060	91	420017	20.047	ug/l	98
90) Hexachloroethane	14.336	117	111216	20.155	ug/l	95
91) 1,2-Dichlorobenzene	14.113	146	249571	20.462	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	35081	18.199	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	76522	17.379	ug/l	98
94) Hexachlorobutadiene	15.471	225	48676	19.098	ug/l	98
95) Naphthalene	15.589	128	281849	17.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	71180	16.901	ug/l	99

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Instrument :
MSVOA_N
ClientSampleId :
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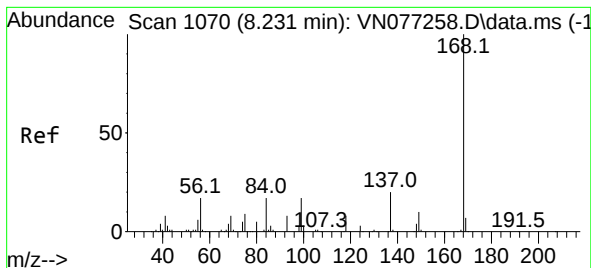
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 04/13/2023

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



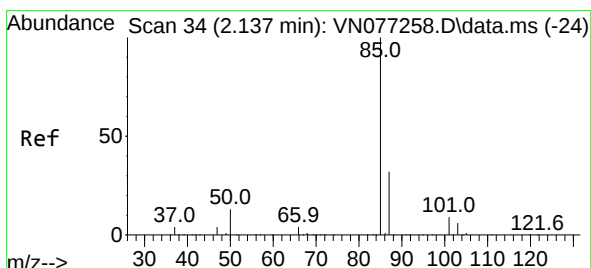
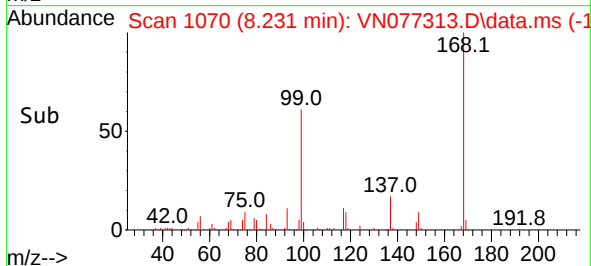
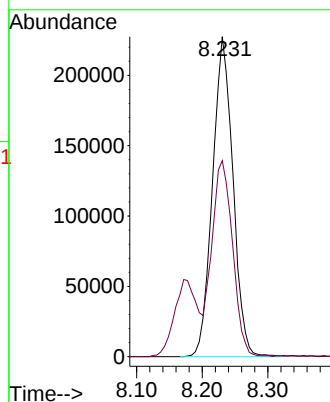
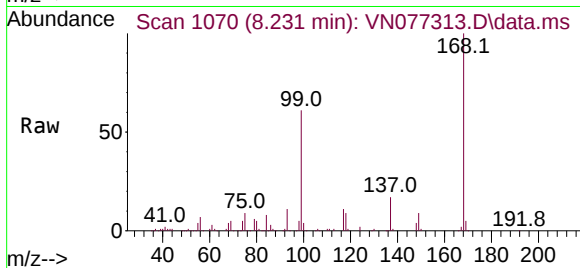
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion:168 Resp: 49180
Ion Ratio Lower Upper
168 100
99 61.0 50.6 75.8

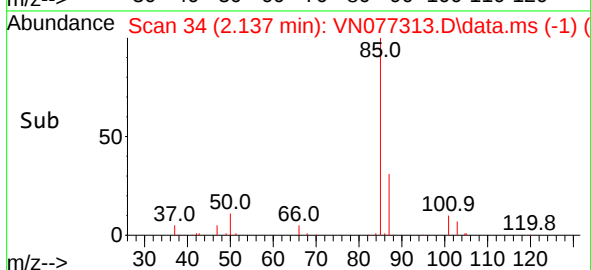
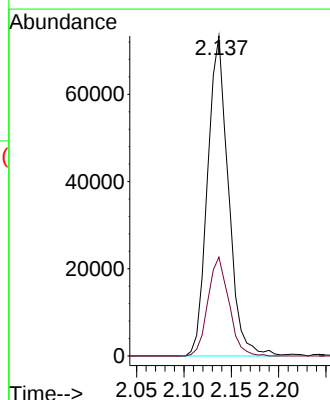
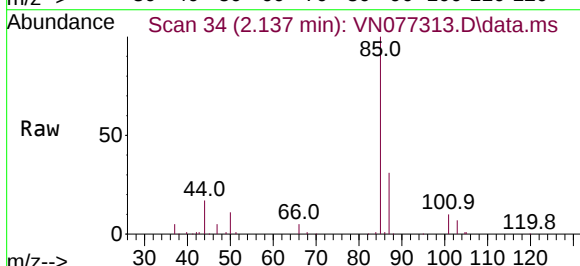
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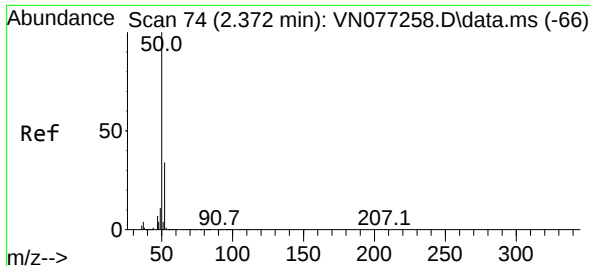
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#2
Dichlorodifluoromethane
Concen: 17.881 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Tgt Ion: 85 Resp: 112239
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.2





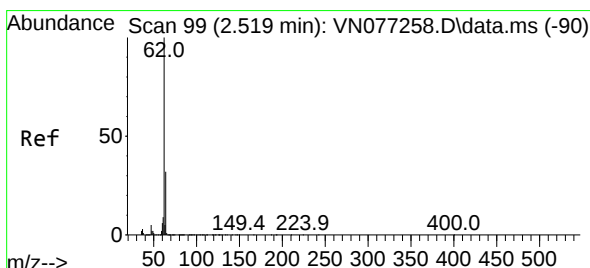
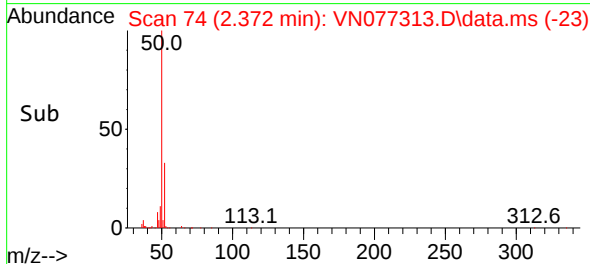
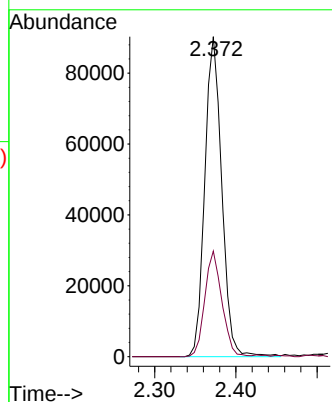
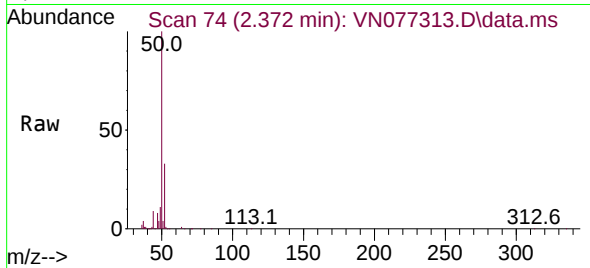
#3
Chloromethane
Concen: 16.818 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :
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ClientSampleId :
VN0412WBSD01

Tgt Ion: 50 Resp: 130825
Ion Ratio Lower Upper
50 100
52 33.0 27.3 40.9

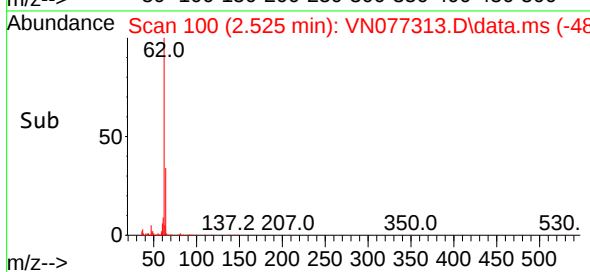
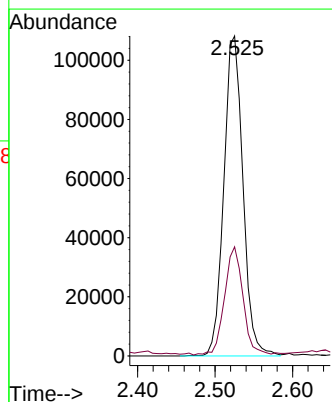
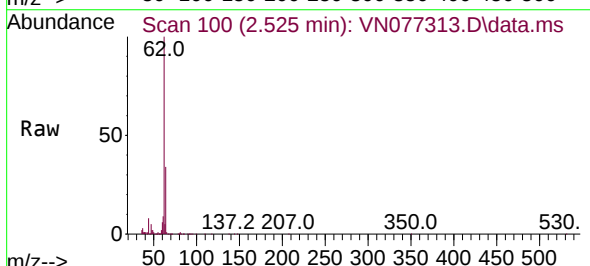
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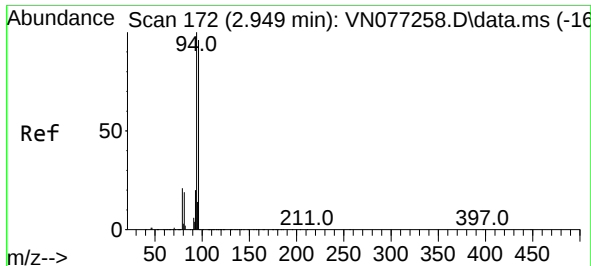
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#4
Vinyl Chloride
Concen: 17.612 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

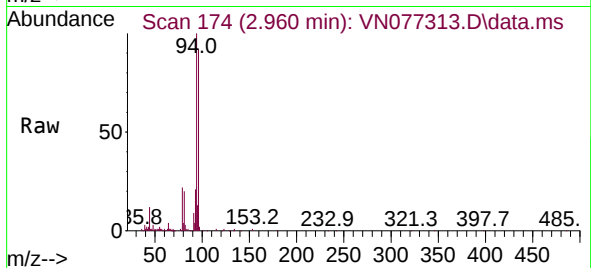
Tgt Ion: 62 Resp: 185753
Ion Ratio Lower Upper
62 100
64 33.5 25.8 38.8





#5
Bromomethane
Concen: 17.499 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

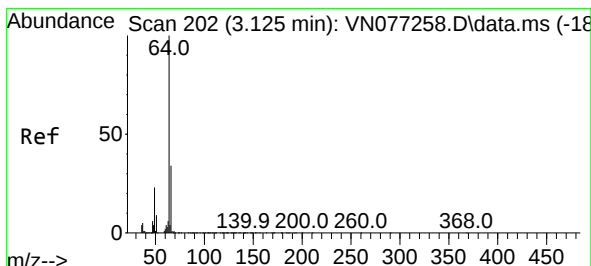
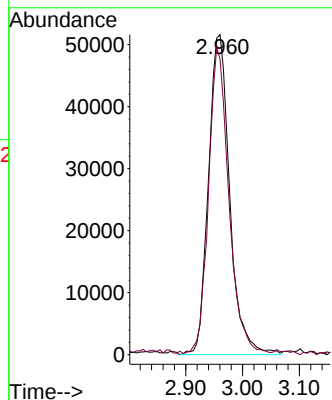
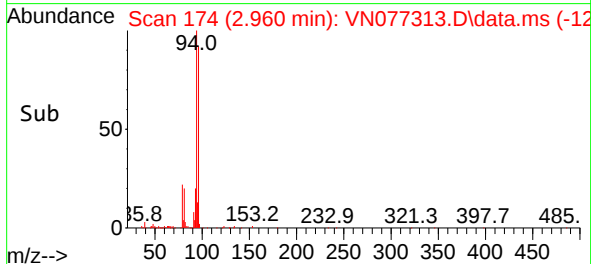
Instrument :
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Tgt Ion: 94 Resp: 13379
Ion Ratio Lower Upper
94 100
96 91.4 77.0 115.4

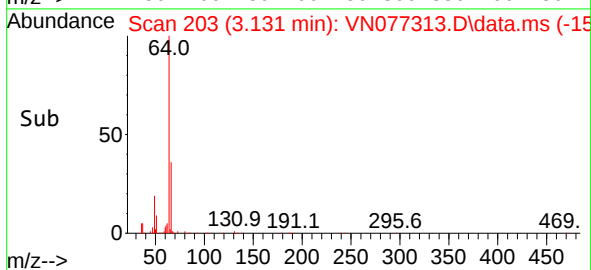
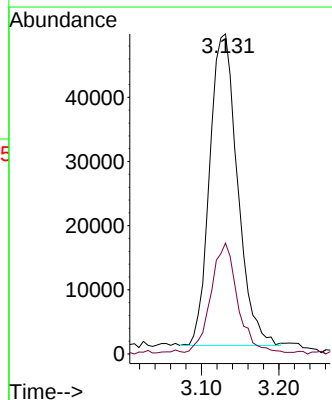
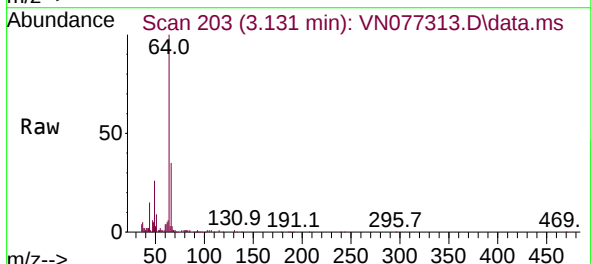
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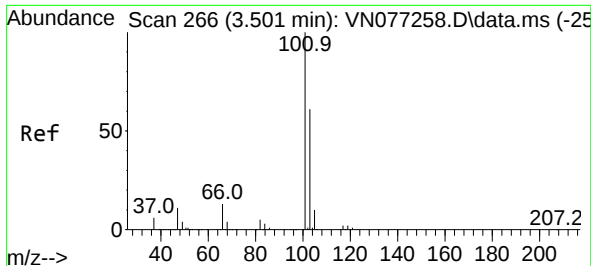
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#6
Chloroethane
Concen: 16.117 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
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Acq: 12 Apr 2023 13:29

Tgt Ion: 64 Resp: 121313
Ion Ratio Lower Upper
64 100
66 34.9 26.9 40.3





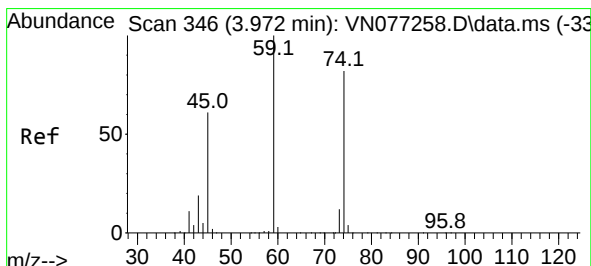
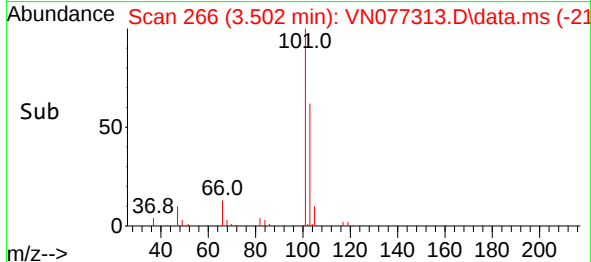
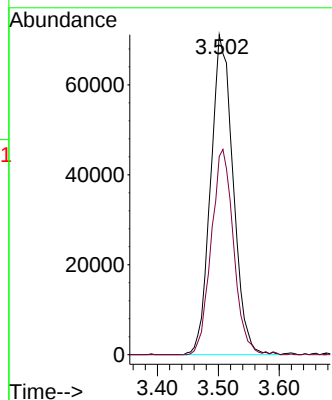
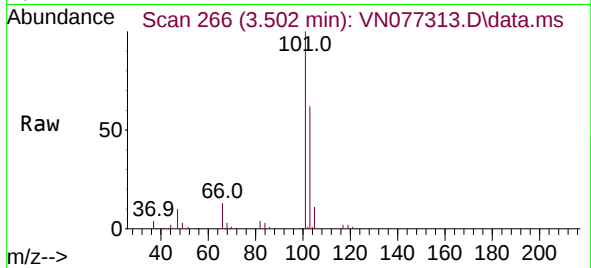
#7
Trichlorofluoromethane
Concen: 19.906 ug/l
RT: 3.502 min Scan# 20
Delta R.T. 0.001 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion:101 Resp: 182038
Ion Ratio Lower Upper
101 100
103 62.0 49.0 73.4

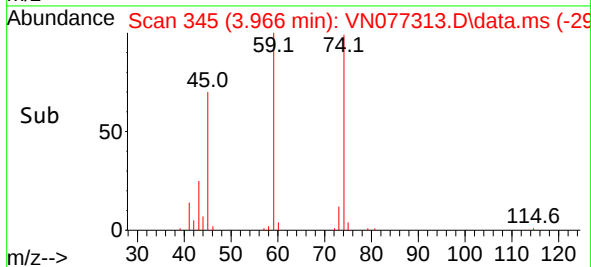
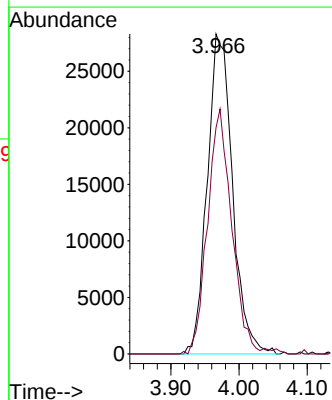
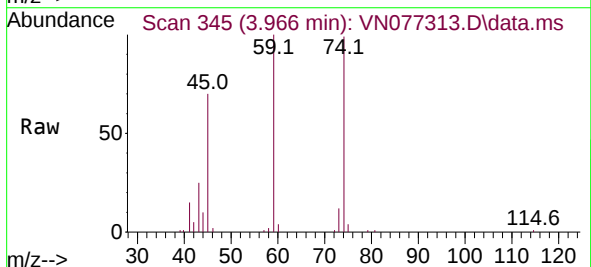
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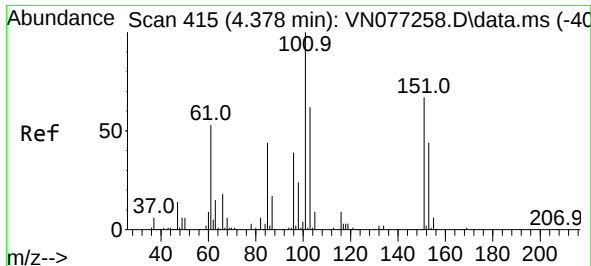
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#8
Diethyl Ether
Concen: 18.978 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Tgt Ion: 74 Resp: 72726
Ion Ratio Lower Upper
74 100
45 73.1 37.8 113.4





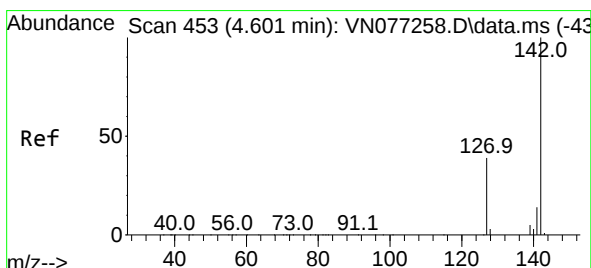
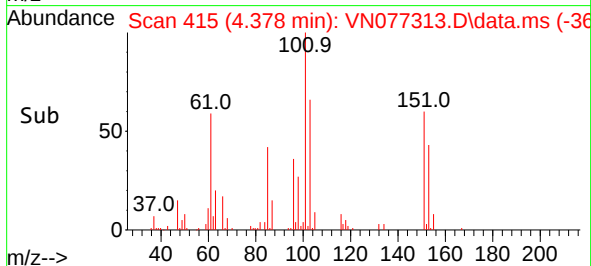
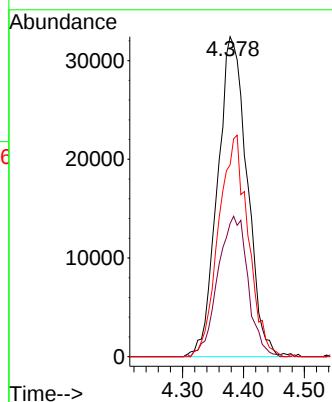
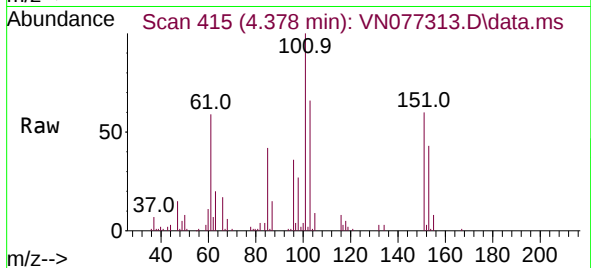
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.521 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :
MSVOA_N
Client Sample Id :
VN0412WBSD01

Tgt Ion:101 Resp: 10925
Ion Ratio Lower Upper
101 100
85 44.7 37.3 55.9
151 69.3 56.3 84.5

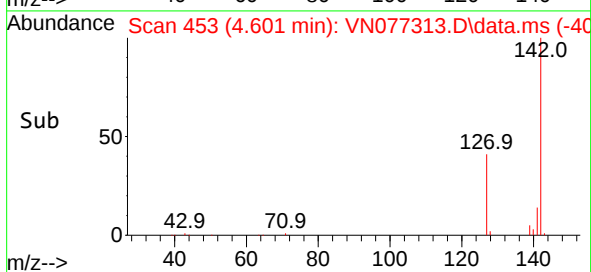
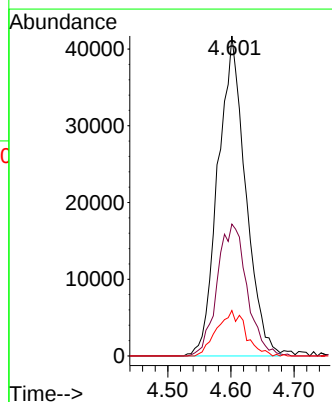
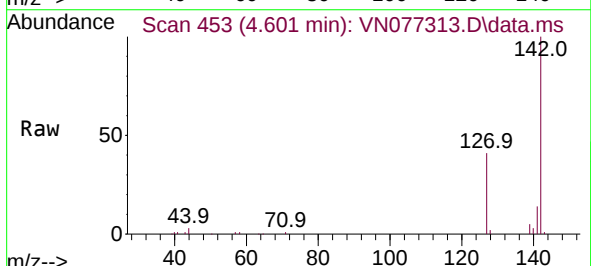
Manual Integrations
APPROVED

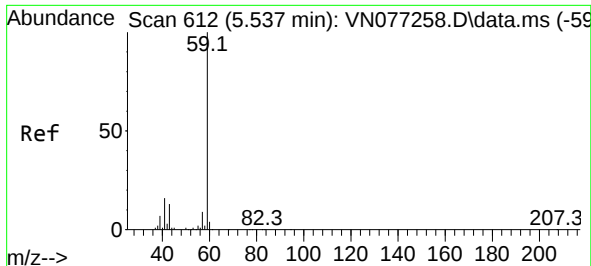
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#10
Methyl Iodide
Concen: 18.644 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

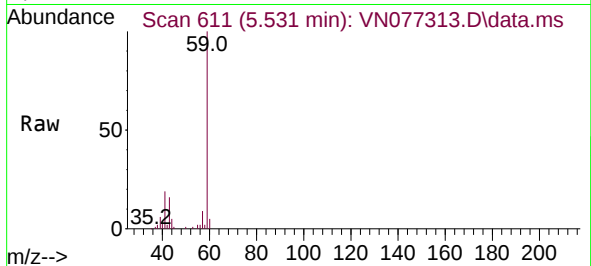
Tgt Ion:142 Resp: 126901
Ion Ratio Lower Upper
142 100
127 41.2 31.5 47.3
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 85.000 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

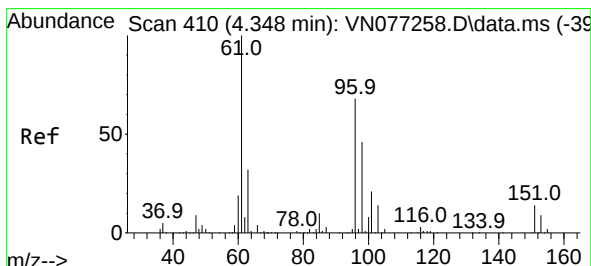
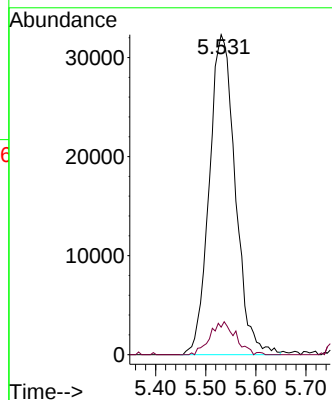
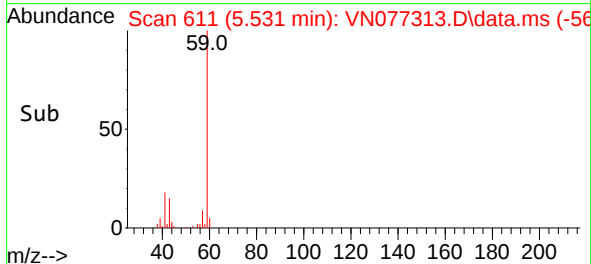
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



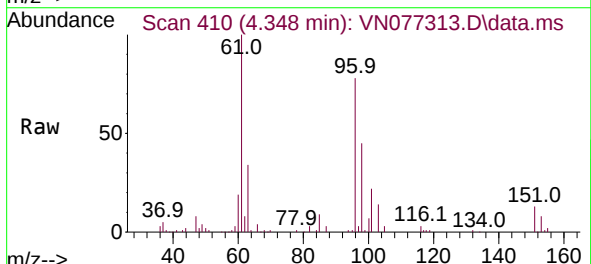
Tgt Ion: 59 Resp: 116582
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

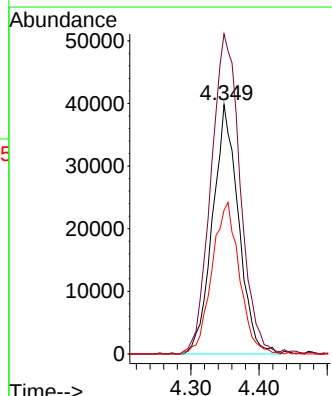
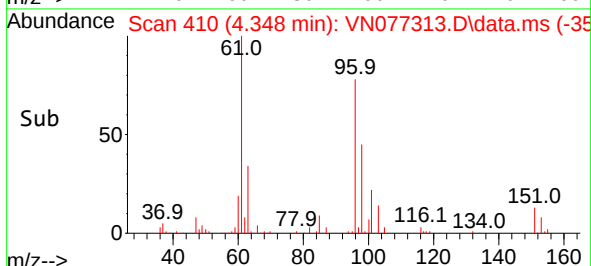
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

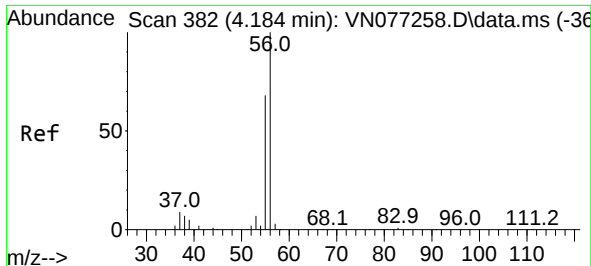


#12
1,1-Dichloroethene
Concen: 18.254 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



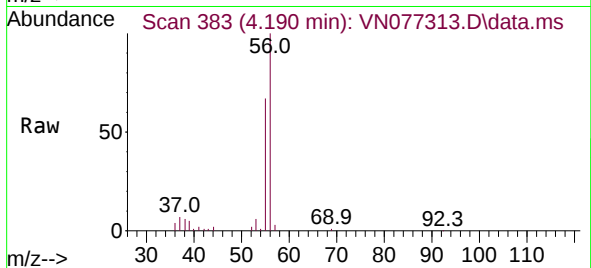
Tgt Ion: 96 Resp: 105162
Ion Ratio Lower Upper
96 100
61 128.4 118.3 177.5
98 57.7 54.5 81.7





#13
Acrolein
Concen: 93.238 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

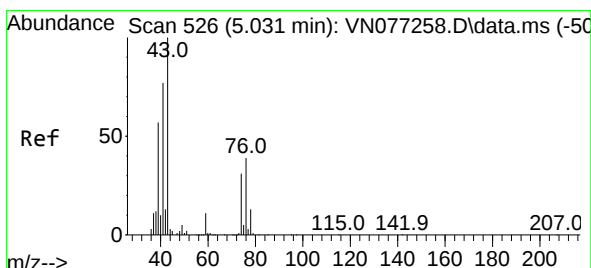
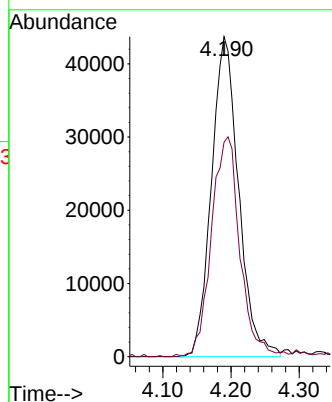
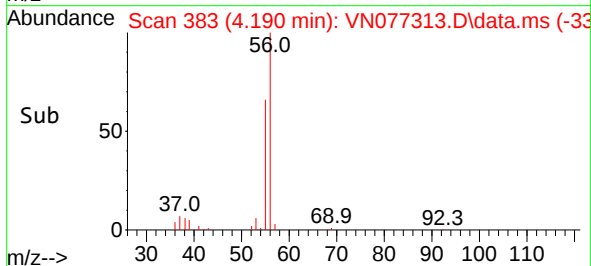
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 56 Resp: 121110
Ion Ratio Lower Upper
56 100
55 71.9 54.2 81.2

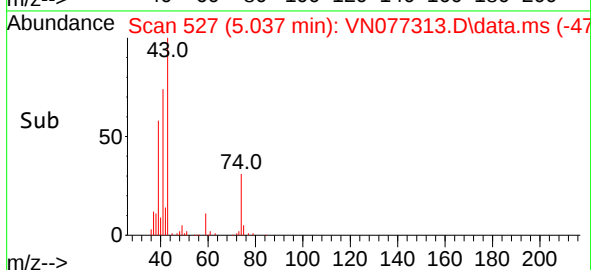
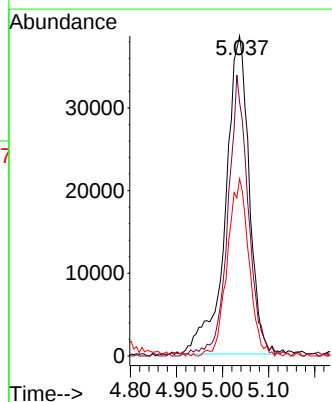
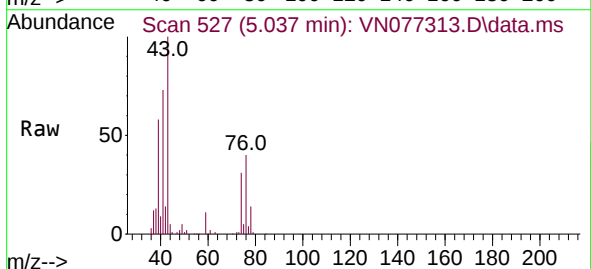
Manual Integrations
APPROVED

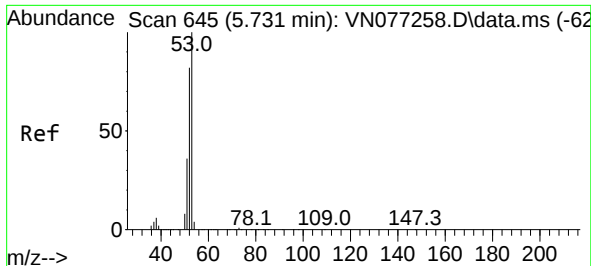
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#14
Allyl chloride
Concen: 15.831 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

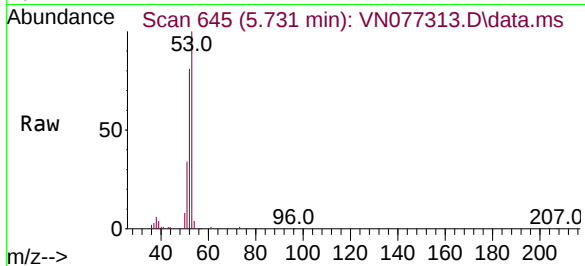
Tgt Ion: 41 Resp: 137753
Ion Ratio Lower Upper
41 100
39 76.3 55.0 82.4
76 50.6 35.4 53.2





#15
Acrylonitrile
Concen: 87.949 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

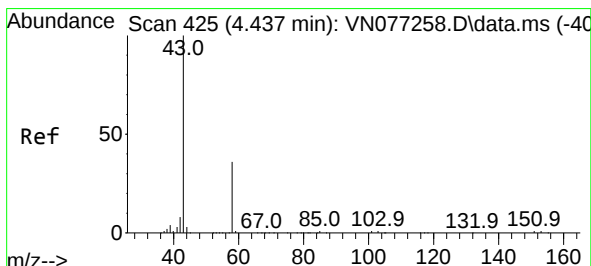
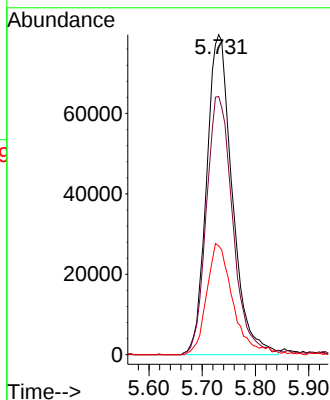
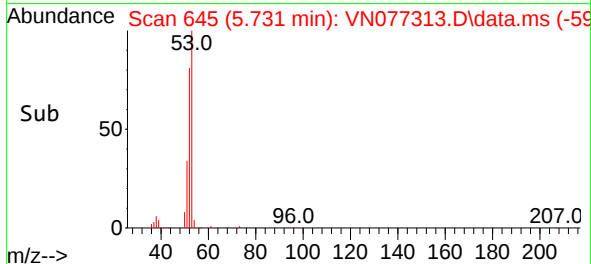
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



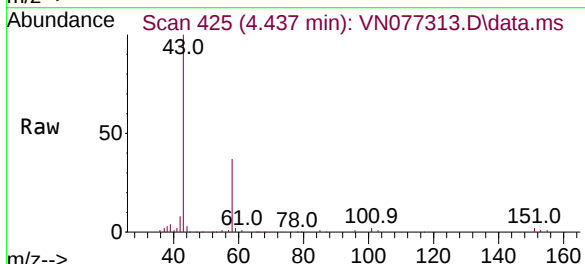
Tgt Ion: 53 Resp: 266670
Ion Ratio Lower Upper
53 100
52 82.9 65.2 97.8
51 35.5 28.1 42.1

Manual Integrations
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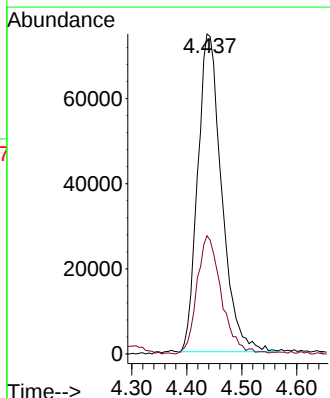
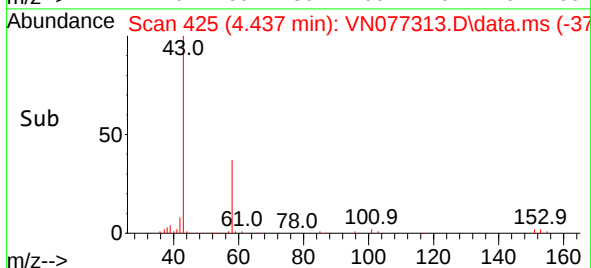
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

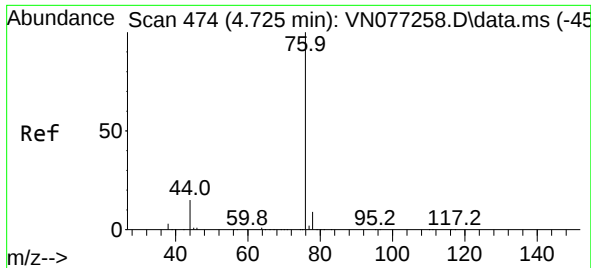


#16
Acetone
Concen: 91.160 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



Tgt Ion: 43 Resp: 225921
Ion Ratio Lower Upper
43 100
58 36.9 29.0 43.6





#17

Carbon Disulfide

Concen: 17.724 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.006 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBSD01

Tgt Ion: 76 Resp: 27535

Ion Ratio Lower Upper

76 100

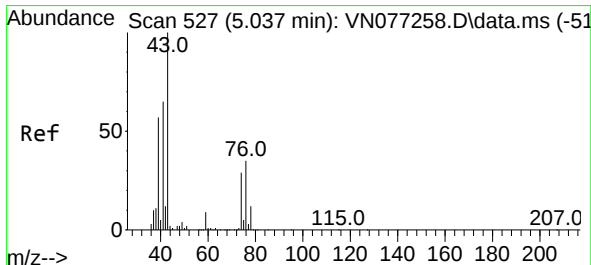
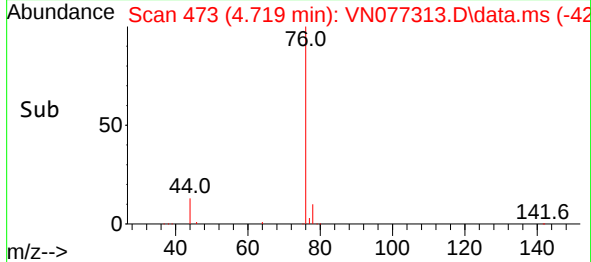
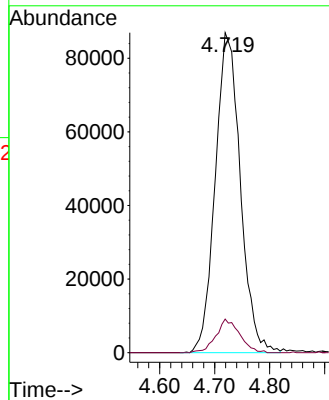
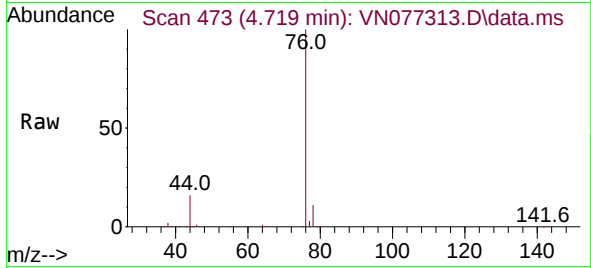
78 10.5 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#18

Methyl Acetate

Concen: 18.024 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN077313.D

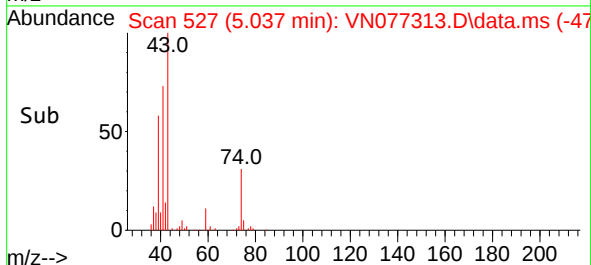
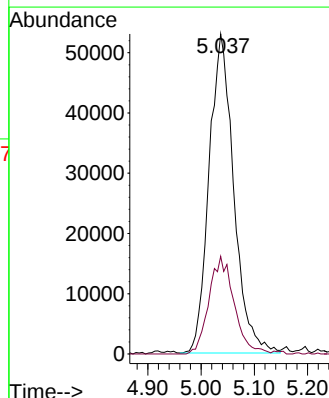
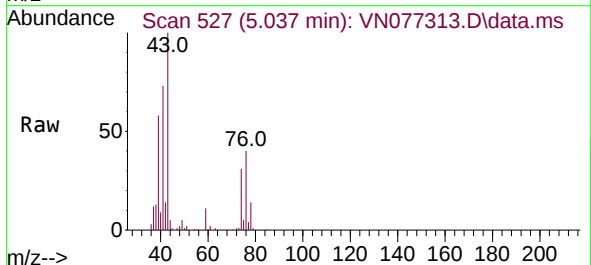
Acq: 12 Apr 2023 13:29

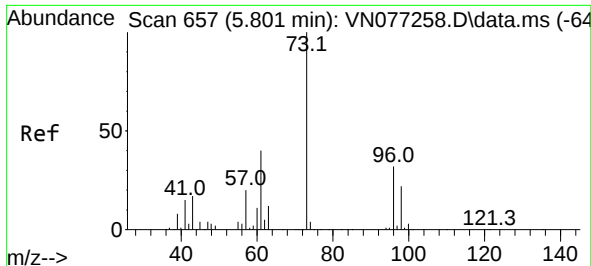
Tgt Ion: 43 Resp: 170129

Ion Ratio Lower Upper

43 100

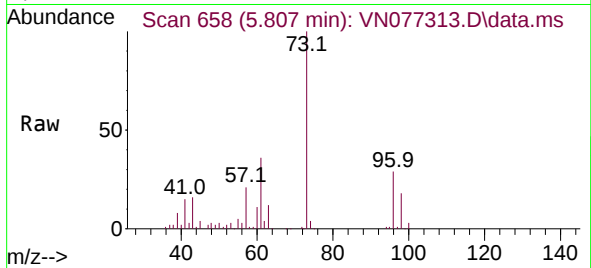
74 31.1 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 18.451 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

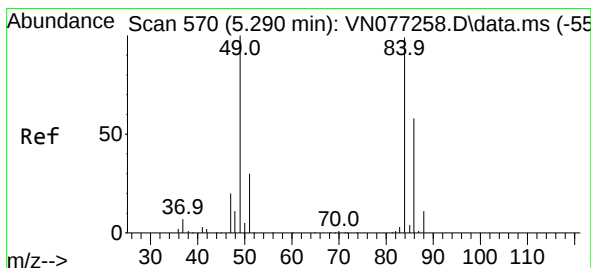
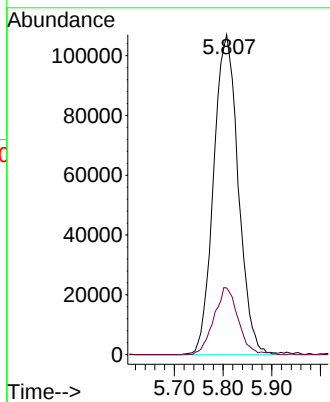
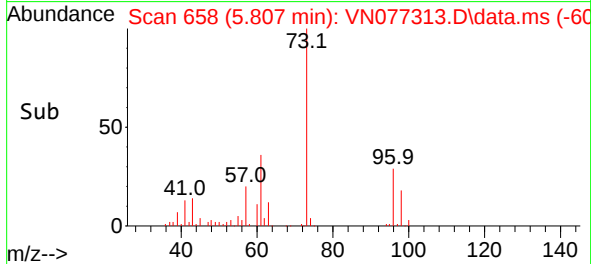
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 73 Resp: 377186
Ion Ratio Lower Upper
73 100
57 20.9 16.2 24.4

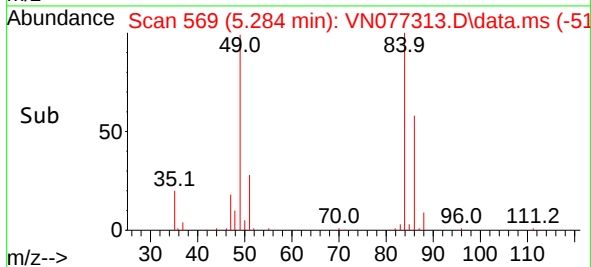
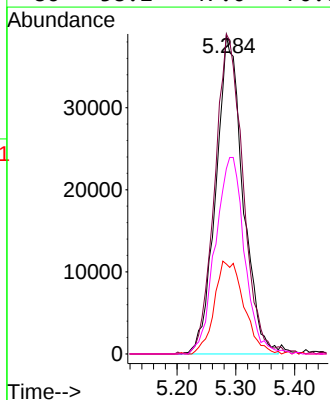
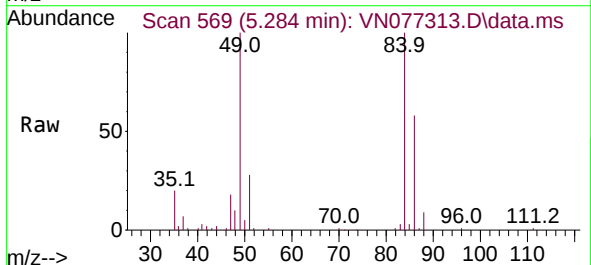
Manual Integrations
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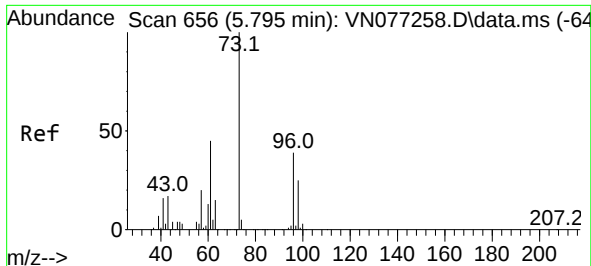
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#20
Methylene Chloride
Concen: 17.700 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

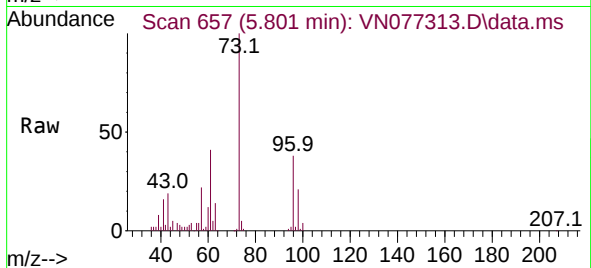
Tgt Ion: 84 Resp: 123885
Ion Ratio Lower Upper
84 100
49 99.8 80.6 121.0
51 28.2 24.4 36.6
86 58.2 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 18.708 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

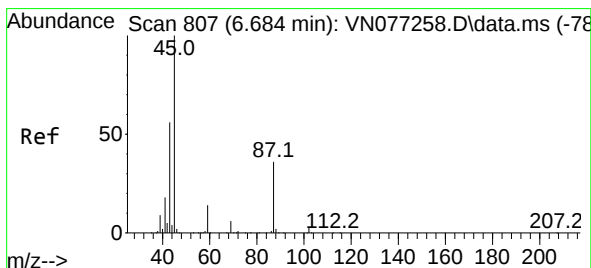
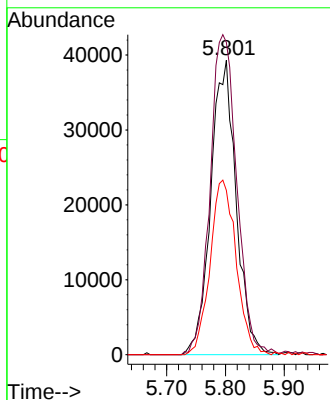
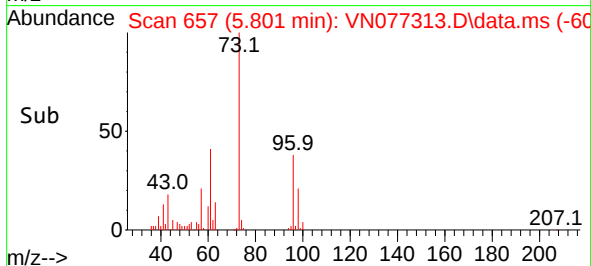
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 96 Resp: 11800
Ion Ratio Lower Upper
96 100
61 106.1 93.8 140.6
98 55.8 50.9 76.3

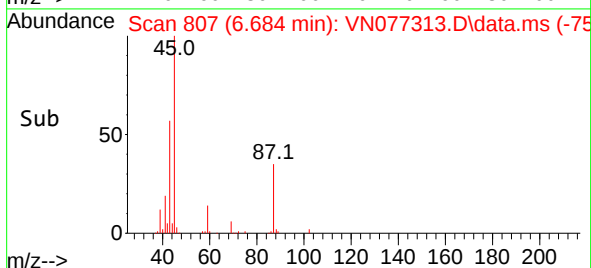
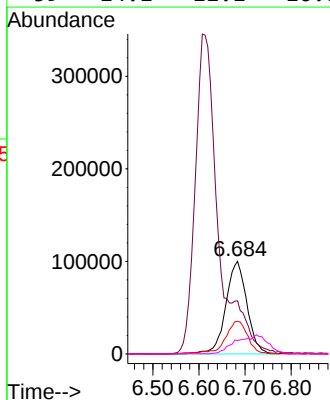
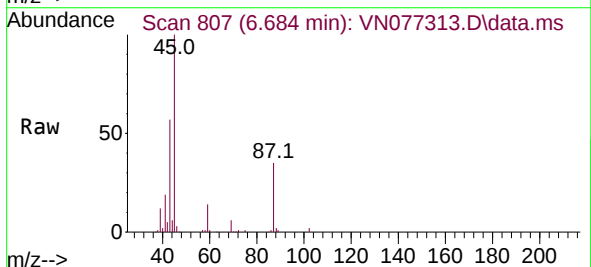
Manual Integrations
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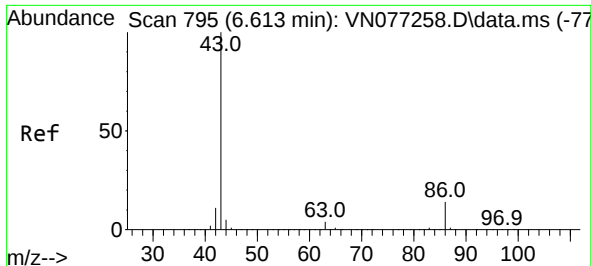
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#22
Diisopropyl ether
Concen: 18.279 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Tgt Ion: 45 Resp: 318868
Ion Ratio Lower Upper
45 100
43 55.7 44.6 66.8
87 35.2 28.4 42.6
59 14.1 11.1 16.7





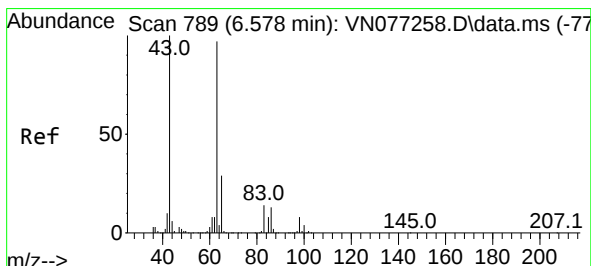
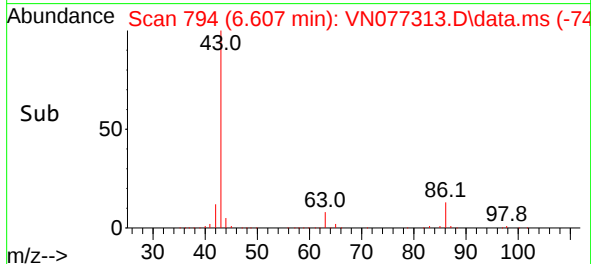
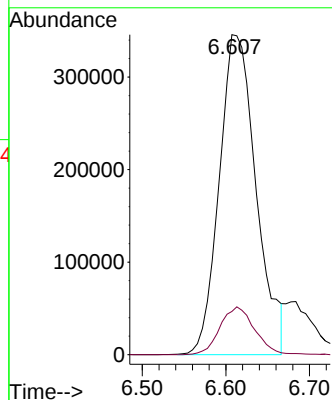
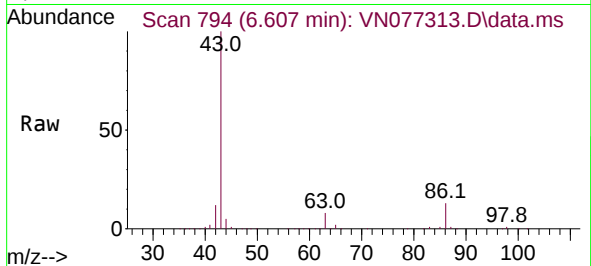
#23
 Vinyl Acetate
 Concen: 89.832 ug/l m
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077313.D
 Acq: 12 Apr 2023 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBSD01

Tgt Ion: 43 Resp: 105956
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.2 16.8

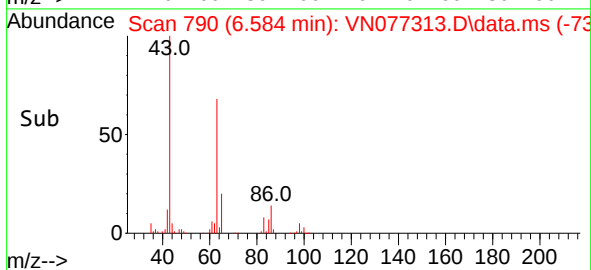
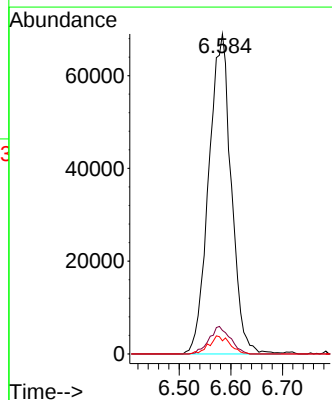
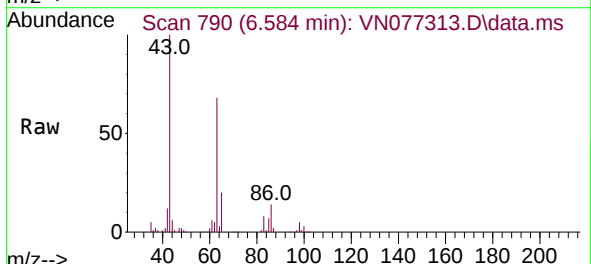
Manual Integrations
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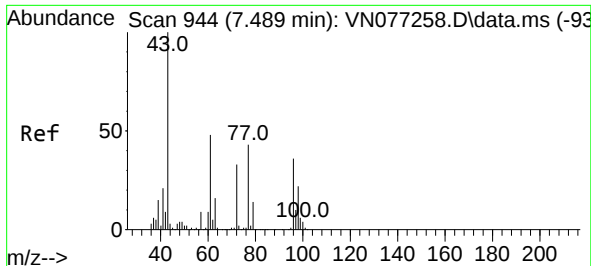
Reviewed By :John Carlone 04/13/2023
 Supervised By :Semsettin Yesilyurt 04/13/2023



#24
 1,1-Dichloroethane
 Concen: 18.543 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN077313.D
 Acq: 12 Apr 2023 13:29

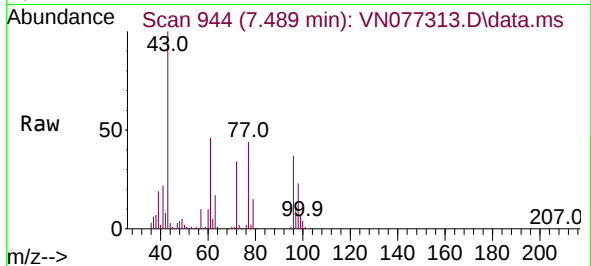
Tgt Ion: 63 Resp: 208883
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.0
 100 4.1 2.3 6.9





#25
2-Butanone
Concen: 88.423 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

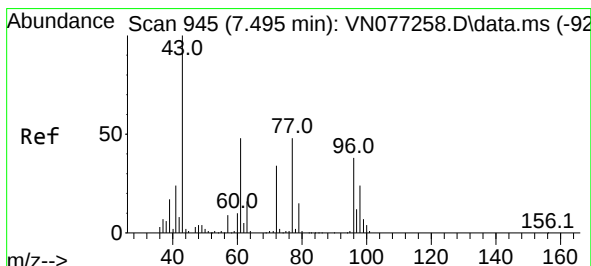
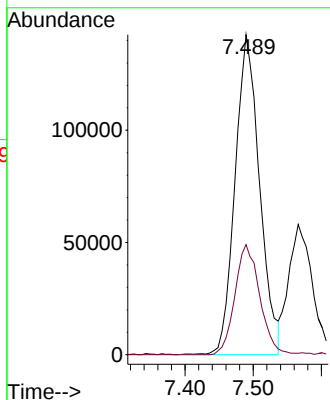
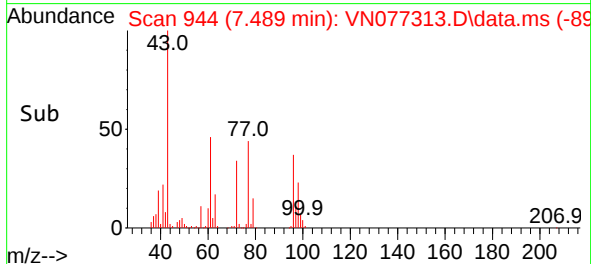
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



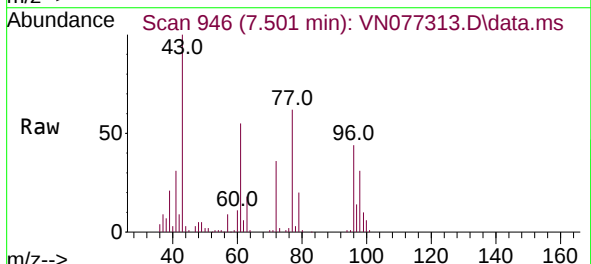
Tgt Ion: 43 Resp: 355658
Ion Ratio Lower Upper
43 100
72 34.4 26.6 39.8

Manual Integrations
APPROVED

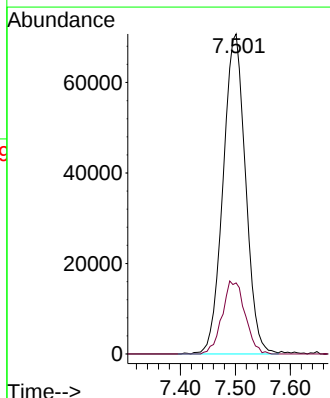
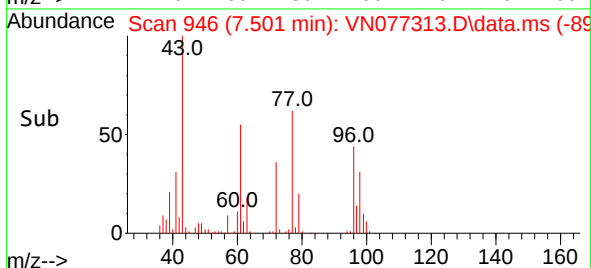
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

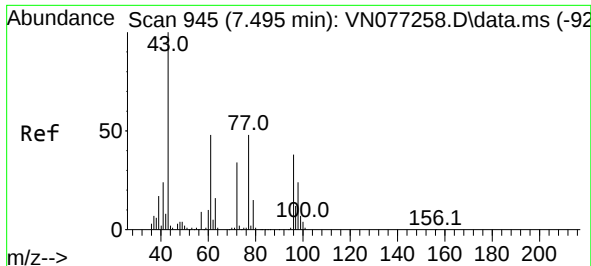


#26
2,2-Dichloropropane
Concen: 19.409 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



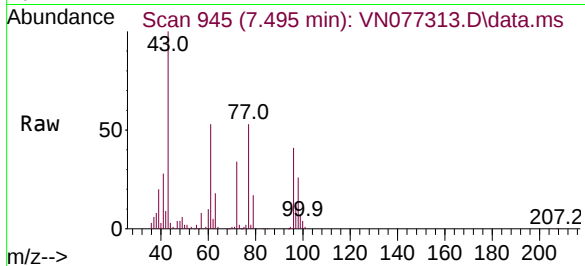
Tgt Ion: 77 Resp: 200489
Ion Ratio Lower Upper
77 100
97 23.2 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.653 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077313.D
 Acq: 12 Apr 2023 13:29

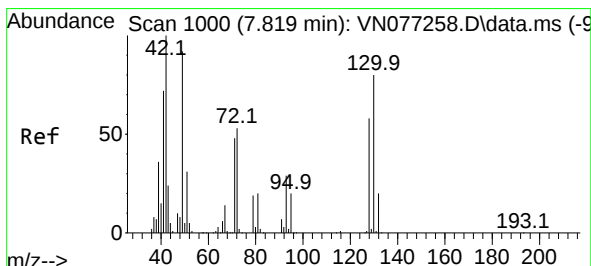
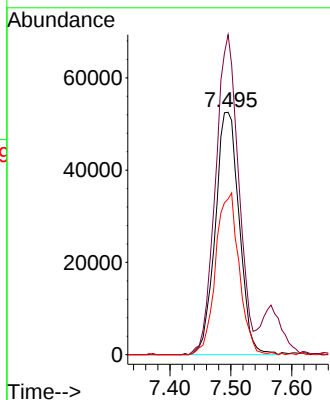
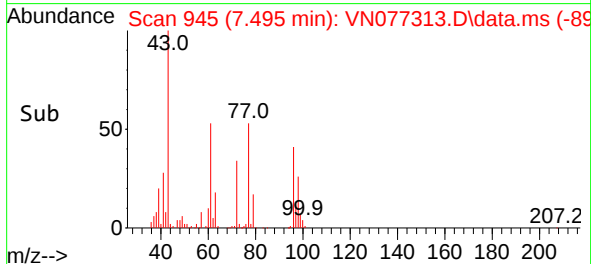
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBSD01



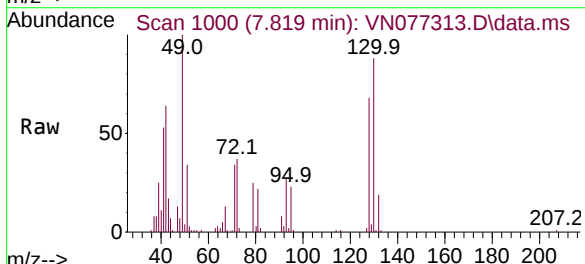
Tgt Ion: 96 Resp: 143680
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 261.0
 98 65.5 0.0 128.0

Manual Integrations
 APPROVED

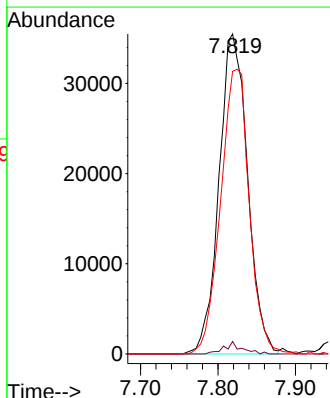
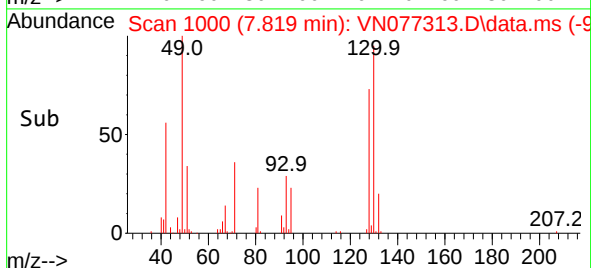
Reviewed By :John Carlone 04/13/2023
 Supervised By :Semsettin Yesilyurt 04/13/2023

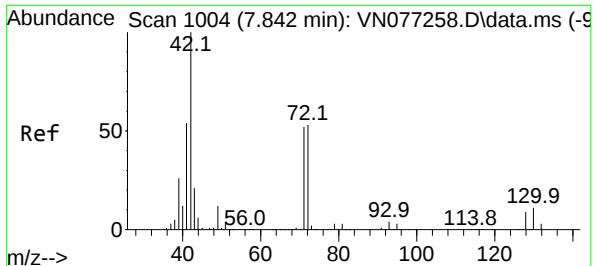


#28
 Bromochloromethane
 Concen: 20.102 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077313.D
 Acq: 12 Apr 2023 13:29



Tgt Ion: 49 Resp: 91086
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 89.5 68.4 102.6





#29

Tetrahydrofuran

Concen: 86.626 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077313.D

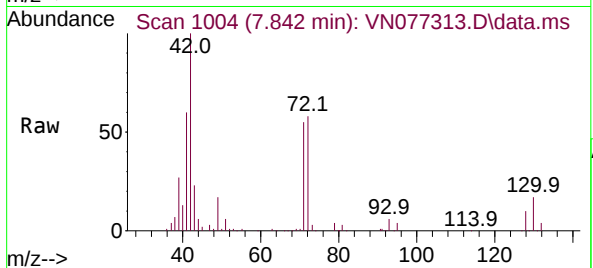
Acq: 12 Apr 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBSD01



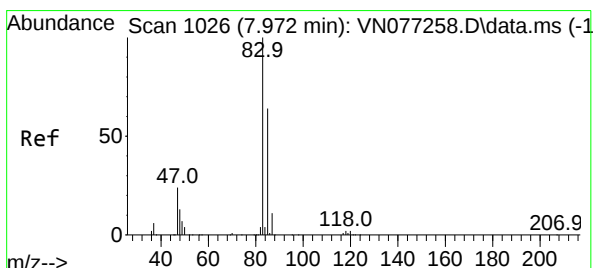
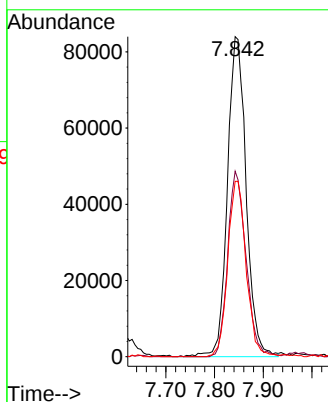
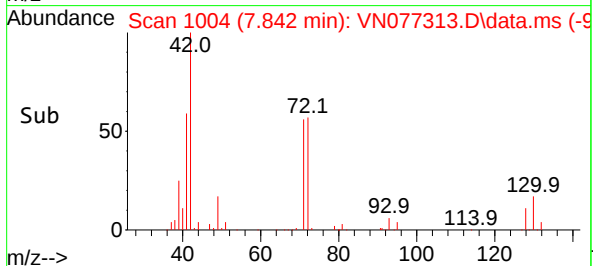
Tgt Ion:	42	Resp:	22397
Ion Ratio	100	Lower	Upper
42	100		
72	56.8	44.6	66.8
71	53.8	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#30

Chloroform

Concen: 18.821 ug/l

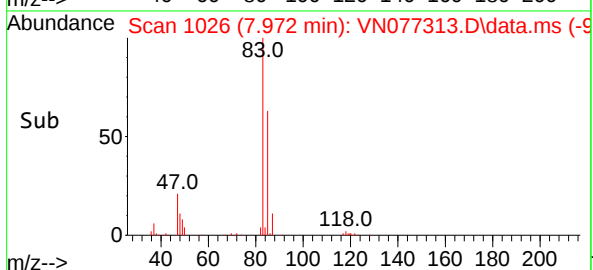
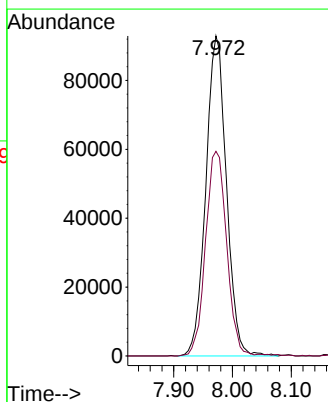
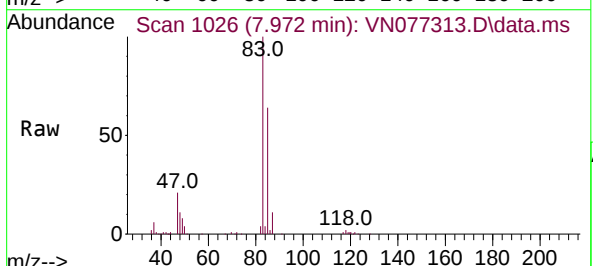
RT: 7.972 min Scan# 1026

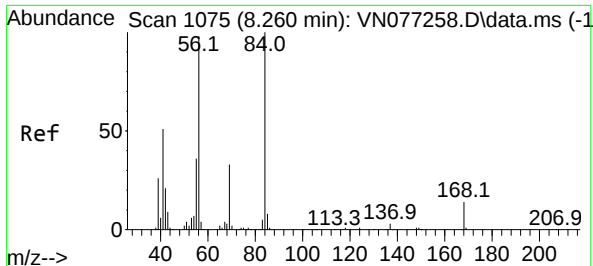
Delta R.T. -0.000 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

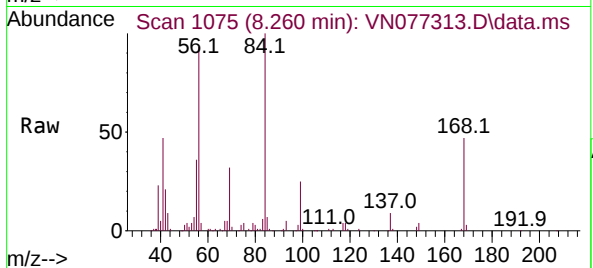
Tgt Ion:	83	Resp:	226090
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	50.9	76.3





#31
Cyclohexane
Concen: 18.287 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

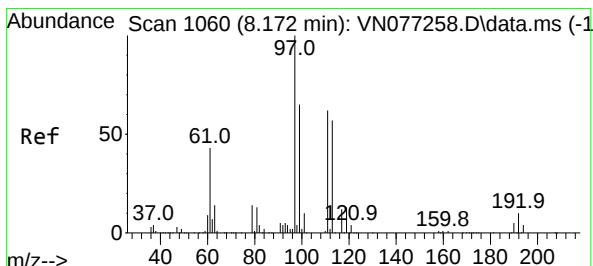
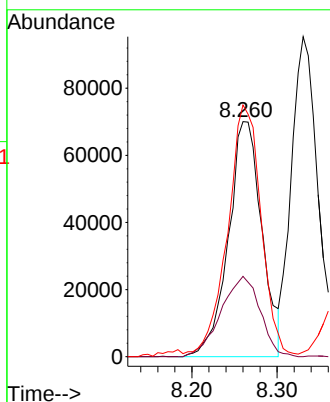
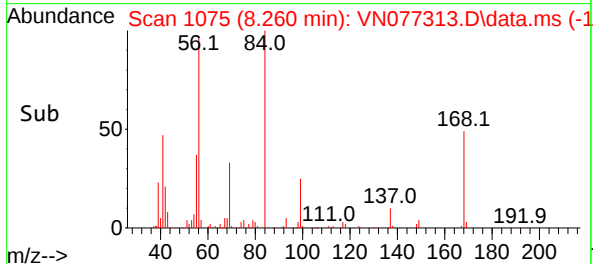
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



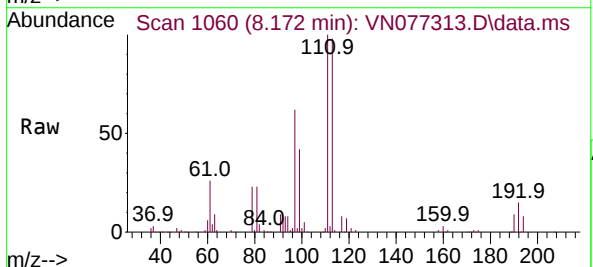
Tgt Ion: 56 Resp: 19099
Ion Ratio Lower Upper
56 100
69 34.2 26.6 40.0
84 104.1 81.8 122.8

Manual Integrations
APPROVED

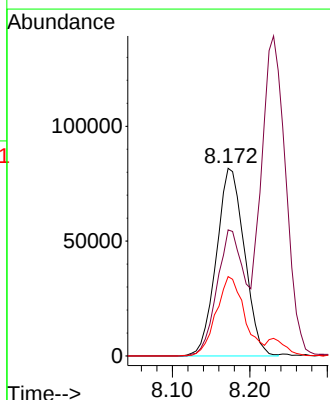
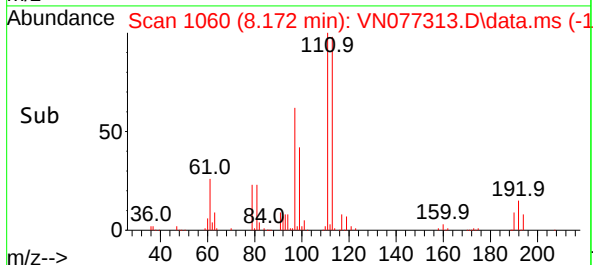
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

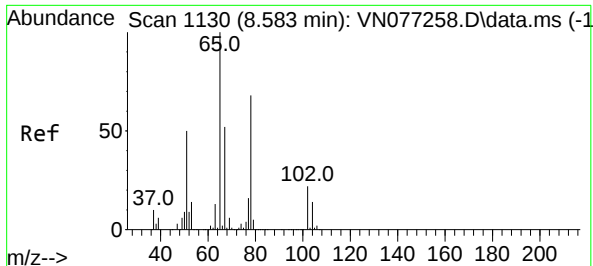


#32
1,1,1-Trichloroethane
Concen: 18.813 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



Tgt Ion: 97 Resp: 205537
Ion Ratio Lower Upper
97 100
99 66.3 54.2 81.4
61 43.1 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 52.379 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBSD01

Tgt Ion: 65 Resp: 352074

Ion Ratio Lower Upper

65 100

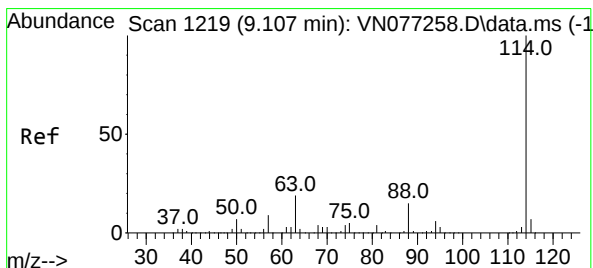
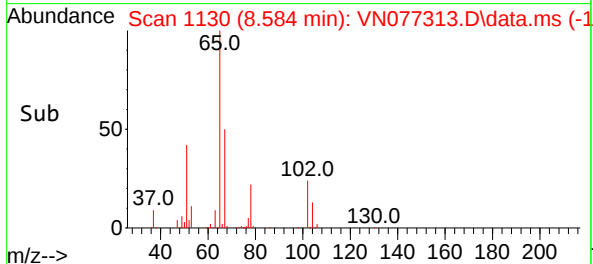
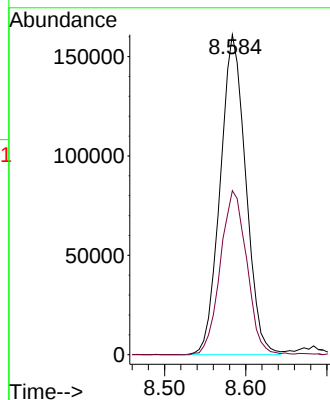
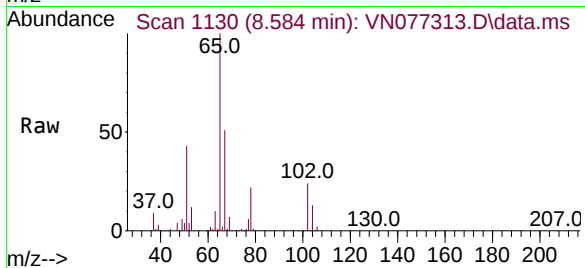
67 53.1 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

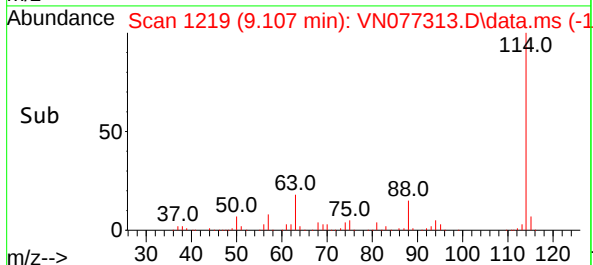
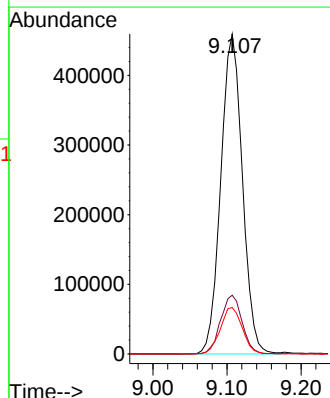
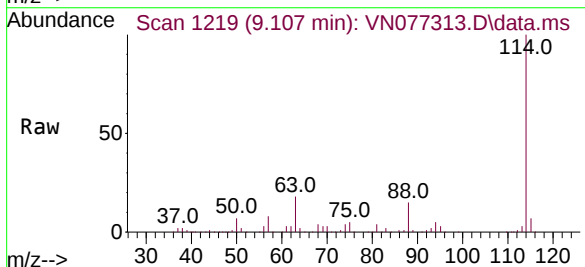
Tgt Ion:114 Resp: 929503

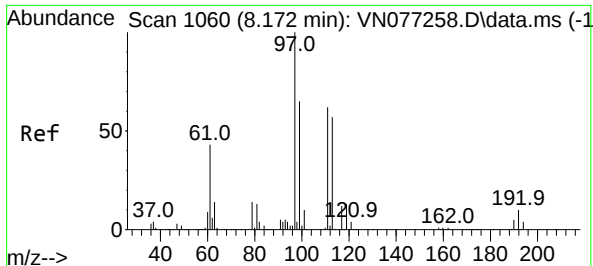
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

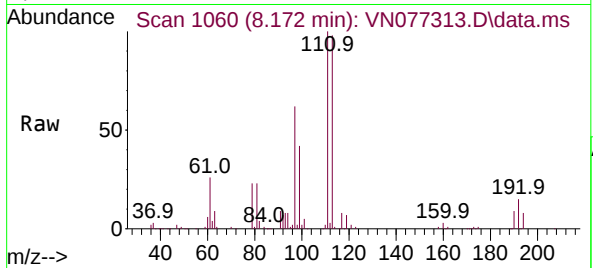
88 14.5 0.0 29.4





#35
Dibromofluoromethane
Concen: 52.400 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

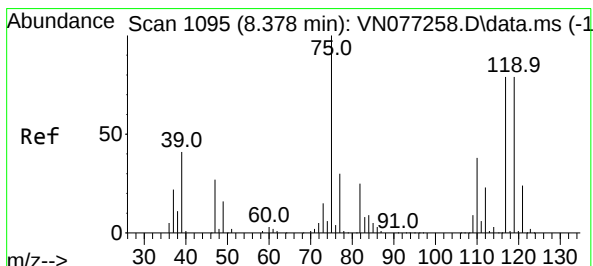
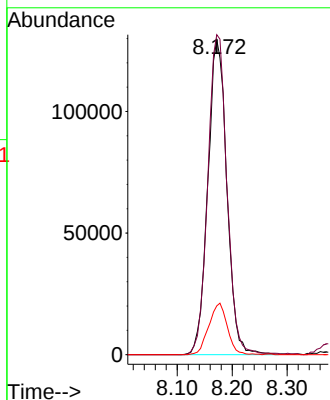
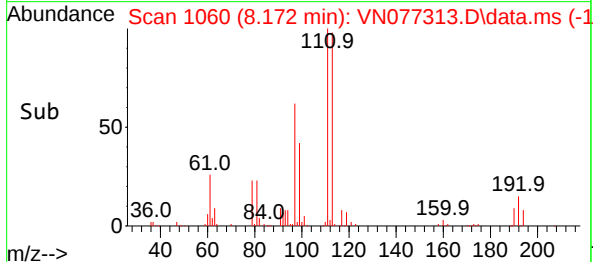
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 113 Resp: 311800
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.0
192 15.9 13.5 20.3

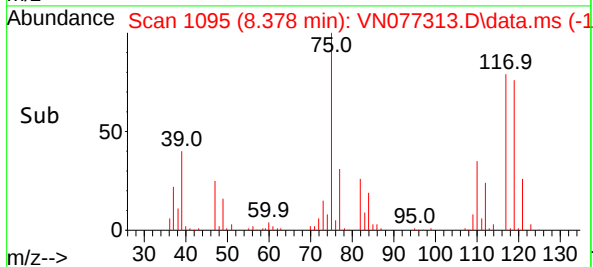
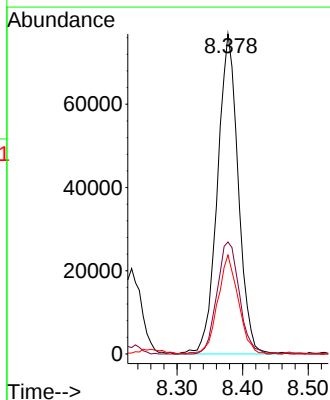
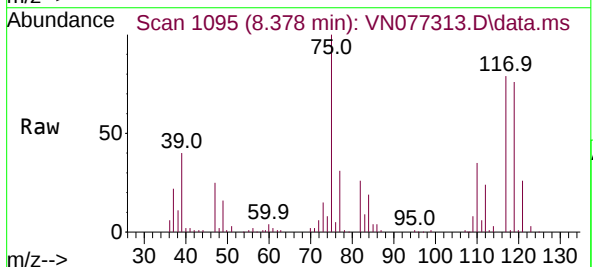
Manual Integrations
APPROVED

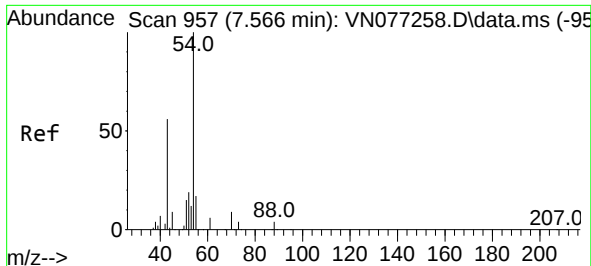
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#36
1,1-Dichloropropene
Concen: 19.204 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

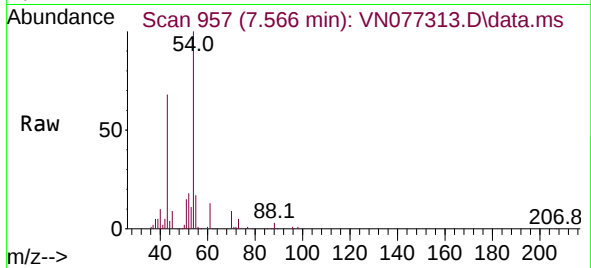
Tgt Ion: 75 Resp: 169005
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.5
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 17.955 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

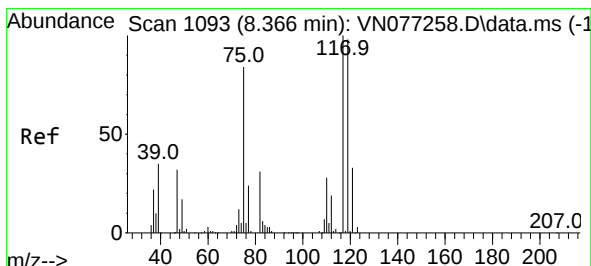
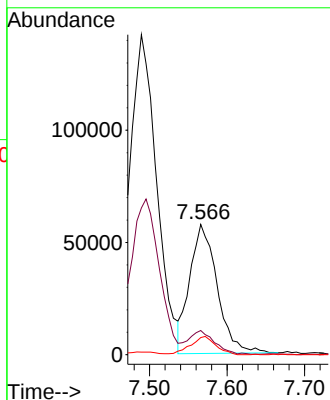
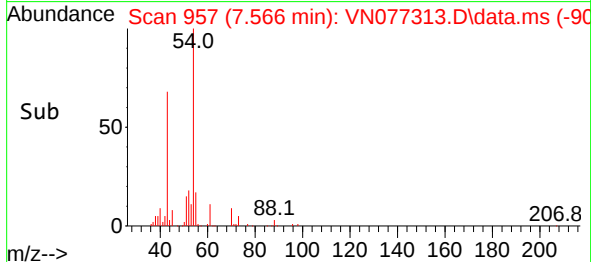
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 43 Resp: 141375
Ion Ratio Lower Upper
43 100
61 16.6 12.2 18.2
70 13.0 10.0 15.0

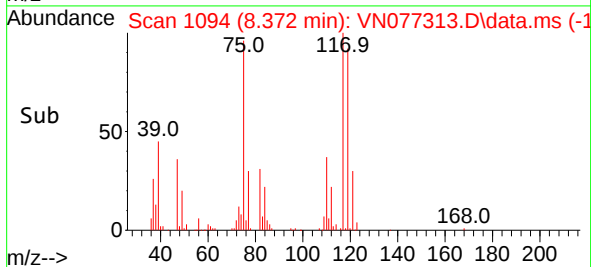
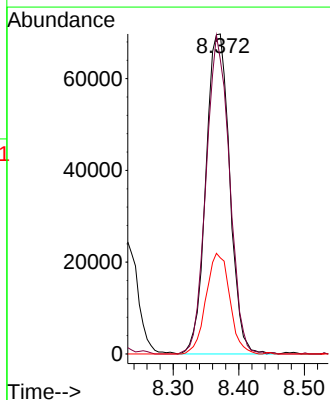
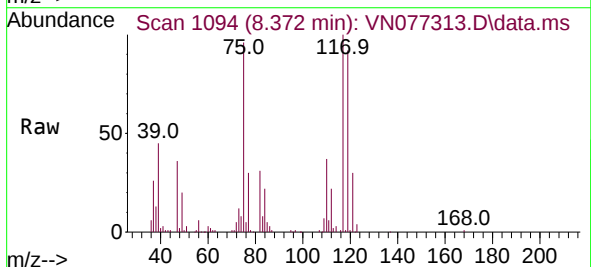
Manual Integrations
APPROVED

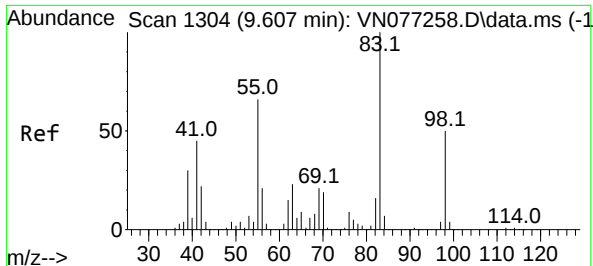
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#38
Carbon Tetrachloride
Concen: 19.526 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Tgt Ion:117 Resp: 176059
Ion Ratio Lower Upper
117 100
119 92.0 78.5 117.7
121 30.1 26.6 40.0





#39

Methylcyclohexane

Concen: 19.320 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBSD01

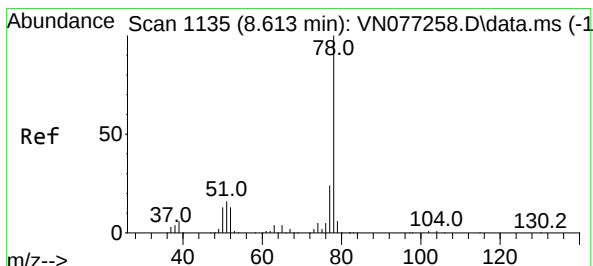
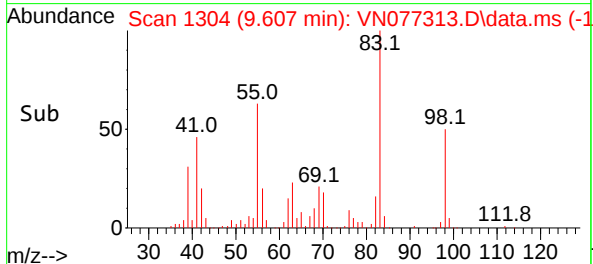
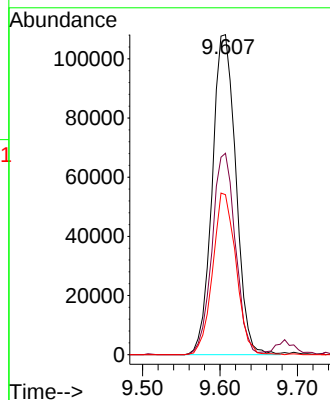
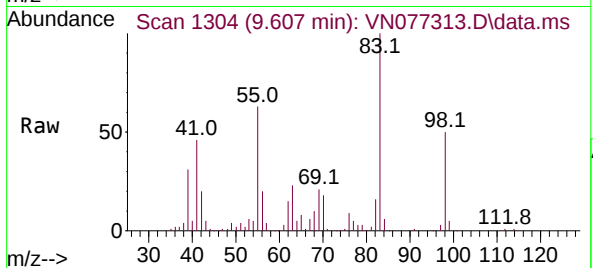
Tgt Ion:	83	Resp:	22927
Ion Ratio	Lower	Upper	
83	100		
55	63.0	52.4	78.6
98	50.0	39.8	59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#40

Benzene

Concen: 18.801 ug/l

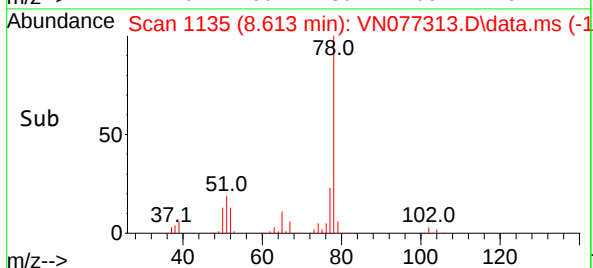
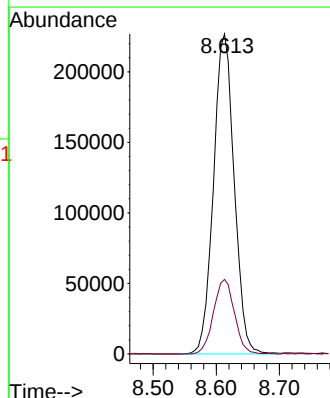
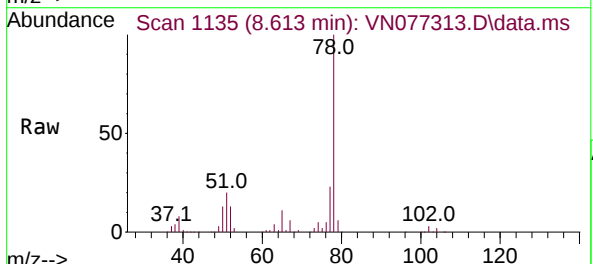
RT: 8.613 min Scan# 1135

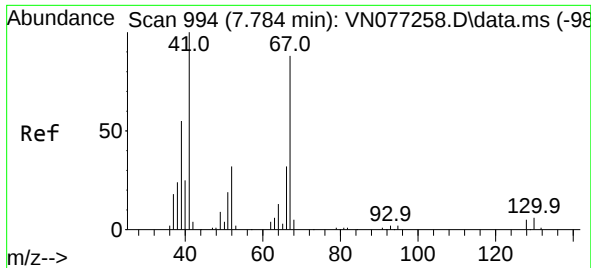
Delta R.T. -0.000 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

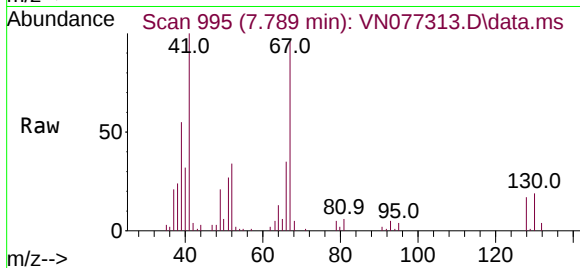
Tgt Ion:	78	Resp:	516101
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.5	29.3





#41
Methacrylonitrile
Concen: 16.964 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

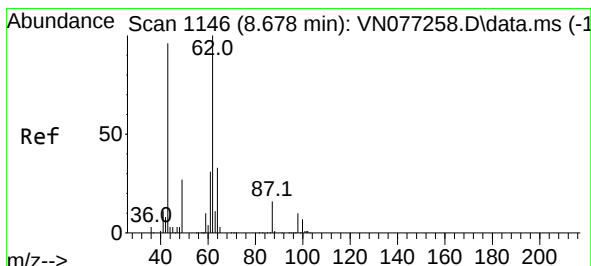
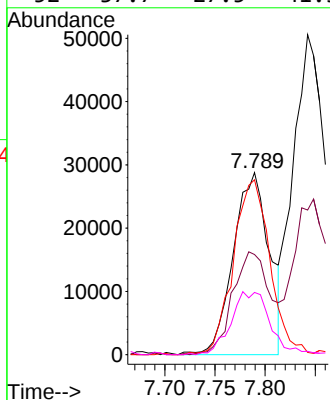
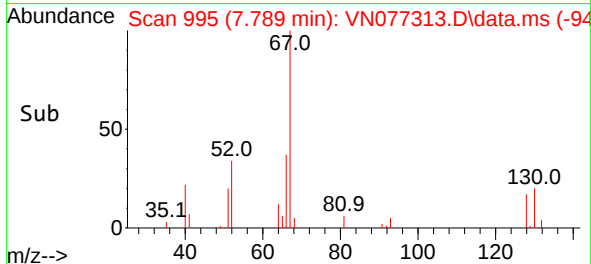
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 41 Resp: 71799
Ion Ratio Lower Upper
41 100
39 58.0 44.1 66.1
67 98.2 71.4 107.2
52 37.7 27.5 41.3

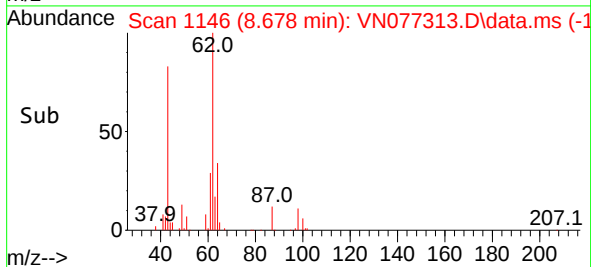
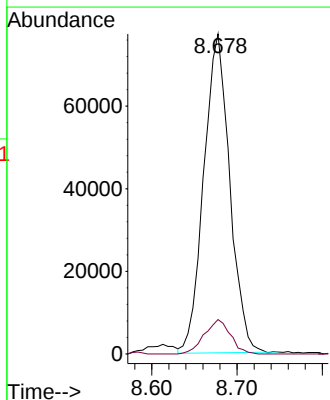
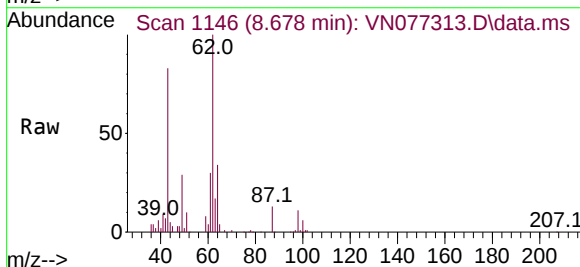
Manual Integrations
APPROVED

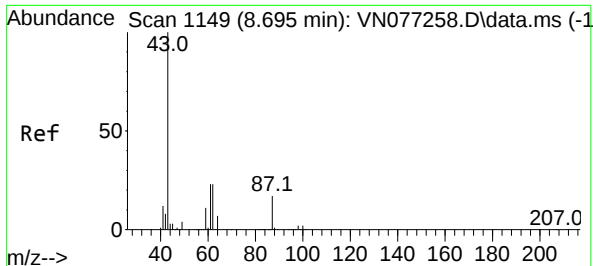
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#42
1,2-Dichloroethane
Concen: 19.365 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

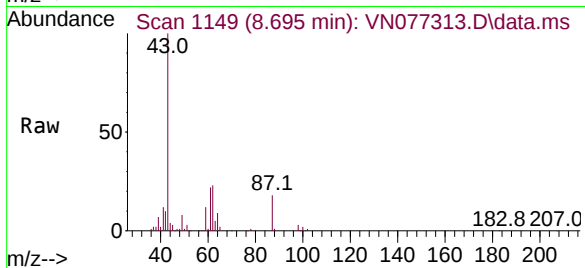
Tgt Ion: 62 Resp: 163605
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 17.528 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

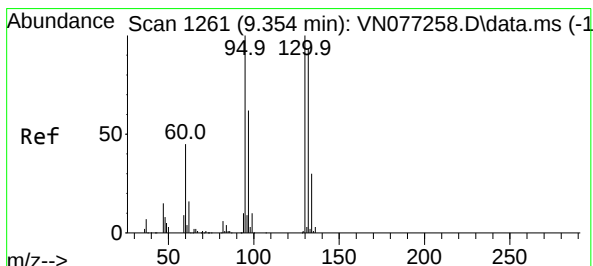
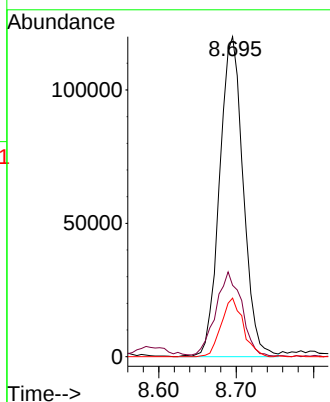
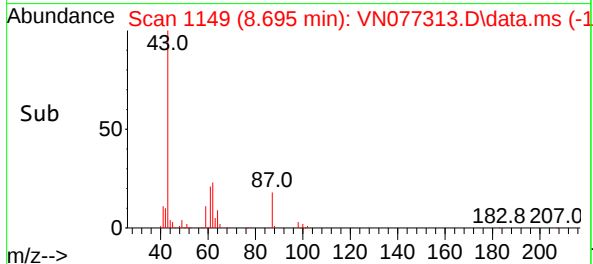
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 43 Resp: 254669
Ion Ratio Lower Upper
43 100
61 29.5 22.7 34.1
87 17.0 13.6 20.4

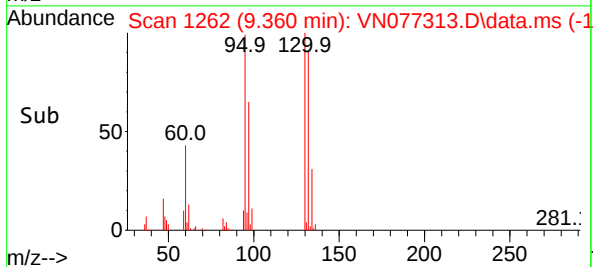
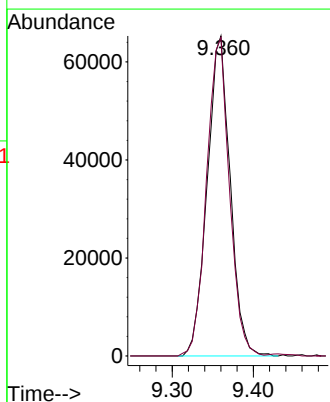
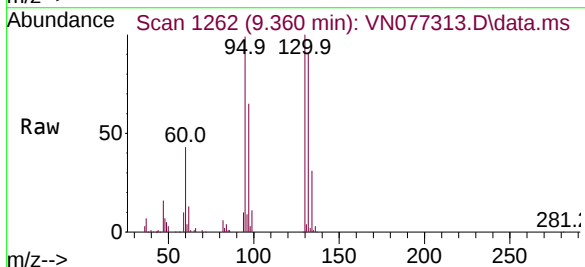
Manual Integrations
APPROVED

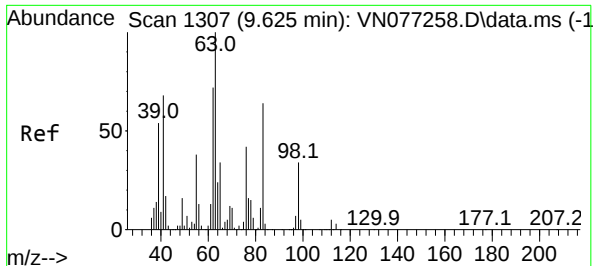
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#44
Trichloroethene
Concen: 19.545 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Tgt Ion:130 Resp: 128375
Ion Ratio Lower Upper
130 100
95 99.5 0.0 200.2





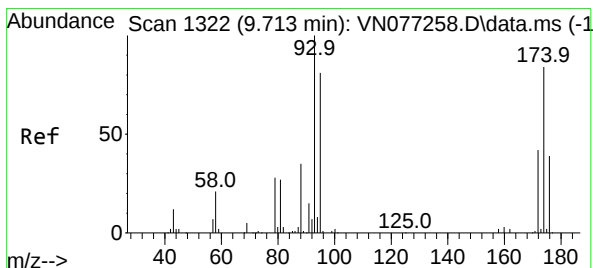
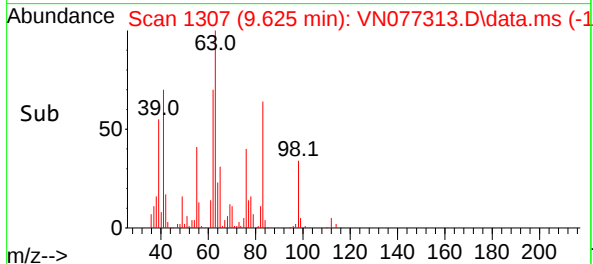
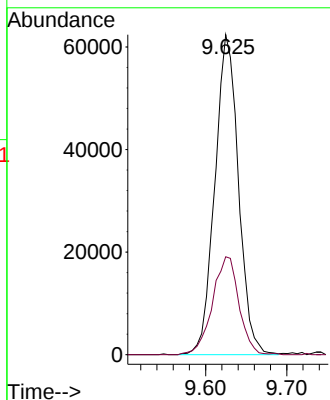
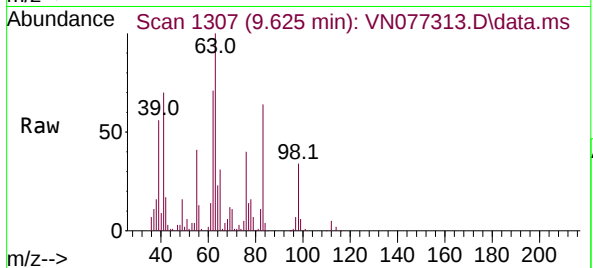
#45
1,2-Dichloropropane
Concen: 19.349 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion: 63 Resp: 12614
Ion Ratio Lower Upper
63 100
65 30.6 27.1 40.7

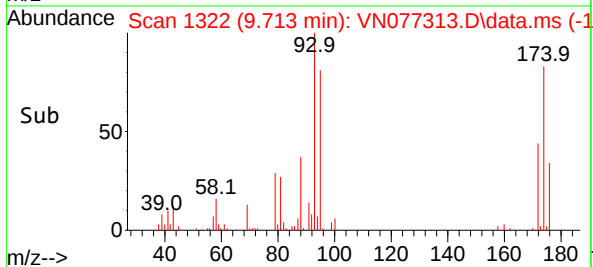
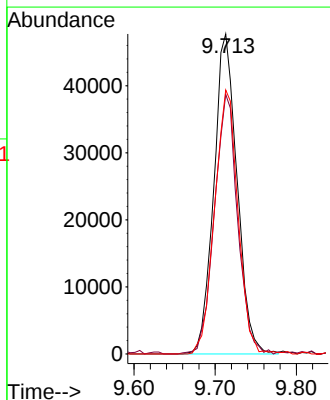
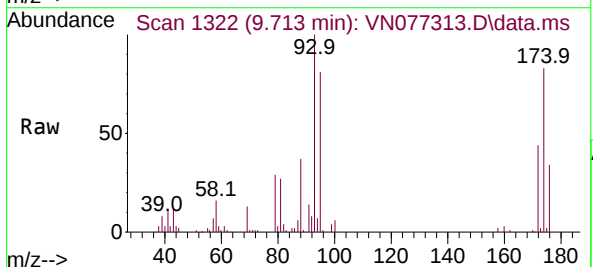
Manual Integrations
APPROVED

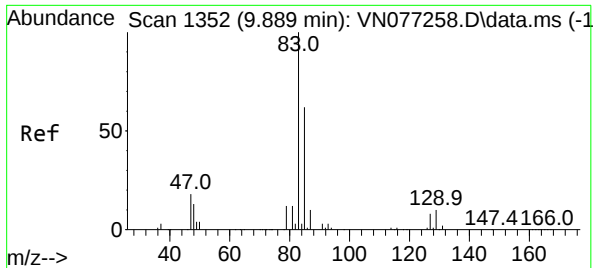
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#46
Dibromomethane
Concen: 19.314 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

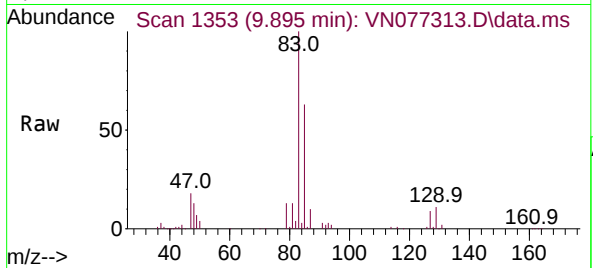
Tgt Ion: 93 Resp: 94870
Ion Ratio Lower Upper
93 100
95 81.0 65.8 98.6
174 83.2 66.0 99.0





#47
Bromodichloromethane
Concen: 18.824 ug/l
RT: 9.895 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

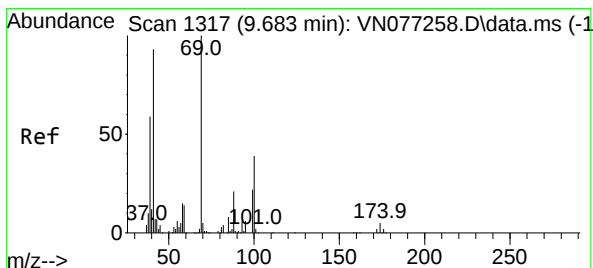
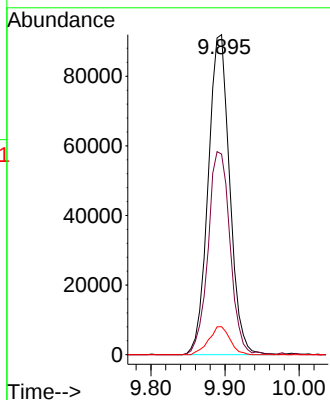
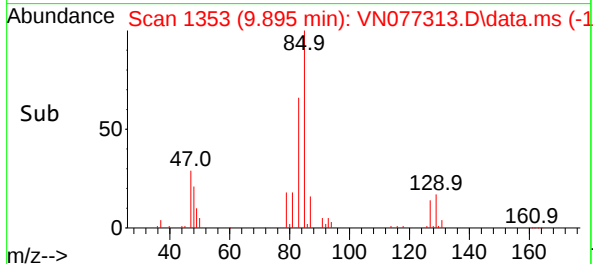
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 83 Resp: 18481
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.8
127 8.7 6.2 9.2

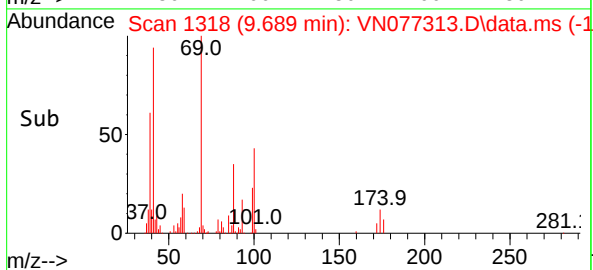
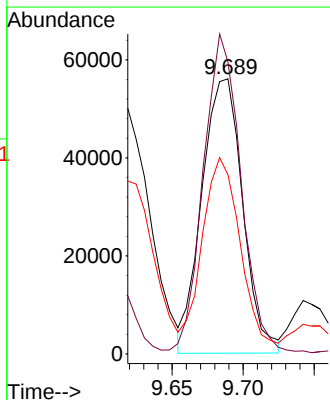
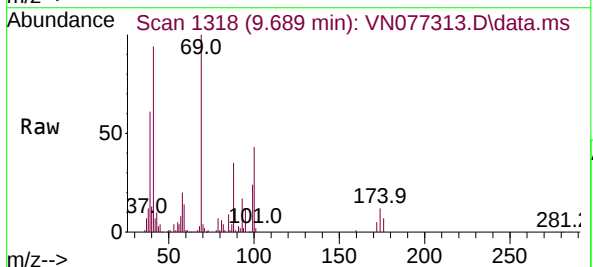
Manual Integrations
APPROVED

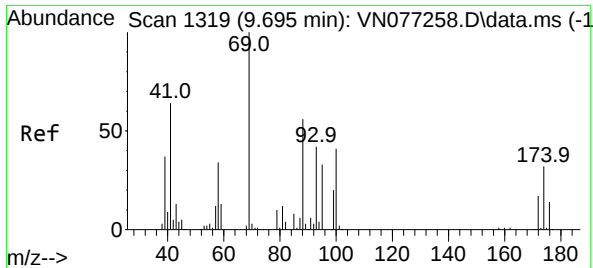
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#48
Methyl methacrylate
Concen: 18.083 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Tgt Ion: 41 Resp: 112083
Ion Ratio Lower Upper
41 100
69 107.3 85.0 127.6
39 68.1 53.5 80.3





#49

1,4-Dioxane

Concen: 371.044 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBSD01

Tgt Ion: 88 Resp: 5575

Ion Ratio Lower Upper

88 100

43 20.4 17.0 25.6

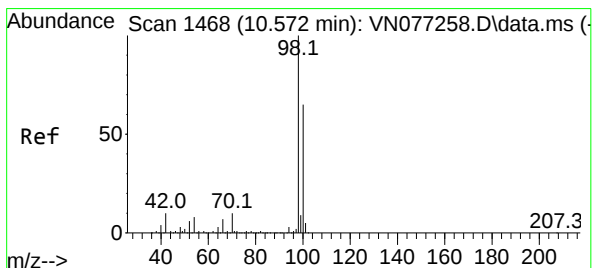
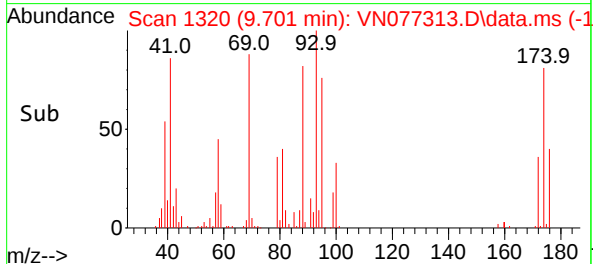
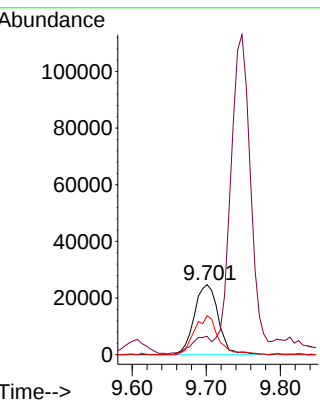
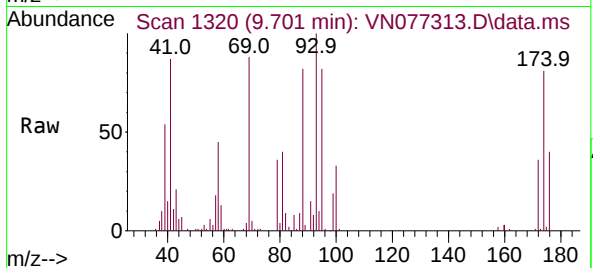
58 55.0 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#50

Toluene-d8

Concen: 51.794 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077313.D

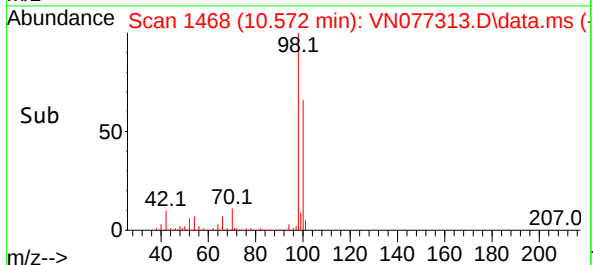
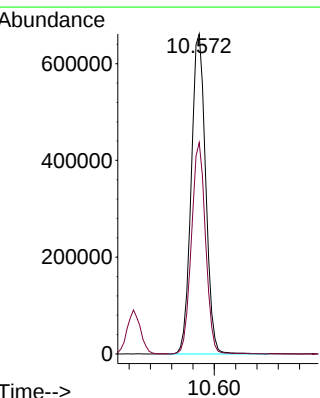
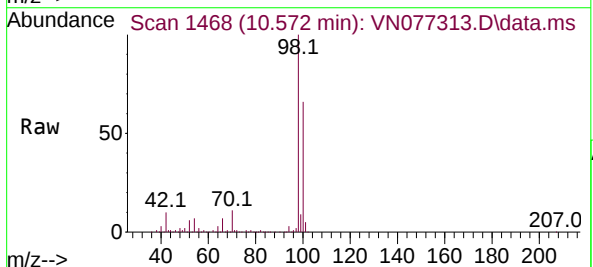
Acq: 12 Apr 2023 13:29

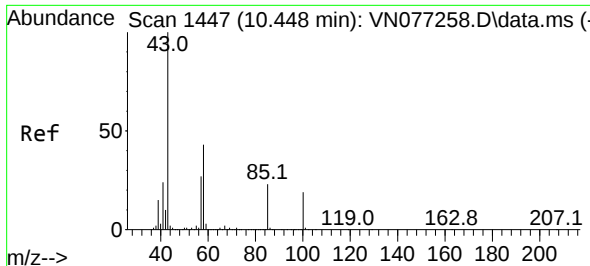
Tgt Ion: 98 Resp: 1240681

Ion Ratio Lower Upper

98 100

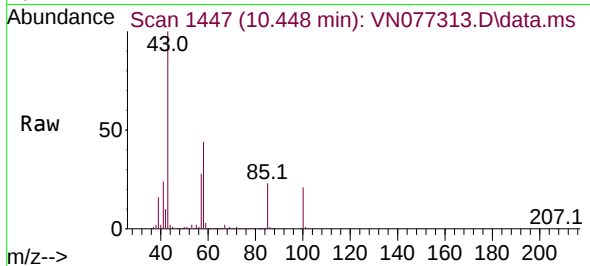
100 64.7 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 90.746 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

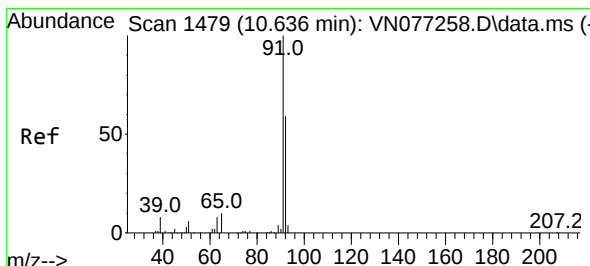
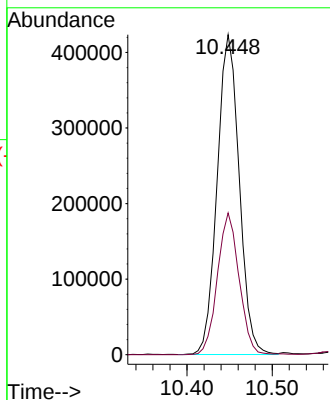
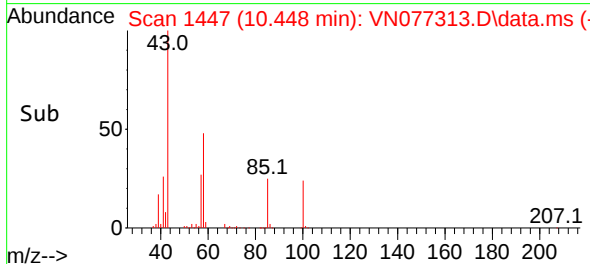
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



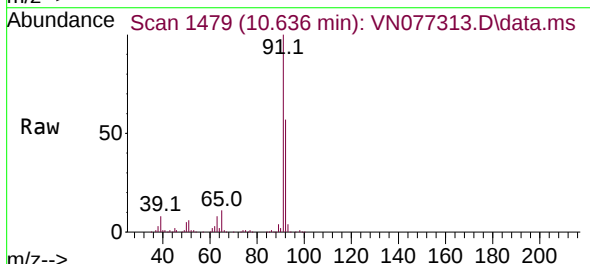
Tgt Ion: 43 Resp: 762119
Ion Ratio Lower Upper
43 100
58 43.6 34.6 52.0

Manual Integrations
APPROVED

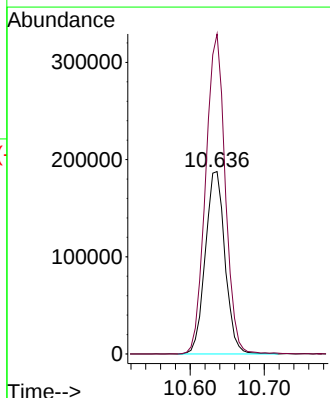
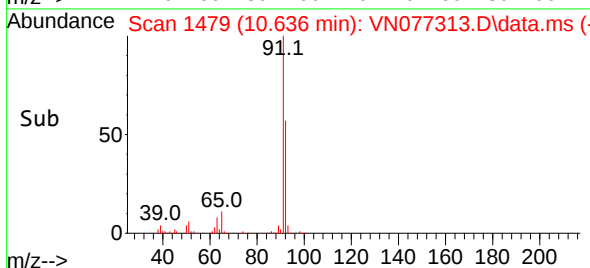
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

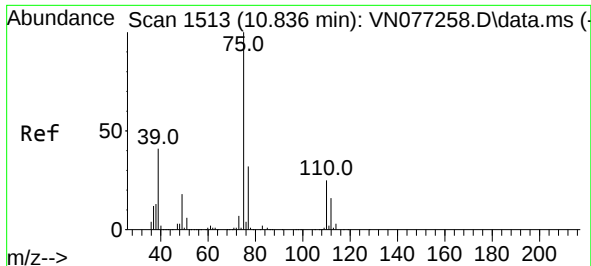


#52
Toluene
Concen: 19.276 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



Tgt Ion: 92 Resp: 346341
Ion Ratio Lower Upper
92 100
91 174.9 138.0 207.0





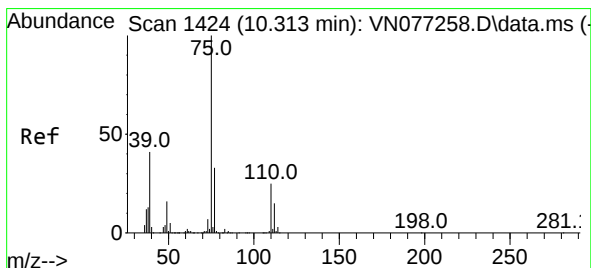
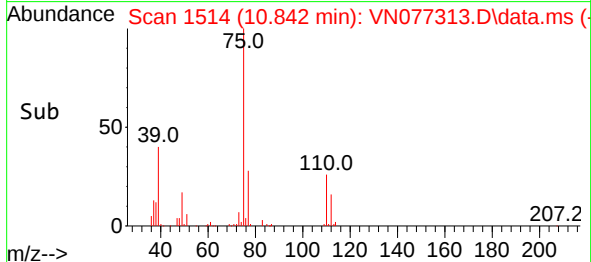
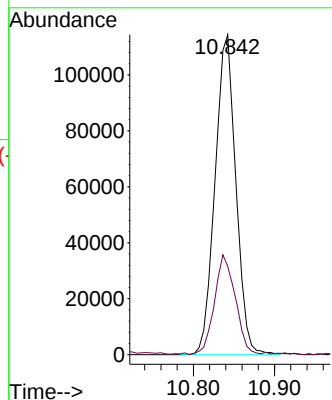
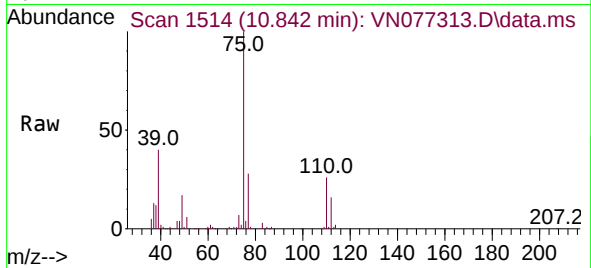
#53
t-1,3-Dichloropropene
Concen: 19.134 ug/l
RT: 10.842 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion: 75 Resp: 20398
Ion Ratio Lower Upper
75 100
77 27.3 25.4 38.0

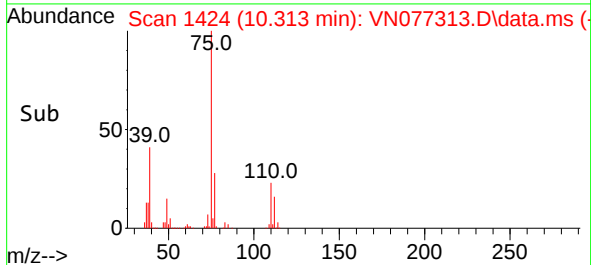
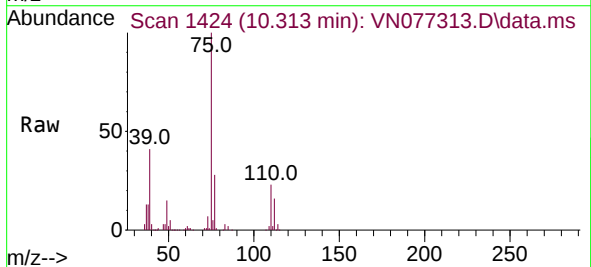
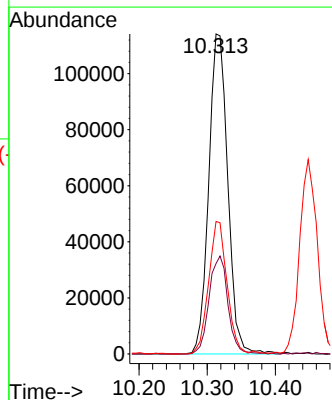
Manual Integrations
APPROVED

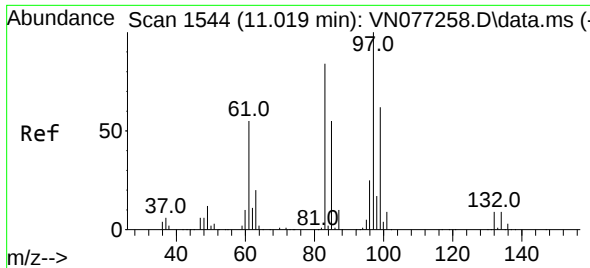
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#54
cis-1,3-Dichloropropene
Concen: 19.511 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

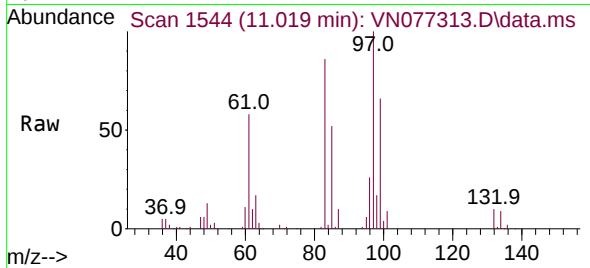
Tgt Ion: 75 Resp: 221563
Ion Ratio Lower Upper
75 100
77 28.2 26.7 40.1
39 41.4 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 19.585 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

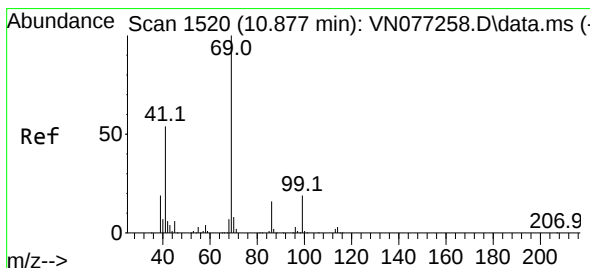
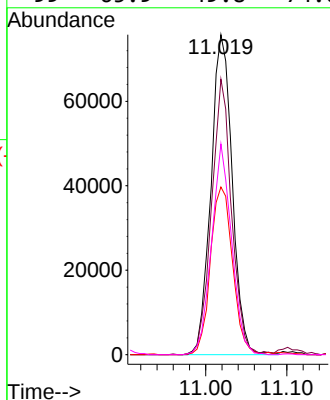
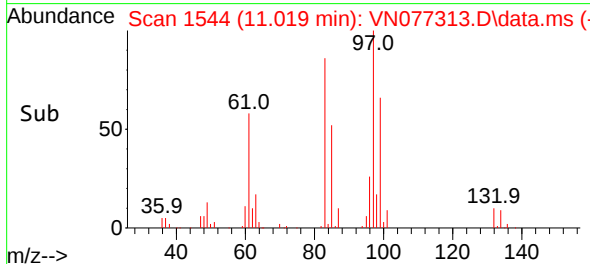
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



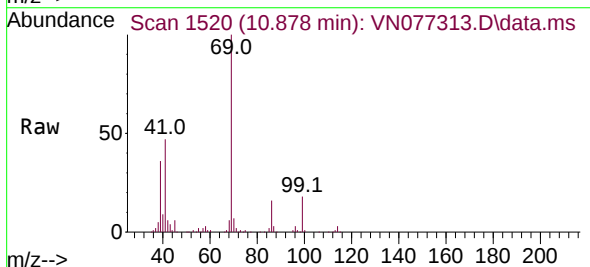
Tgt Ion:	97	Resp:	13813
Ion Ratio	100	Lower	Upper
83	86.1	67.4	101.2
85	52.4	44.1	66.1
99	65.9	49.8	74.6

Manual Integrations
APPROVED

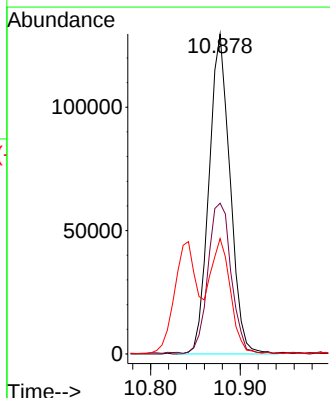
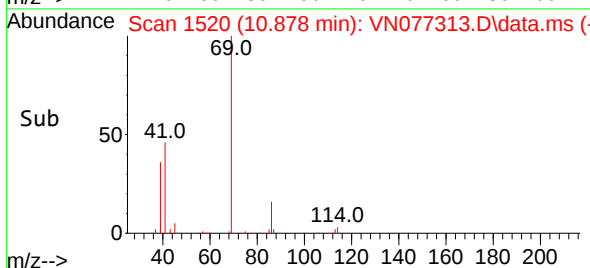
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

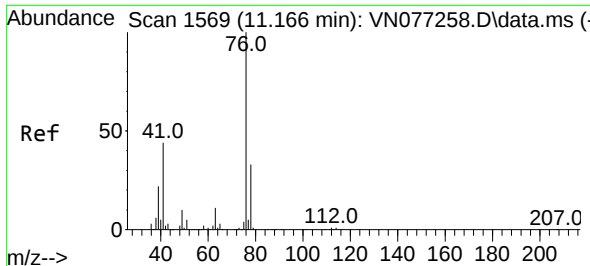


#56
Ethyl methacrylate
Concen: 19.252 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



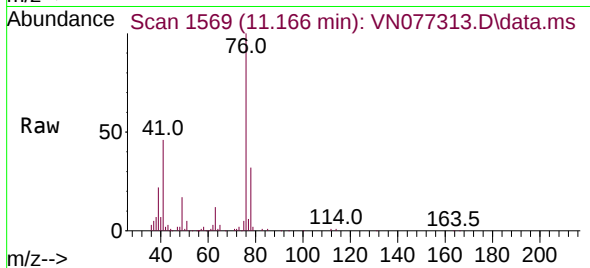
Tgt Ion:	69	Resp:	211496
Ion Ratio	100	Lower	Upper
41	51.6	42.8	64.2
39	33.8	27.0	40.4





#57
1,3-Dichloropropane
Concen: 19.414 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

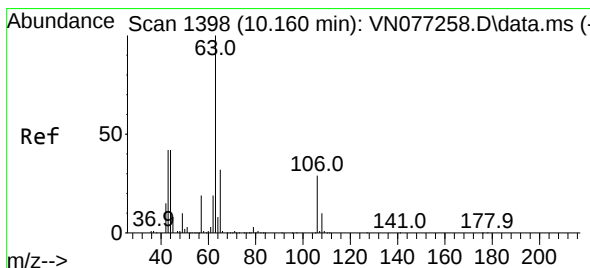
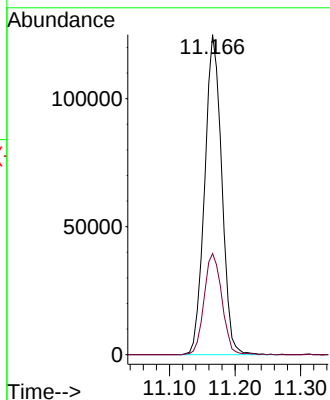
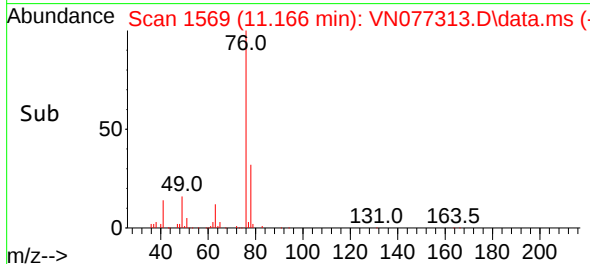
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



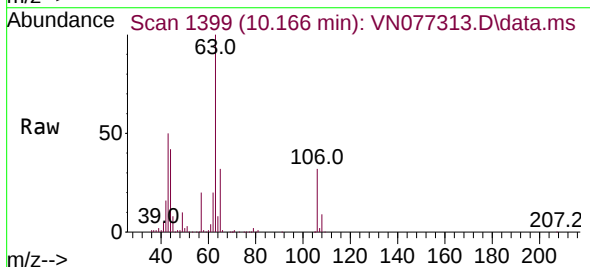
Tgt Ion: 76 Resp: 226218
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.4

Manual Integrations
APPROVED

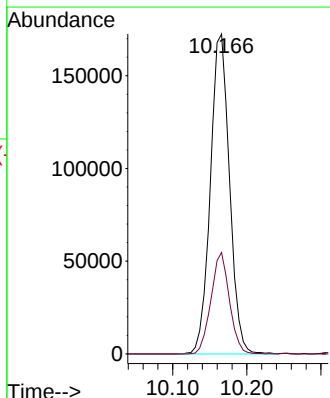
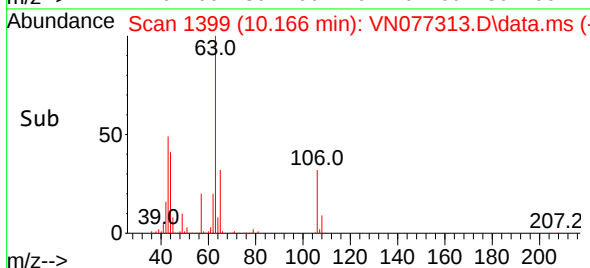
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

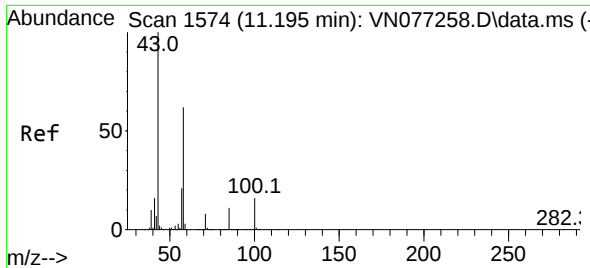


#58
2-Chloroethyl Vinyl ether
Concen: 94.688 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



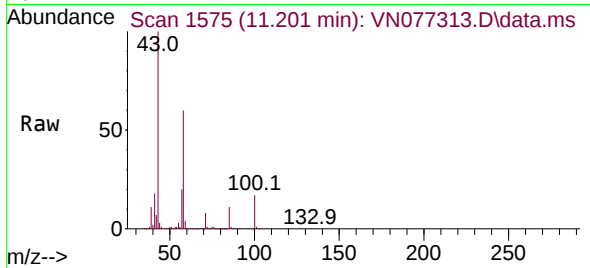
Tgt Ion: 63 Resp: 309649
Ion Ratio Lower Upper
63 100
106 30.5 24.1 36.1





#59
2-Hexanone
Concen: 91.397 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

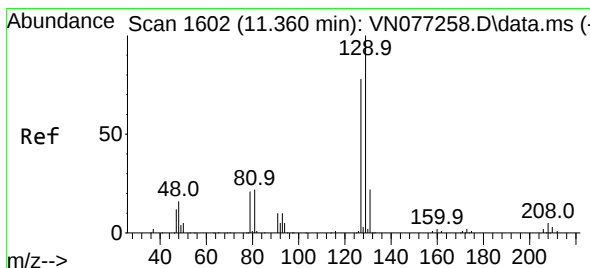
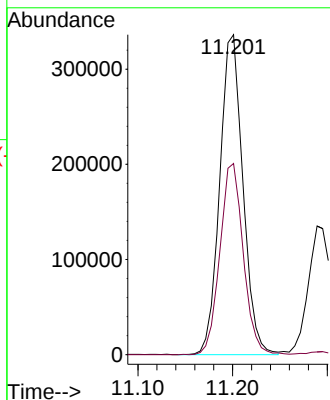
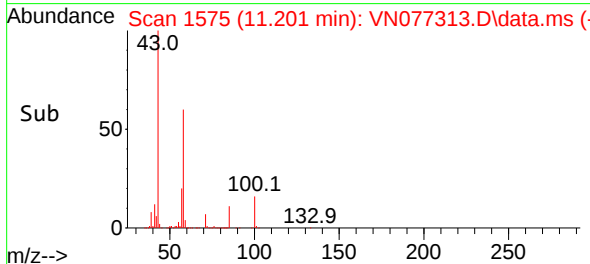
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 43 Resp: 571850
Ion Ratio Lower Upper
43 100
58 60.3 30.9 92.5

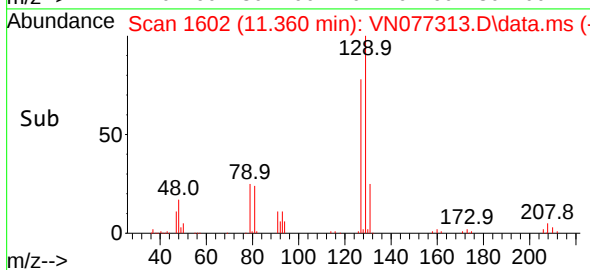
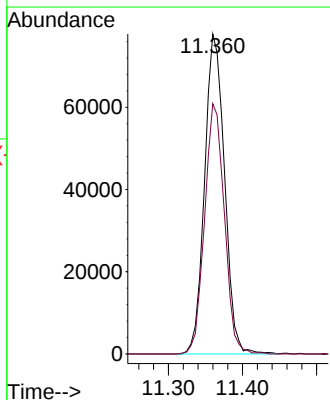
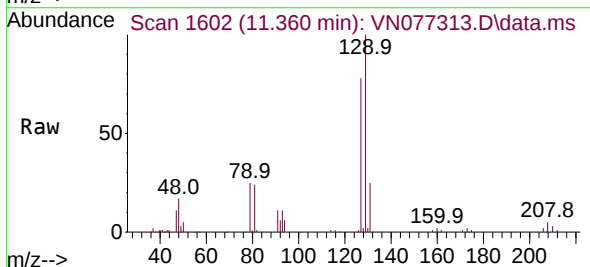
Manual Integrations
APPROVED

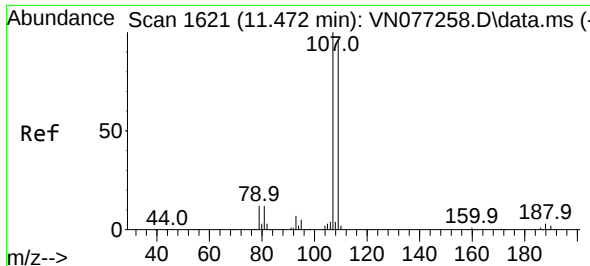
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#60
Dibromochloromethane
Concen: 20.009 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

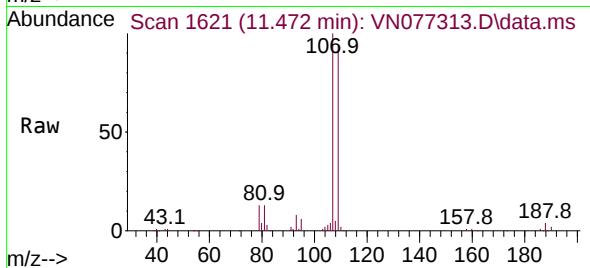
Tgt Ion:129 Resp: 145350
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5





#61
1,2-Dibromoethane
Concen: 19.382 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

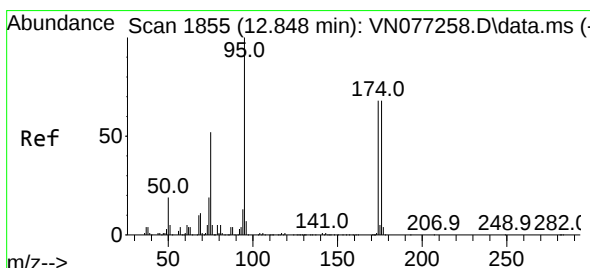
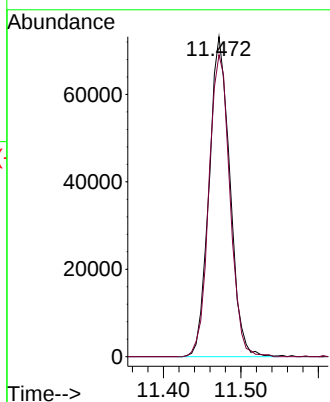
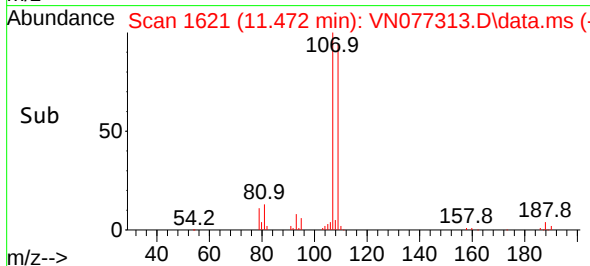
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



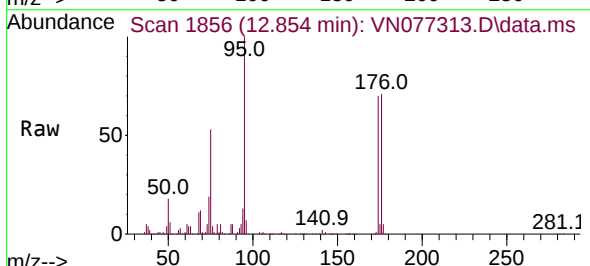
Tgt Ion:107 Resp: 136448
Ion Ratio Lower Upper
107 100
109 95.3 75.2 112.8

Manual Integrations
APPROVED

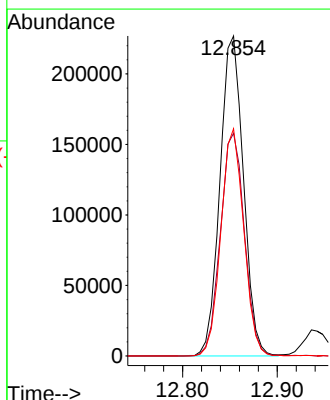
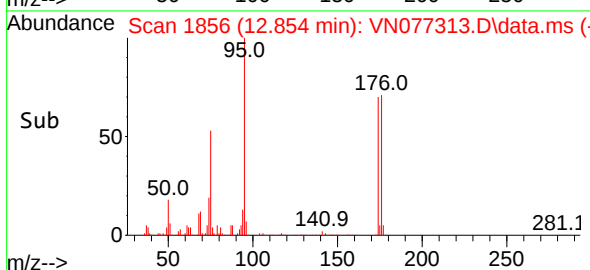
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

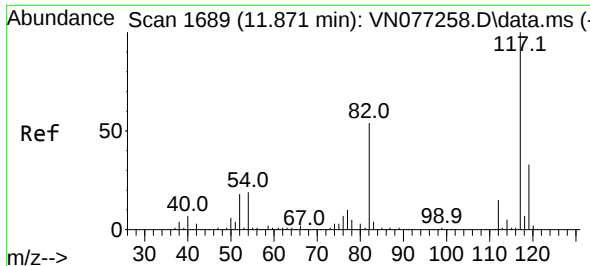


#62
4-Bromofluorobenzene
Concen: 49.056 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



Tgt Ion: 95 Resp: 390820
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.8
176 69.1 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

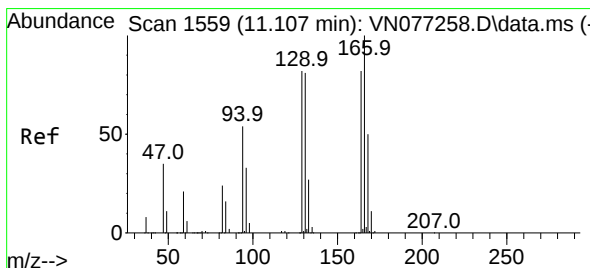
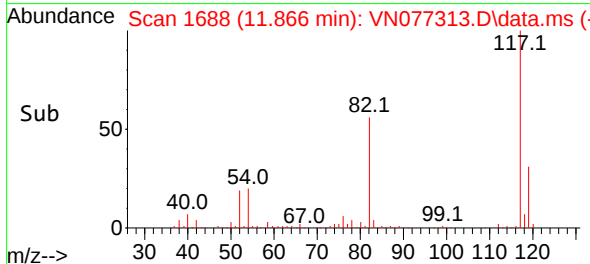
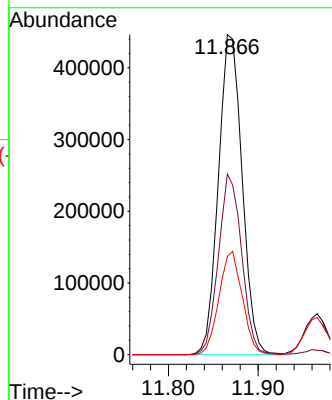
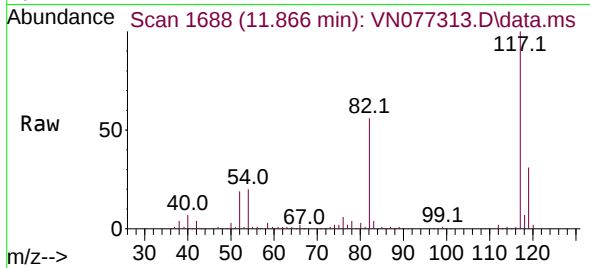
VN0412WBSD01

Tgt Ion:117 Resp: 820550
Ion Ratio Lower Upper
117 100
82 56.4 42.9 64.3
119 30.7 26.2 39.4

Manual Integrations

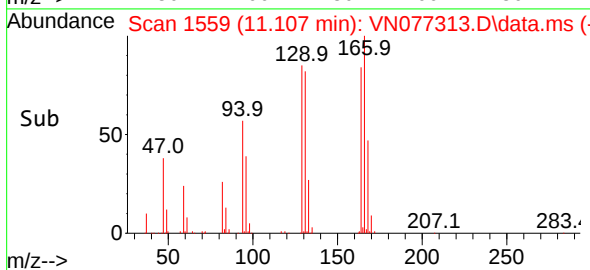
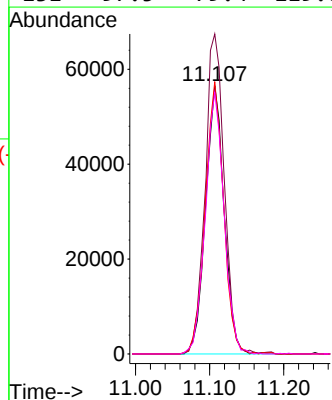
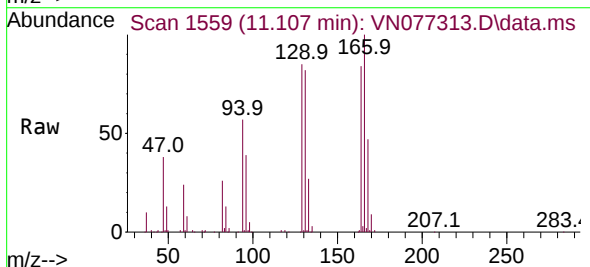
APPROVED

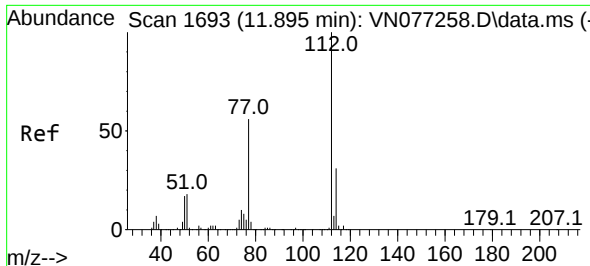
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#64
Tetrachloroethene
Concen: 19.383 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

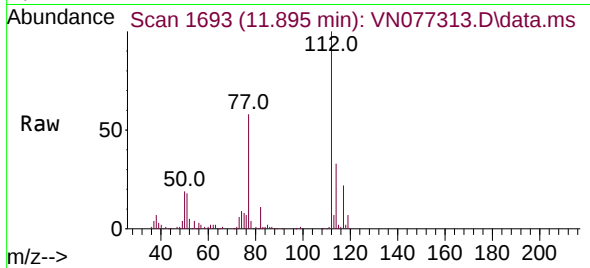
Tgt Ion:164 Resp: 98255
Ion Ratio Lower Upper
164 100
166 119.4 97.8 146.6
129 101.6 80.1 120.1
131 97.5 79.4 119.0





#65
Chlorobenzene
Concen: 20.159 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

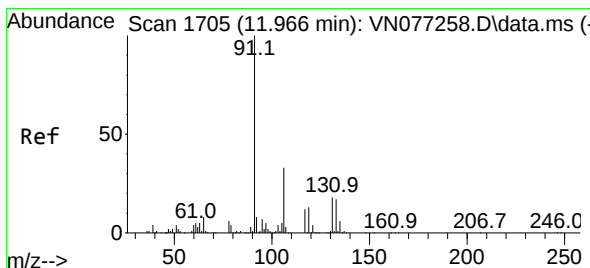
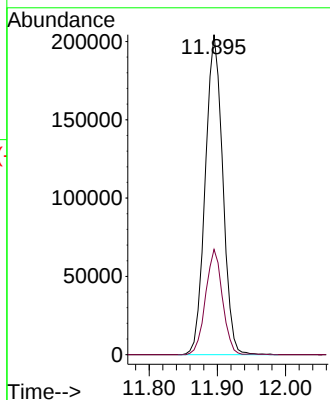
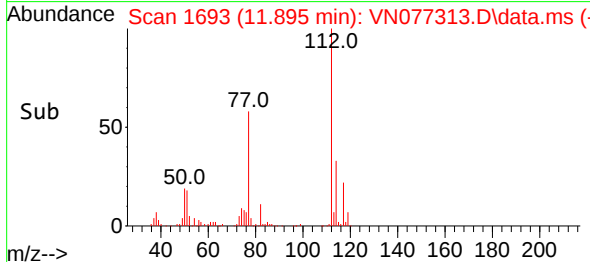
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



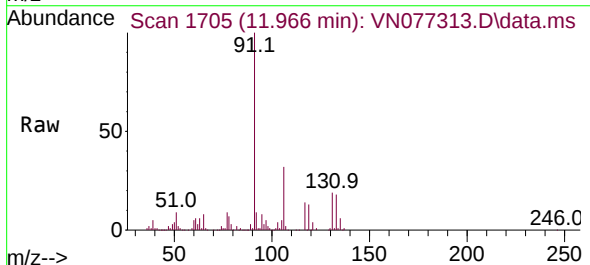
Tgt Ion:112 Resp: 36418
Ion Ratio Lower Upper
112 100
114 32.9 24.6 36.8

Manual Integrations
APPROVED

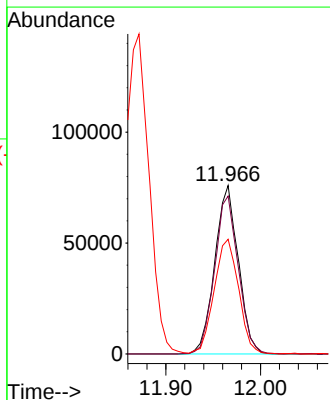
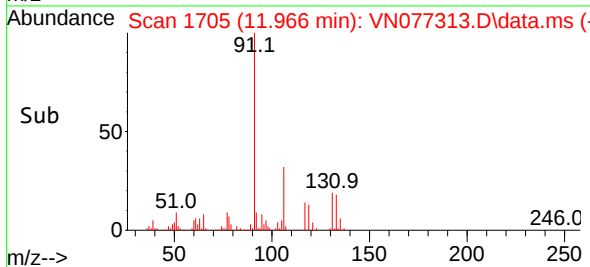
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

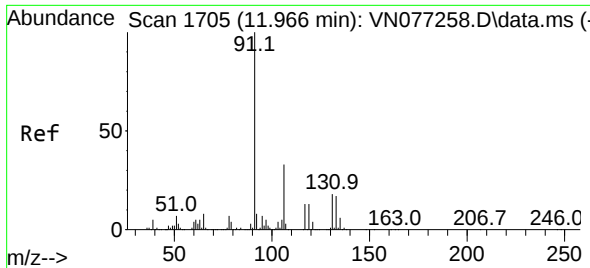


#66
1,1,1,2-Tetrachloroethane
Concen: 19.187 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



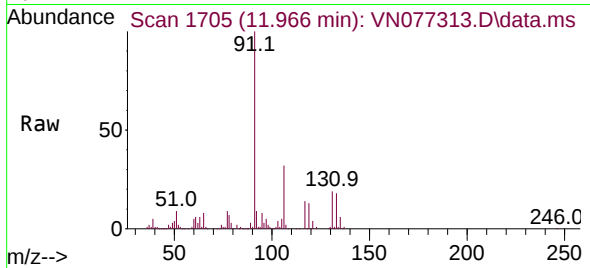
Tgt Ion:131 Resp: 131151
Ion Ratio Lower Upper
131 100
133 94.6 46.9 140.6
119 70.9 34.0 102.0





#67
Ethyl Benzene
Concen: 19.845 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

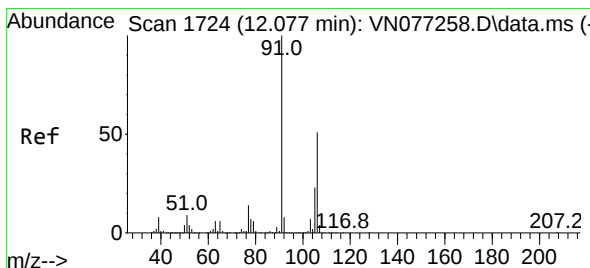
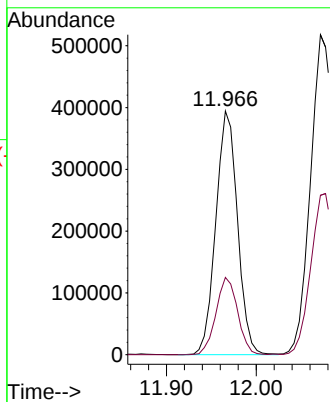
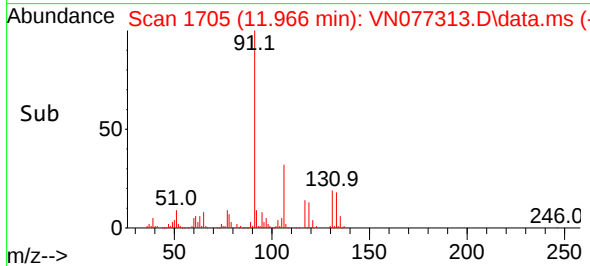
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



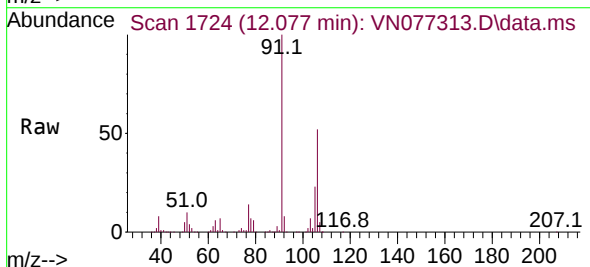
Tgt Ion: 91 Resp: 661548
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.2

Manual Integrations
APPROVED

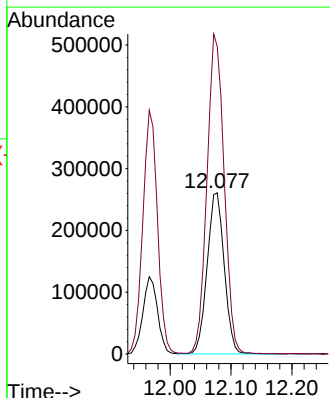
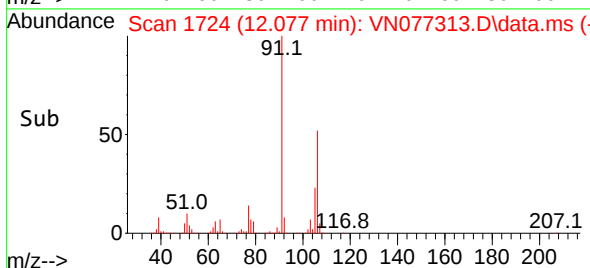
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

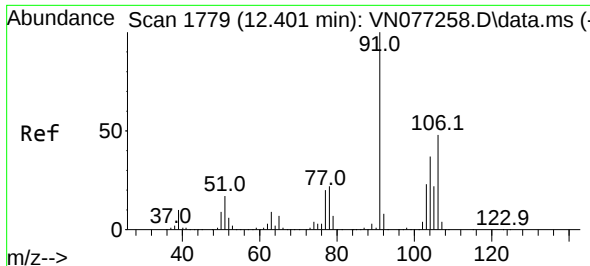


#68
m/p-Xylenes
Concen: 38.751 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



Tgt Ion:106 Resp: 507588
Ion Ratio Lower Upper
106 100
91 199.0 158.7 238.1





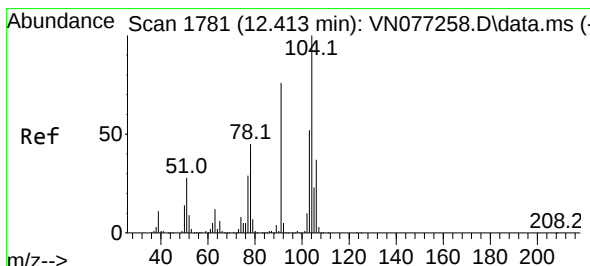
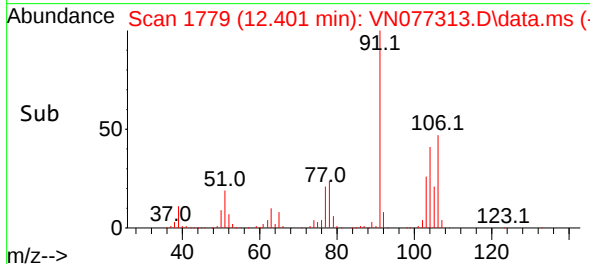
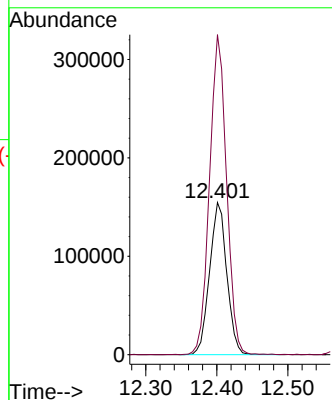
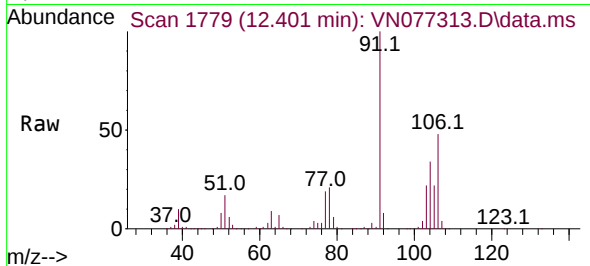
#69
o-Xylene
Concen: 20.156 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion:106 Resp: 260468
Ion Ratio Lower Upper
106 100
91 207.9 104.0 312.0

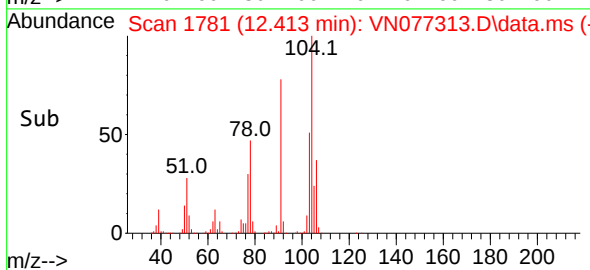
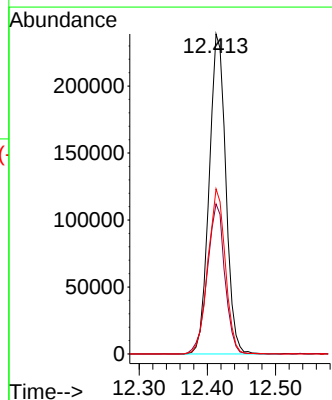
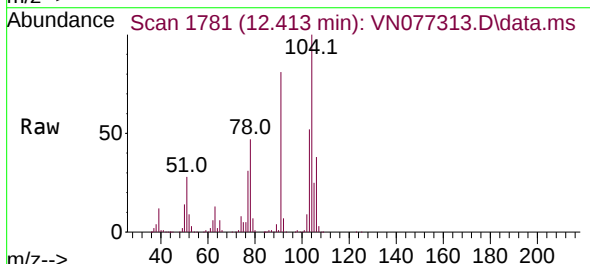
Manual Integrations
APPROVED

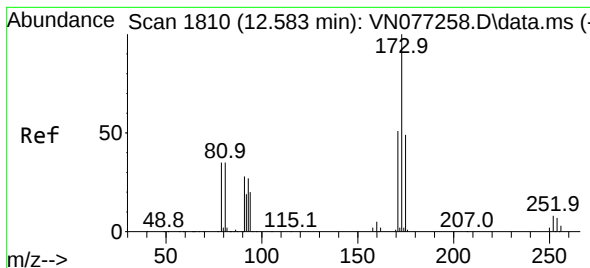
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#70
Styrene
Concen: 19.553 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Tgt Ion:104 Resp: 406592
Ion Ratio Lower Upper
104 100
78 49.4 38.0 57.0
103 53.9 43.1 64.7





#71

Bromoform

Concen: 19.408 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBSD01

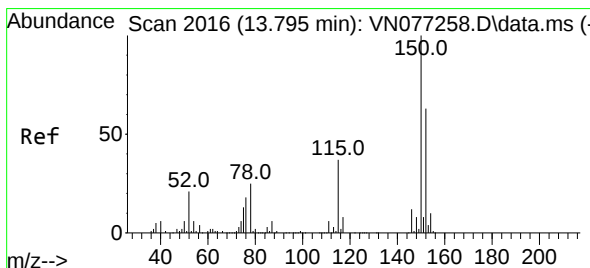
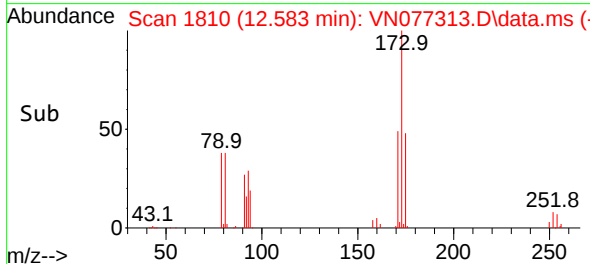
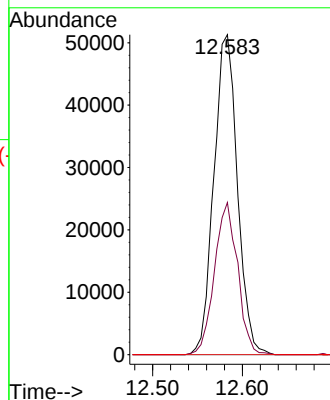
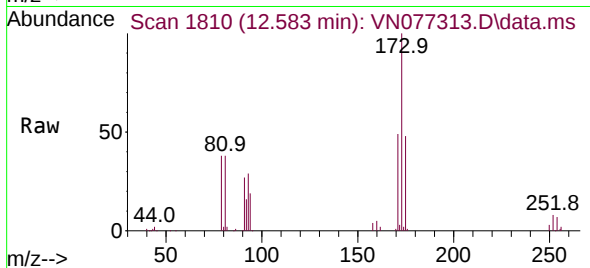
Tgt Ion:173 Resp: 93384
 Ion Ratio Lower Upper
 173 100
 175 46.7 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

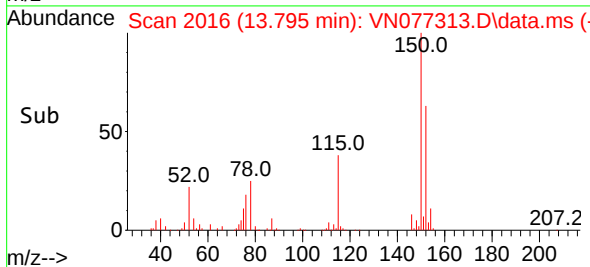
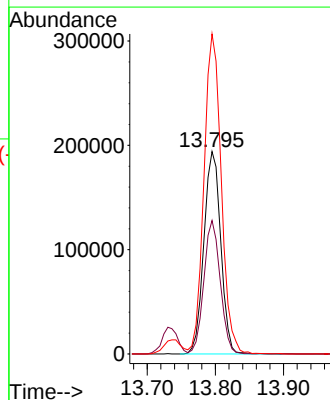
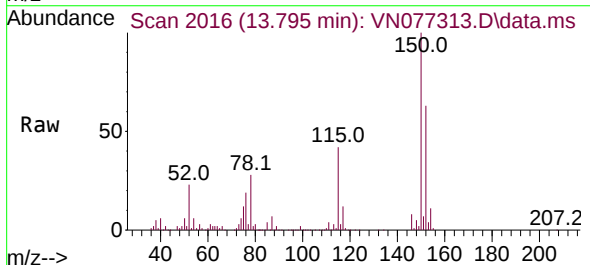
RT: 13.795 min Scan# 2016

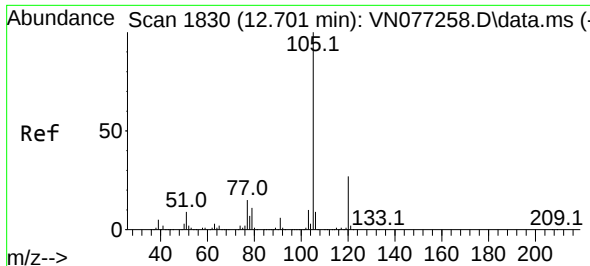
Delta R.T. -0.000 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

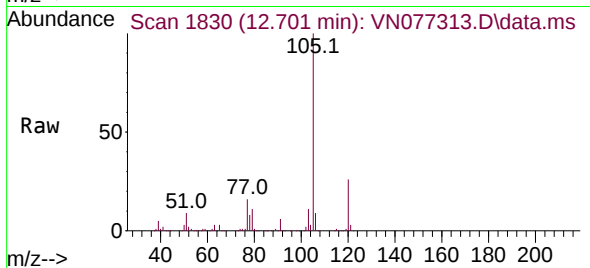
Tgt Ion:152 Resp: 333692
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.1 96.3
 150 162.0 0.0 354.8





#73
Isopropylbenzene
Concen: 20.227 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

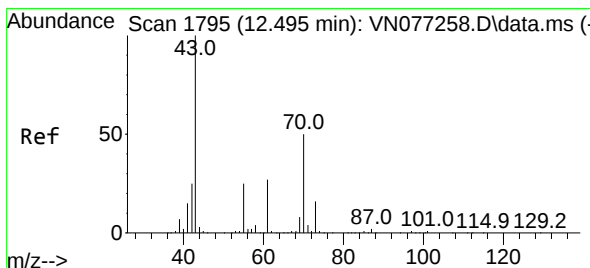
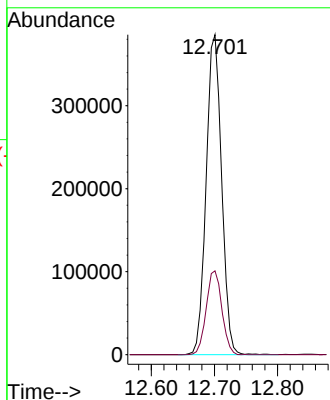
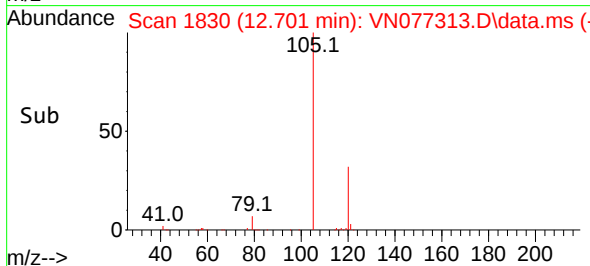
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



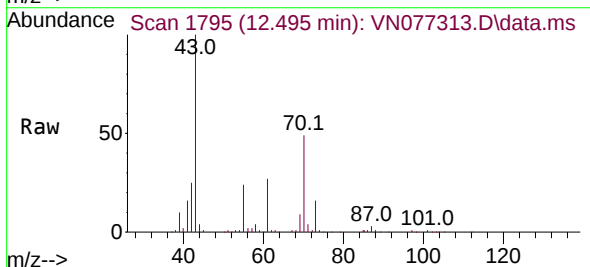
Tgt Ion:105 Resp: 655580
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

Manual Integrations
APPROVED

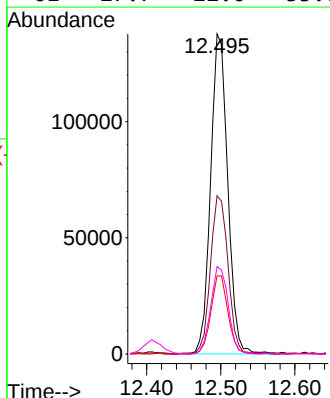
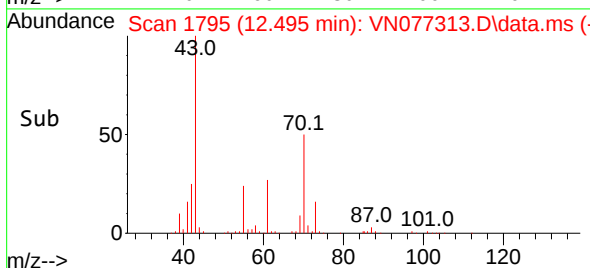
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

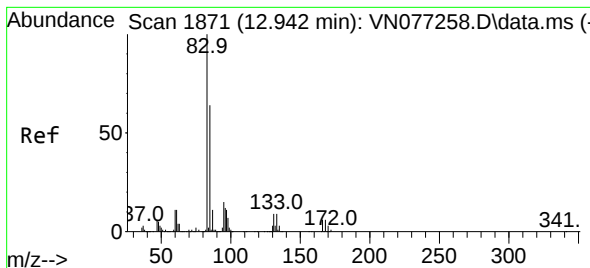


#74
N-ethyl acetate
Concen: 18.027 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



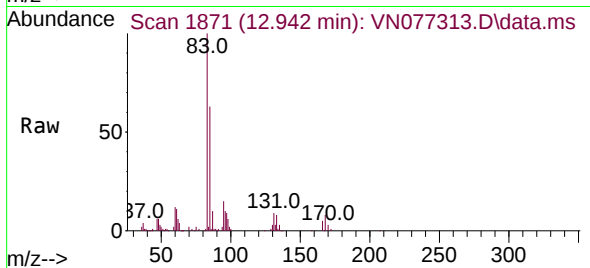
Tgt Ion: 43 Resp: 221423
Ion Ratio Lower Upper
43 100
70 50.4 41.0 61.6
55 24.7 19.3 28.9
61 27.7 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.844 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

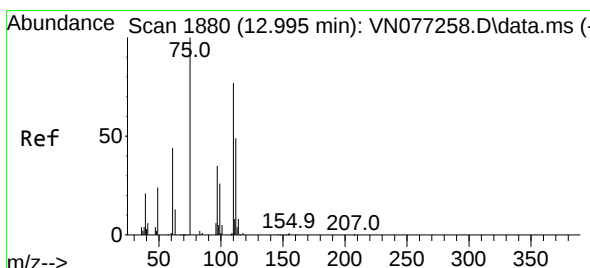
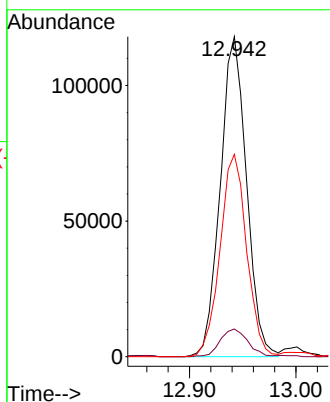
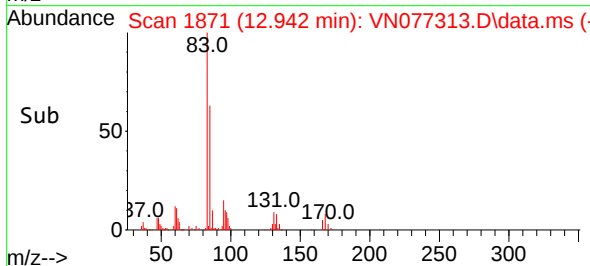
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 83 Resp: 201840
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.6
85 64.1 32.1 96.3

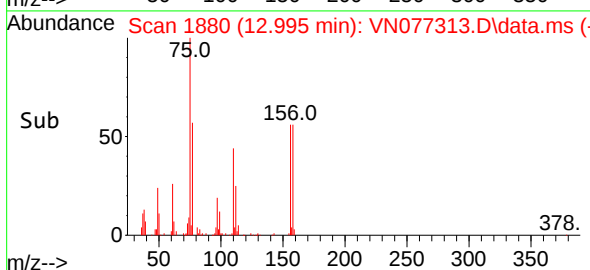
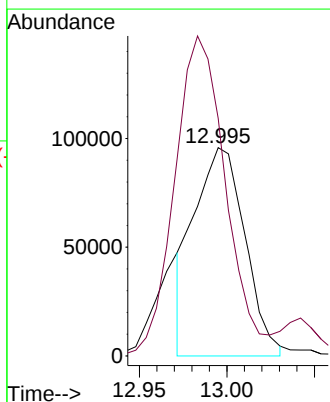
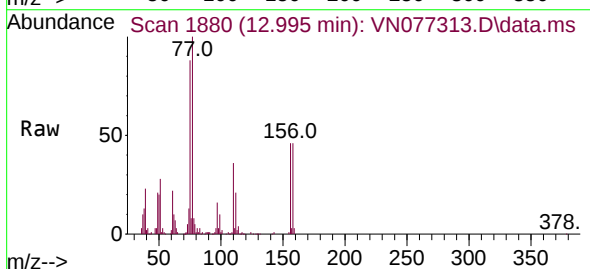
Manual Integrations
APPROVED

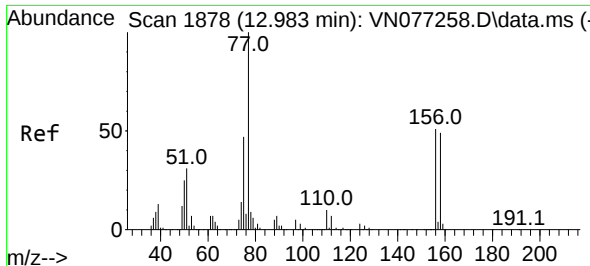
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#76
1,2,3-Trichloropropane
Concen: 24.349 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Tgt Ion: 75 Resp: 193483
Ion Ratio Lower Upper
75 100
77 154.1 88.3 264.9





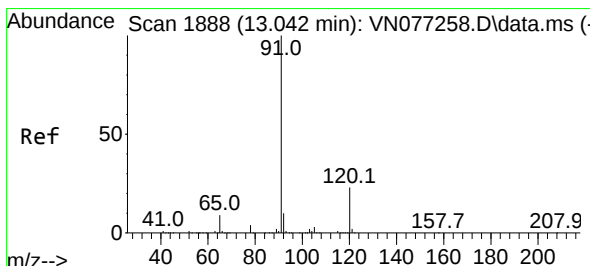
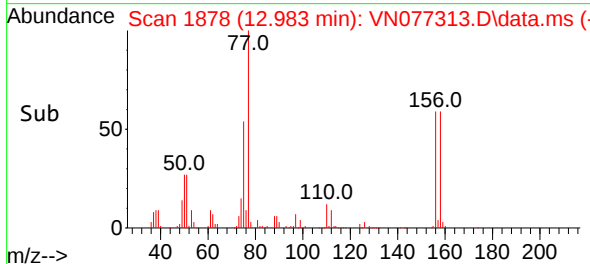
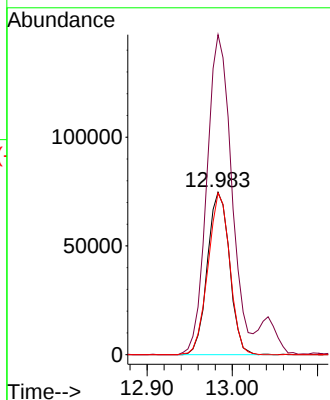
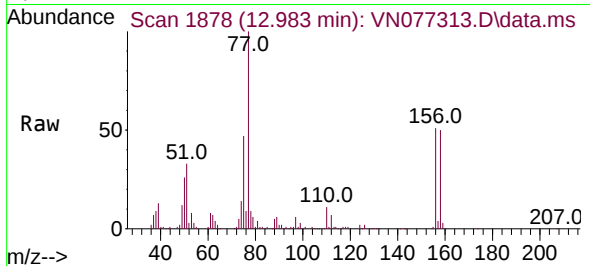
#77
Bromobenzene
Concen: 20.426 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion:156 Resp: 134610
Ion Ratio Lower Upper
156 100
77 221.5 115.3 345.8
158 98.2 49.3 147.8

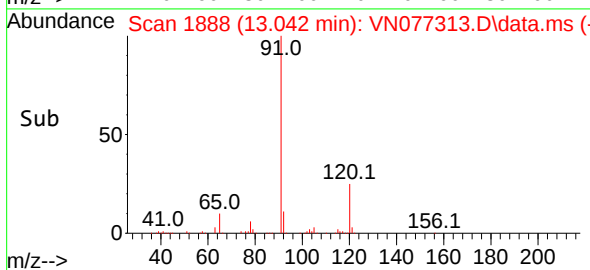
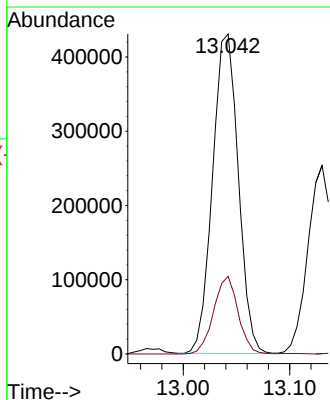
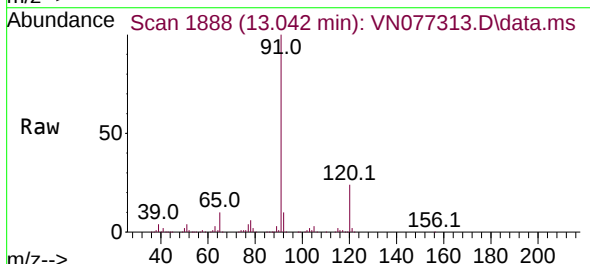
Manual Integrations
APPROVED

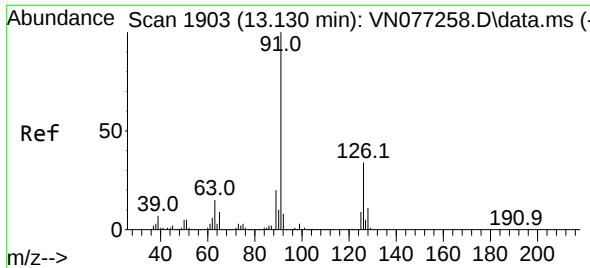
Reviewed By :John Carbone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#78
n-propylbenzene
Concen: 20.151 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Tgt Ion: 91 Resp: 721645
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5





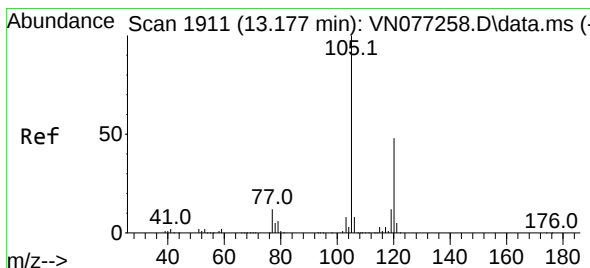
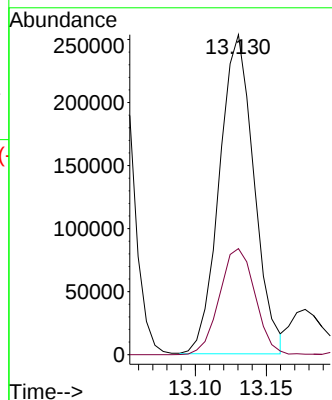
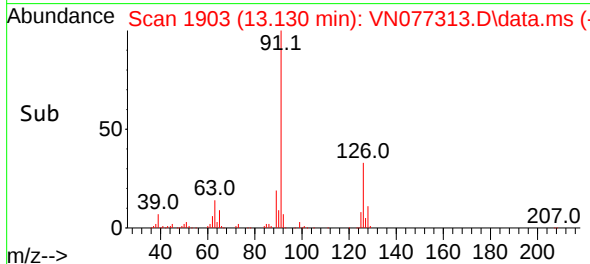
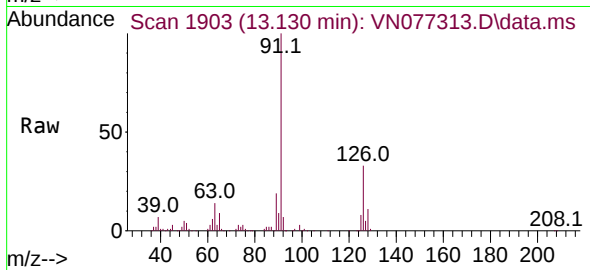
#79
2-Chlorotoluene
Concen: 19.937 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion: 91 Resp: 429912
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.4

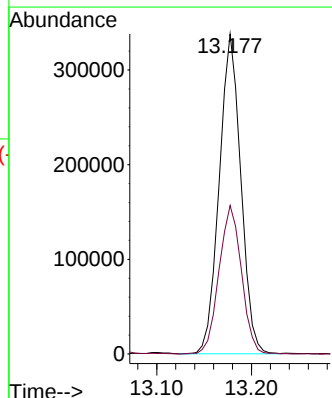
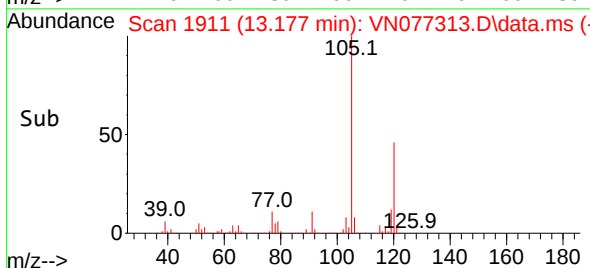
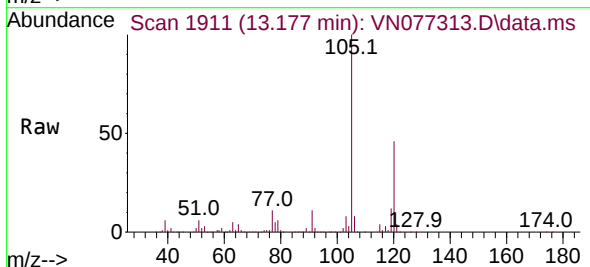
Manual Integrations
APPROVED

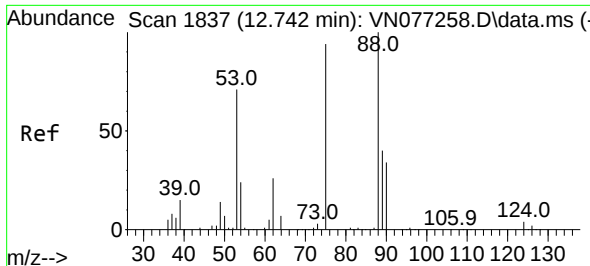
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.665 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Tgt Ion:105 Resp: 534953
Ion Ratio Lower Upper
105 100
120 48.2 24.3 73.0





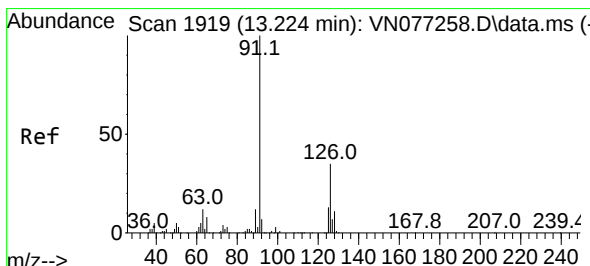
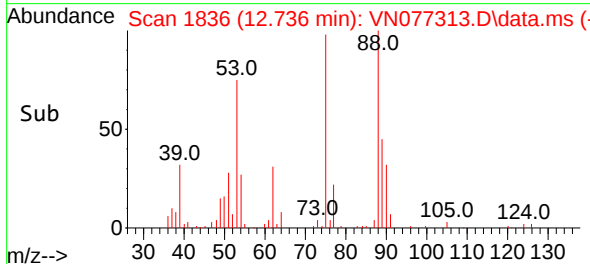
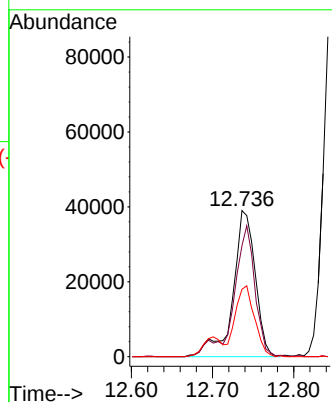
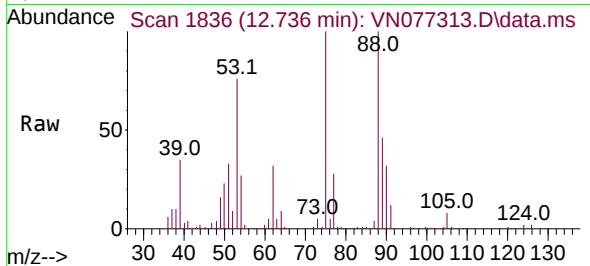
#81
trans-1,4-Dichloro-2-butene
Concen: 21.108 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion: 75 Resp: 74538
Ion Ratio Lower Upper
75 100
53 75.5 72.8 109.2
89 42.6 37.4 56.2

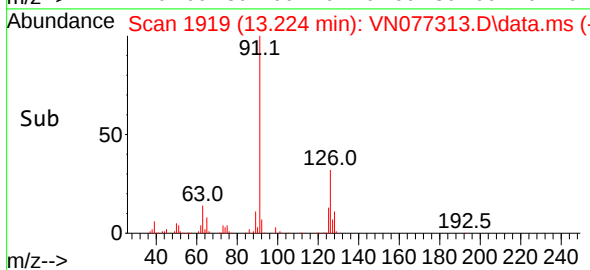
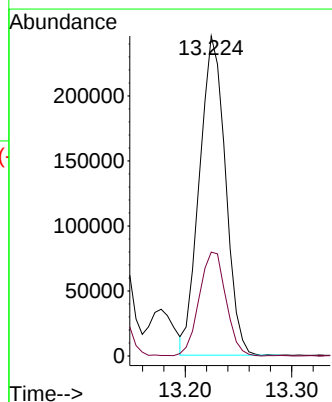
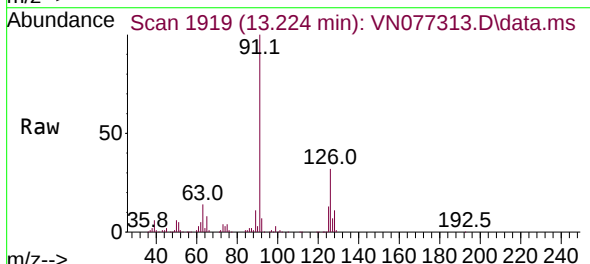
Manual Integrations
APPROVED

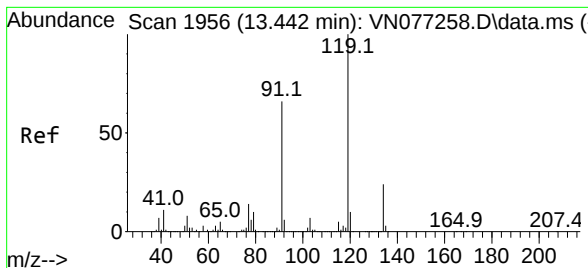
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#82
4-Chlorotoluene
Concen: 20.435 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

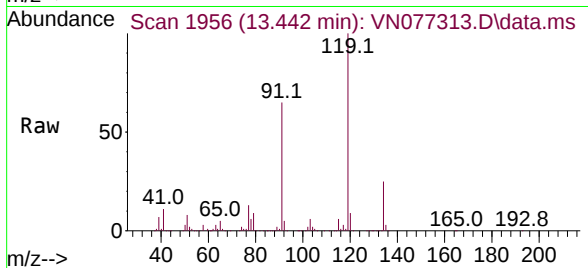
Tgt Ion: 91 Resp: 415469
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.184 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

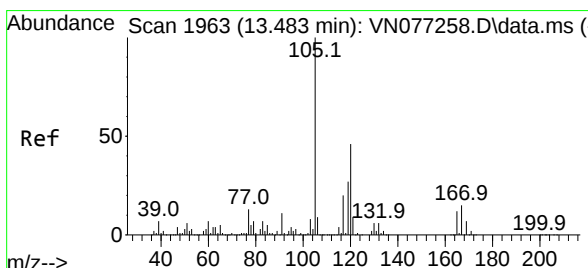
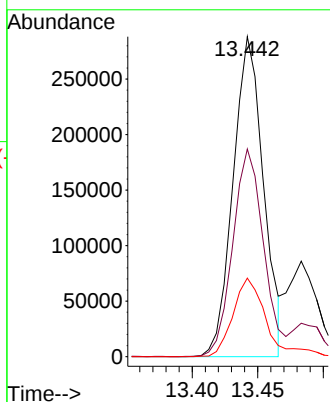
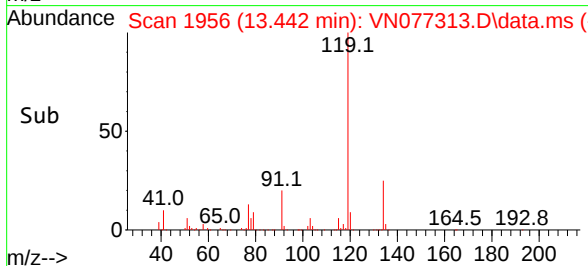
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



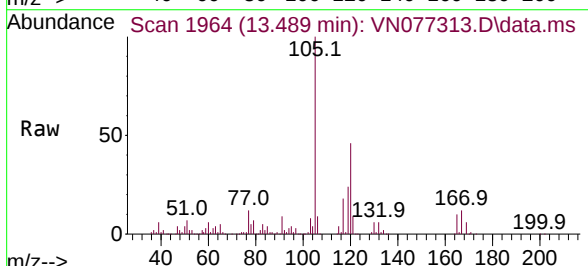
Tgt Ion:119 Resp: 465080
Ion Ratio Lower Upper
119 100
91 66.0 33.5 100.4
134 26.9 13.3 39.9

Manual Integrations
APPROVED

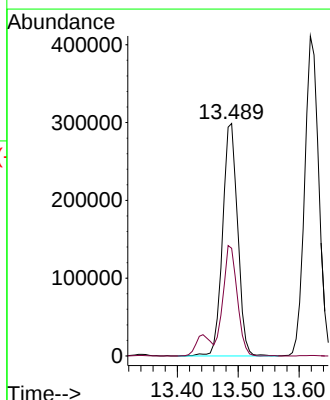
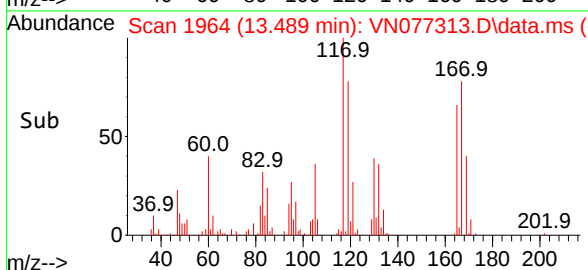
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

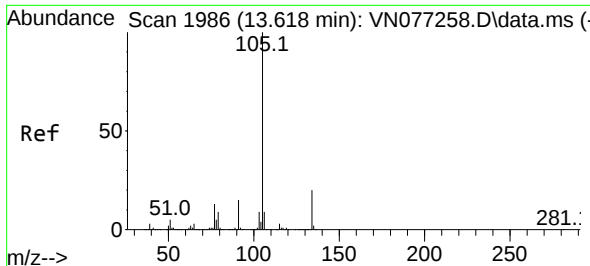


#84
1,2,4-Trimethylbenzene
Concen: 20.036 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



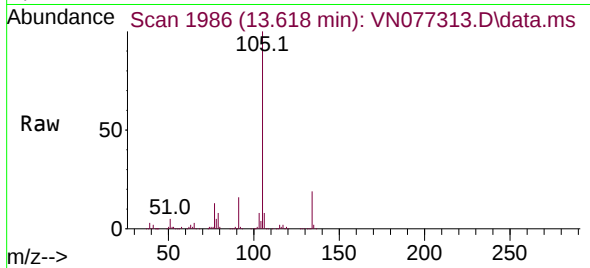
Tgt Ion:105 Resp: 512406
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 20.644 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077313.D
 Acq: 12 Apr 2023 13:29

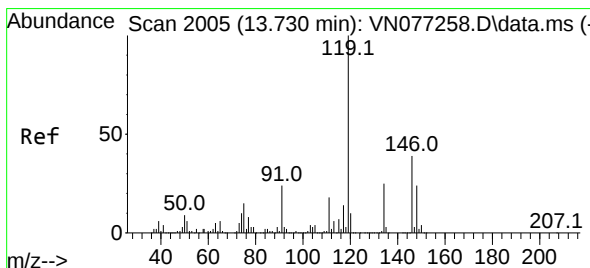
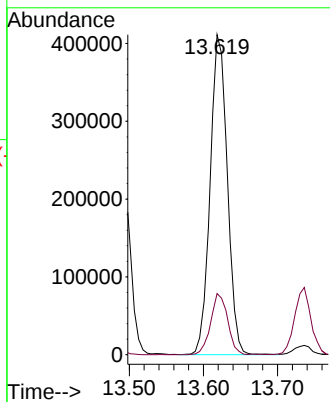
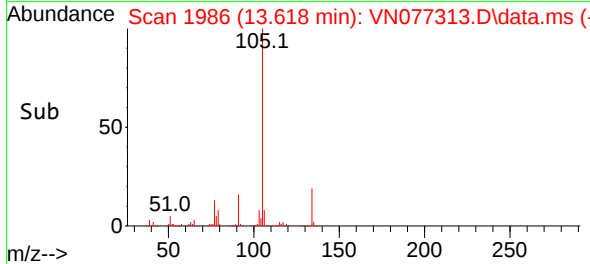
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBSD01



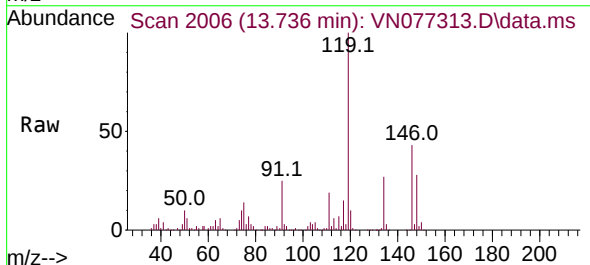
Tgt Ion:105 Resp: 662930
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

Manual Integrations
 APPROVED

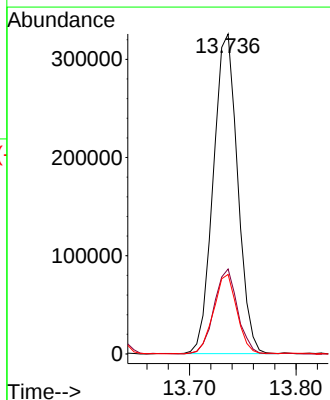
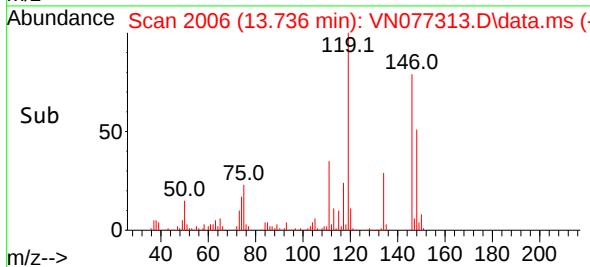
Reviewed By :John Carlone 04/13/2023
 Supervised By :Semsettin Yesilyurt 04/13/2023

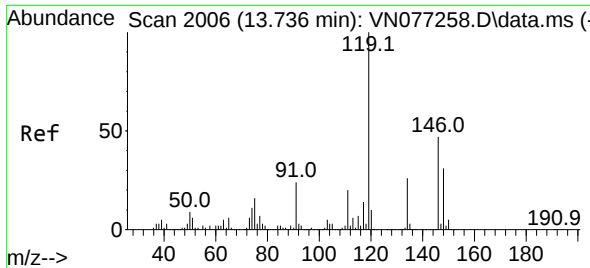


#86
 p-Isopropyltoluene
 Concen: 20.474 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077313.D
 Acq: 12 Apr 2023 13:29



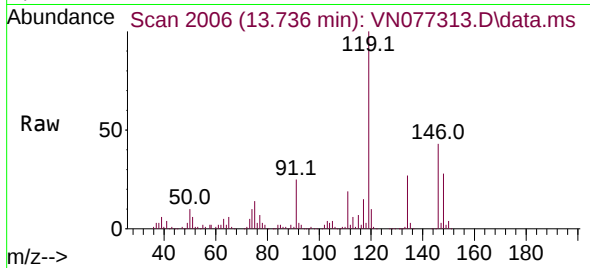
Tgt Ion:119 Resp: 516730
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 23.8 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 20.076 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

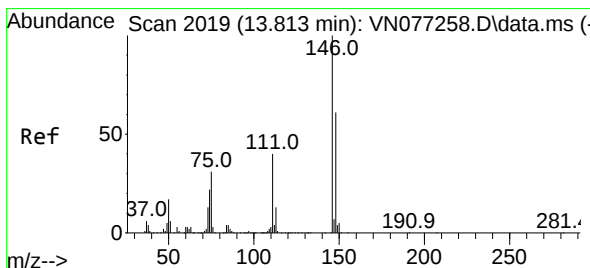
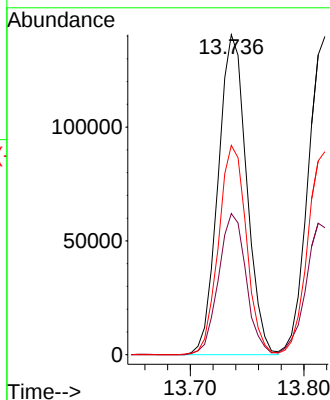
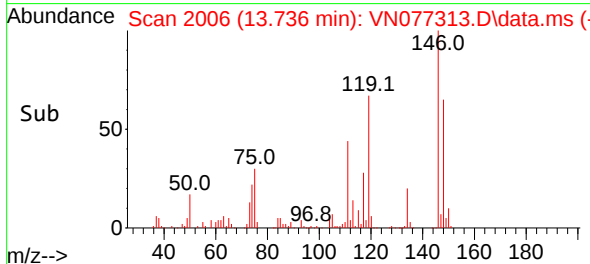
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



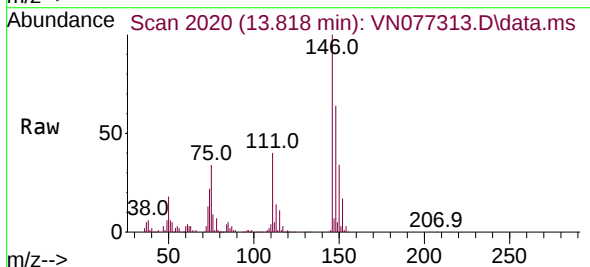
Tgt Ion:146 Resp: 244776
Ion Ratio Lower Upper
146 100
111 42.7 21.8 65.4
148 63.9 31.7 95.1

Manual Integrations
APPROVED

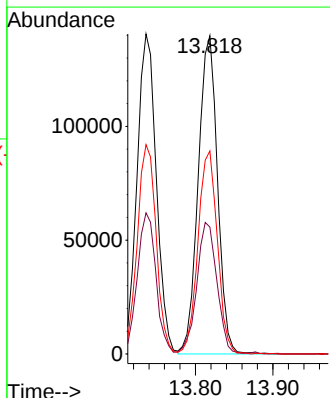
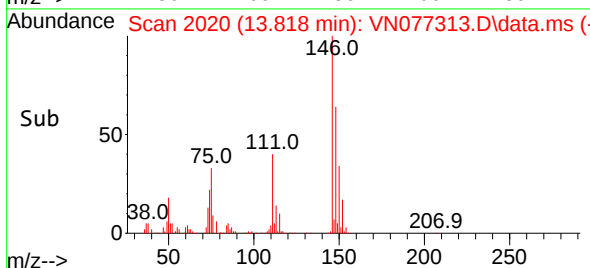
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023

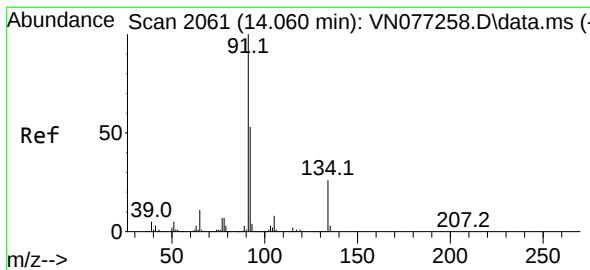


#88
1,4-Dichlorobenzene
Concen: 20.110 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.005 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29



Tgt Ion:146 Resp: 241797
Ion Ratio Lower Upper
146 100
111 42.7 20.4 61.2
148 64.2 31.6 95.0





#89

n-Butylbenzene

Concen: 20.047 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBSD01

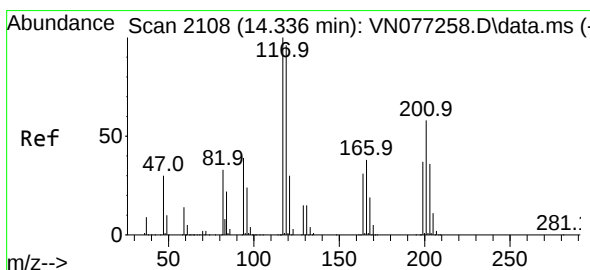
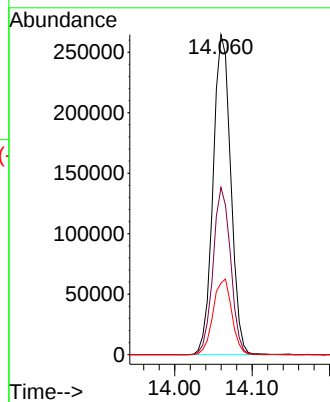
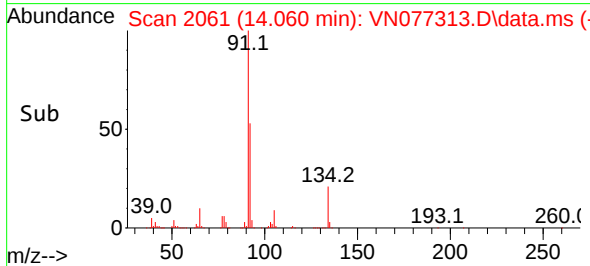
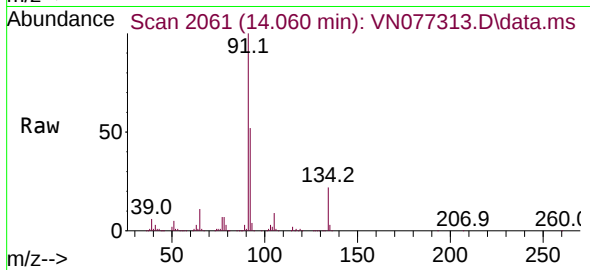
Tgt Ion:	91	Resp:	42001
Ion Ratio	Lower	Upper	
91	100		
92	51.9	26.7	80.0
134	24.9	12.8	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#90

Hexachloroethane

Concen: 20.155 ug/l

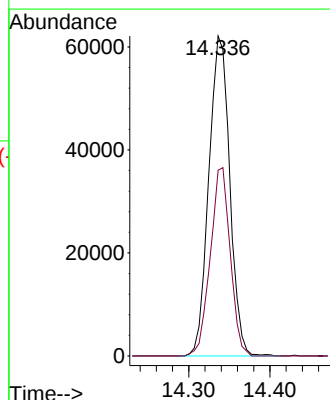
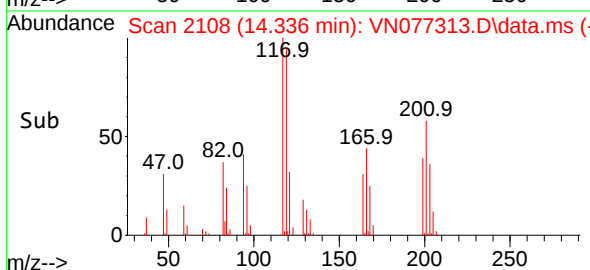
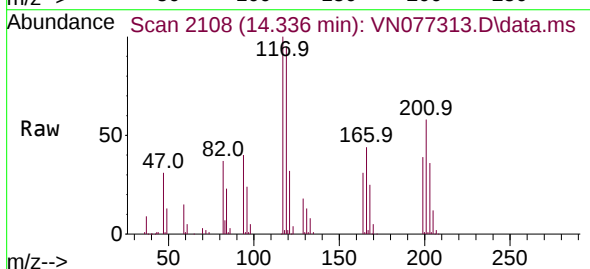
RT: 14.336 min Scan# 2108

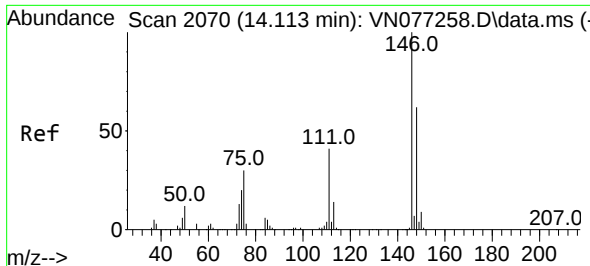
Delta R.T. 0.000 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

Tgt Ion:	117	Resp:	111216
Ion Ratio	Lower	Upper	
117	100		
201	56.0	29.8	89.5





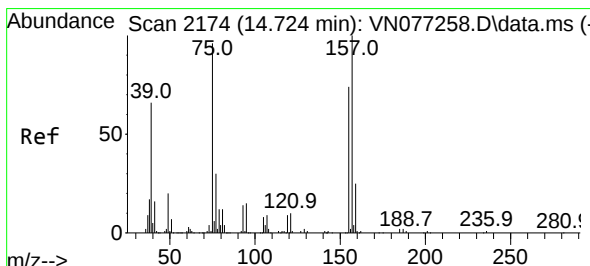
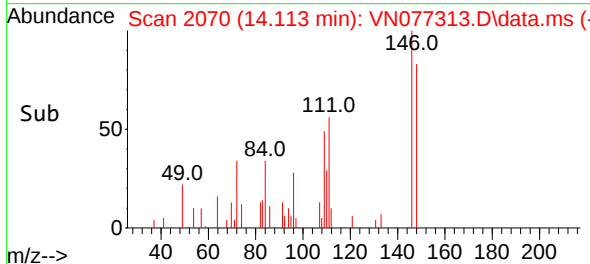
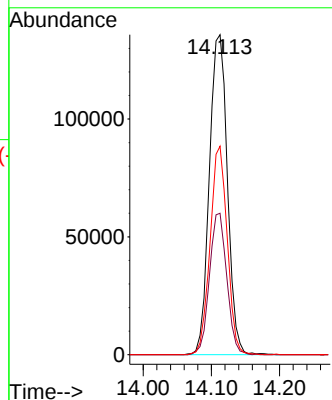
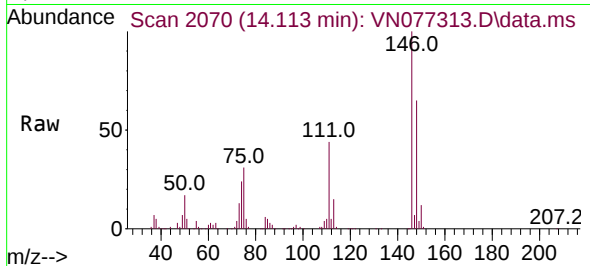
#91
1,2-Dichlorobenzene
Concen: 20.462 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion:146 Resp: 24957
Ion Ratio Lower Upper
146 100
111 42.5 21.9 65.5
148 62.0 31.9 95.5

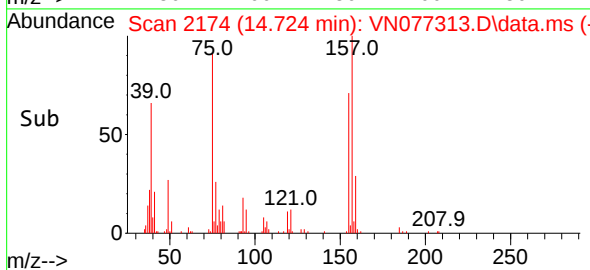
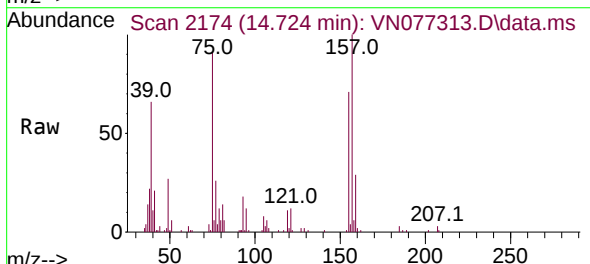
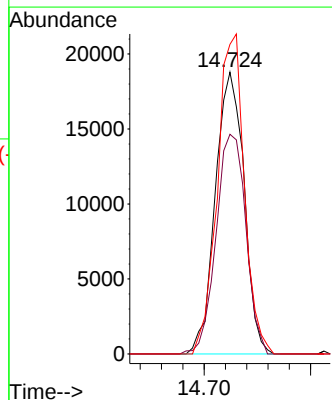
Manual Integrations
APPROVED

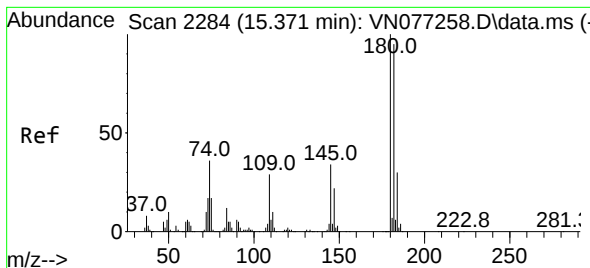
Reviewed By :John Carlone 04/13/2023
Supervised By :Semsettin Yesilyurt 04/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.199 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077313.D
Acq: 12 Apr 2023 13:29

Tgt Ion: 75 Resp: 35081
Ion Ratio Lower Upper
75 100
155 81.0 41.0 123.2
157 106.9 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 17.379 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBSD01

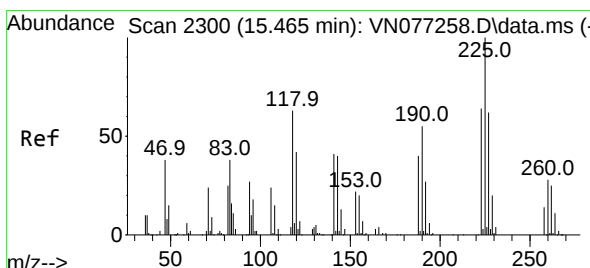
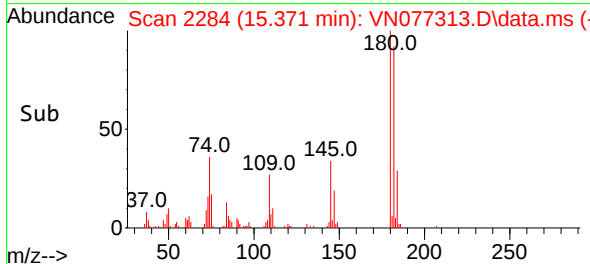
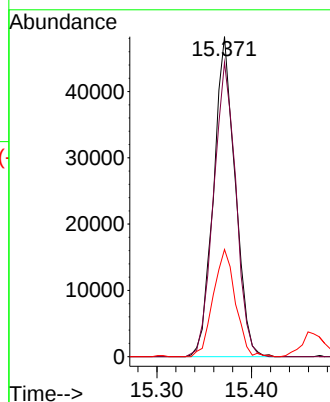
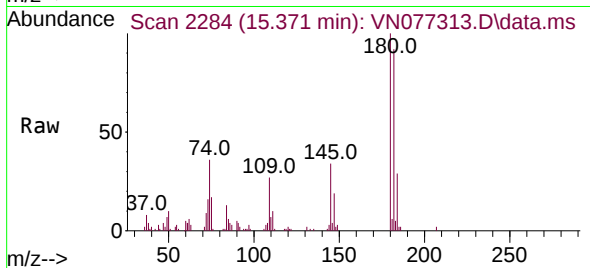
Tgt Ion:180	Resp:	7652
Ion Ratio	Lower	Upper
180	100	
182	94.8	46.7 140.0
145	34.4	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#94

Hexachlorobutadiene

Concen: 19.098 ug/l

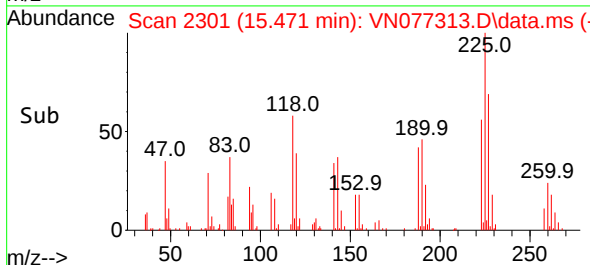
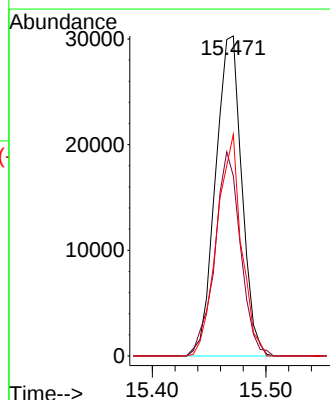
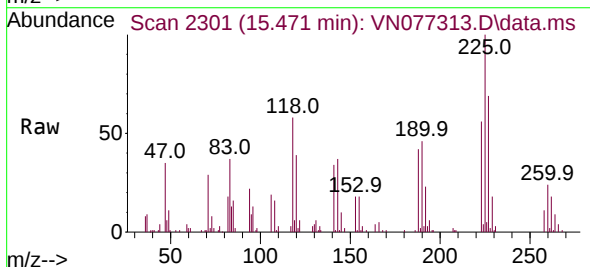
RT: 15.471 min Scan# 2301

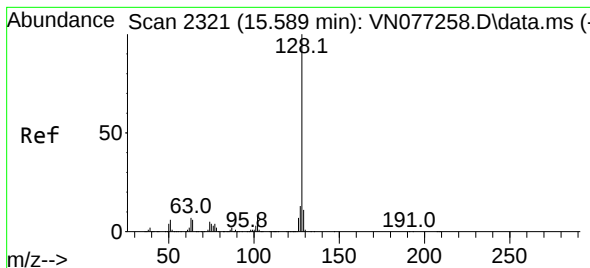
Delta R.T. 0.006 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

Tgt Ion:225	Resp:	48676
Ion Ratio	Lower	Upper
225	100	
223	62.3	31.7 95.1
227	64.9	31.2 93.6





#95

Naphthalene

Concen: 17.040 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBSD01

Tgt Ion:128 Resp: 281849

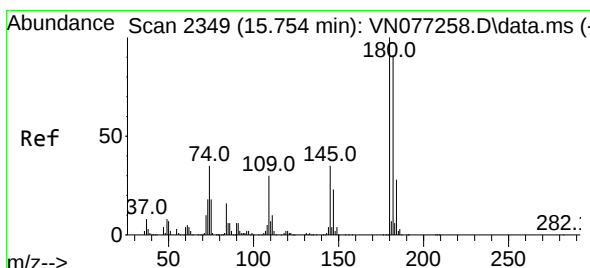
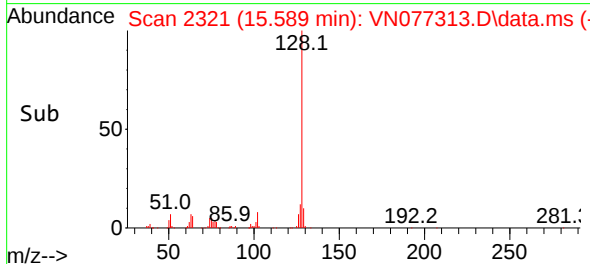
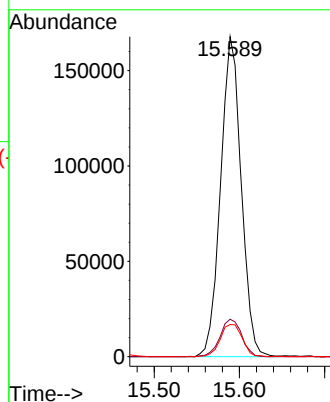
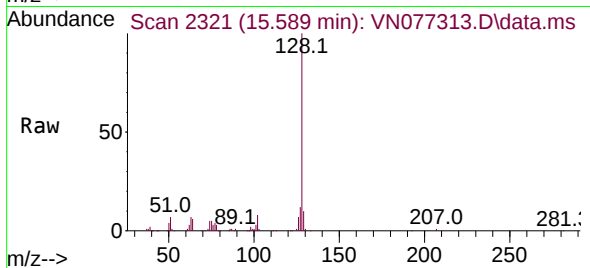
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2023

Supervised By :Semsettin Yesilyurt 04/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.901 ug/l

RT: 15.760 min Scan# 2350

Delta R.T. 0.006 min

Lab File: VN077313.D

Acq: 12 Apr 2023 13:29

Tgt Ion:180 Resp: 71180

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.8
145	36.1	17.6	52.8

