

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077199.D
 Acq On : 27 Mar 2023 13:03
 Operator : JC\MD
 Sample : VN0327WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2023
 Supervised By : Semsettin Yesilyurt 03/28/2023

Quant Time: Mar 28 06:42:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	39519	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	271764	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	308506	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	122252	30.461	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.533%			
60) 4-Bromofluorobenzene	12.848	95	169612	30.604	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.000%			
63) Toluene-d8	10.566	98	331153	30.070	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.233%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	69924	26.872	ug/l	94
3) Chloromethane	2.378	50	87207	21.059	ug/l	96
4) Vinyl Chloride	2.531	62	103114	17.661	ug/l	98
5) Bromomethane	2.966	94	74400	18.174	ug/l	91
6) Chloroethane	3.137	64	92610	19.027	ug/l	97
7) Trichlorofluoromethane	3.507	101	212540	25.288	ug/l	99
8) Diethyl Ether	3.966	74	72666	24.641	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	89566	20.380	ug/l	98
10) 1,1-Dichloroethene	4.354	96	82472	20.056	ug/l	96
11) Methyl Iodide	4.601	142	94823	21.652	ug/l	92
12) Methyl Acetate	5.031	43	174564	19.686	ug/l	95
13) Acrolein	4.190	56	131224	109.201	ug/l	97
14) Acrylonitrile	5.731	53	265904	98.856	ug/l	99
15) Acetone	4.437	58	80136	113.940	ug/l	93
16) Carbon Disulfide	4.725	76	218773	18.838	ug/l	95
17) Allyl chloride	5.037	41	146875	20.308	ug/l	96
18) Methylene Chloride	5.290	84	100673	19.920	ug/l	93
19) trans-1,2-Dichloroethene	5.796	96	87502	19.862	ug/l	99
20) Diisopropyl ether	6.678	45	333675	20.366	ug/l	91
21) 1,1-Dichloroethane	6.578	63	182695	19.807	ug/l	96
22) cis-1,2-Dichloroethene	7.490	96	104380	20.067	ug/l	97
23) tert-Butyl Alcohol	5.531	59	85035	93.138	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	294931	20.201	ug/l	99
25) Chloroform	7.972	83	183675	20.352	ug/l	95
26) Cyclohexane	8.260	56	147850	19.004	ug/l #	95
29) 1,1-Dichloropropene	8.378	75	128978	19.564	ug/l	98
30) 2-Butanone	7.490	43	376962	99.115	ug/l	98
31) 2,2-Dichloropropane	7.501	77	143121	23.175	ug/l #	66
32) 1,1,1-Trichloroethane	8.178	97	153744	19.342	ug/l	99
33) Carbon Tetrachloride	8.366	117	131221	19.651	ug/l	100
34) Benzene	8.613	78	397760	19.683	ug/l	96
35) Methacrylonitrile	7.784	41	82393	19.735	ug/l	94
36) 1,2-Dichloroethane	8.678	62	150514	20.203	ug/l	98
37) Trichloroethene	9.360	130	90088	19.719	ug/l	100
38) Methylcyclohexane	9.607	83	151246	19.272	ug/l	96
39) 1,2-Dichloropropane	9.625	63	106682	19.719	ug/l	100
40) Dibromomethane	9.713	93	72874	21.065	ug/l	99
41) Bromodichloromethane	9.889	83	143361	20.350	ug/l	96
42) Vinyl Acetate	6.613	43	1126830	98.846	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	150723	19.837	ug/l	99
44) Isopropyl Acetate	8.695	43	234887	19.157	ug/l	99
45) 1,4-Dioxane	9.701	88	40986	411.091	ug/l	94
46) Methyl methacrylate	9.684	41	113776	20.125	ug/l	99
47) n-amyl Acetate	12.495	43	189403	18.361	ug/l	96
48) t-1,3-Dichloropropene	10.836	75	142618	19.931	ug/l	95
49) cis-1,3-Dichloropropene	10.313	75	162007	20.681	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	97878	20.155	ug/l	98
51) Ethyl methacrylate	10.878	69	143767	19.174	ug/l	98
52) 1,3-Dichloropropane	11.166	76	175054	20.307	ug/l	99
53) Dibromochloromethane	11.360	129	103210	20.527	ug/l	98
54) 1,2-Dibromoethane	11.472	107	96016	20.092	ug/l	100
55) 2-Chloroethyl vinyl ether	10.166	63	309653	98.774	ug/l	99
56) Bromoform	12.577	173	70825	20.073	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	757355	95.118	ug/l	98
59) 2-Hexanone	11.201	43	543880	93.682	ug/l	98
61) Tetrachloroethene	11.107	164	78809	20.354	ug/l	95
62) Toluene	10.631	91	418194	19.287	ug/l	100
64) Chlorobenzene	11.895	112	254652	19.851	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.960	131	94565	20.073	ug/l	96
66) Ethyl Benzene	11.966	91	454095	19.491	ug/l	99
67) m/p-Xylenes	12.077	106	347036	38.707	ug/l	97
68) o-Xylene	12.401	106	169160	19.270	ug/l	99
69) Styrene	12.413	104	270003	18.941	ug/l	98
70) Isopropylbenzene	12.695	105	444554	19.529	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.942	83	145392	19.513	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	117974m	17.888	ug/l	
73) Bromobenzene	12.983	156	100110	19.671	ug/l	95
74) n-propylbenzene	13.036	91	509258	19.324	ug/l	100
75) 2-Chlorotoluene	13.130	91	306982	19.320	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	372635	19.721	ug/l	97
77) t-1,4-Dichloro-2-butene	12.742	75	41584	19.779	ug/l	93
78) 4-Chlorotoluene	13.224	91	294375	19.259	ug/l	97
79) tert-butylbenzene	13.442	119	315638	19.554	ug/l	97
80) 1,2,4-Trimethylbenzene	13.483	105	359859	19.191	ug/l	100
81) sec-Butylbenzene	13.619	105	444397	19.067	ug/l	100
82) p-Isopropyltoluene	13.730	119	360819	19.312	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	184467	19.576	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	182632	19.895	ug/l	98
85) n-Butylbenzene	14.060	91	299473	18.963	ug/l	98
86) Hexachloroethane	14.336	117	68509	19.228	ug/l	88
87) 1,2-Dichlorobenzene	14.107	146	184781	19.609	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	26897	18.813	ug/l	96
89) 1,2,4-Trichlorobenzene	15.395	180	72984	17.362	ug/l	98
90) Hexachlorobutadiene	15.507	225	47764	20.141	ug/l	97
91) Naphthalene	15.642	128	231327	16.769	ug/l	99
92) 1,2,3-Trichlorobenzene	15.848	180	71234	17.065	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

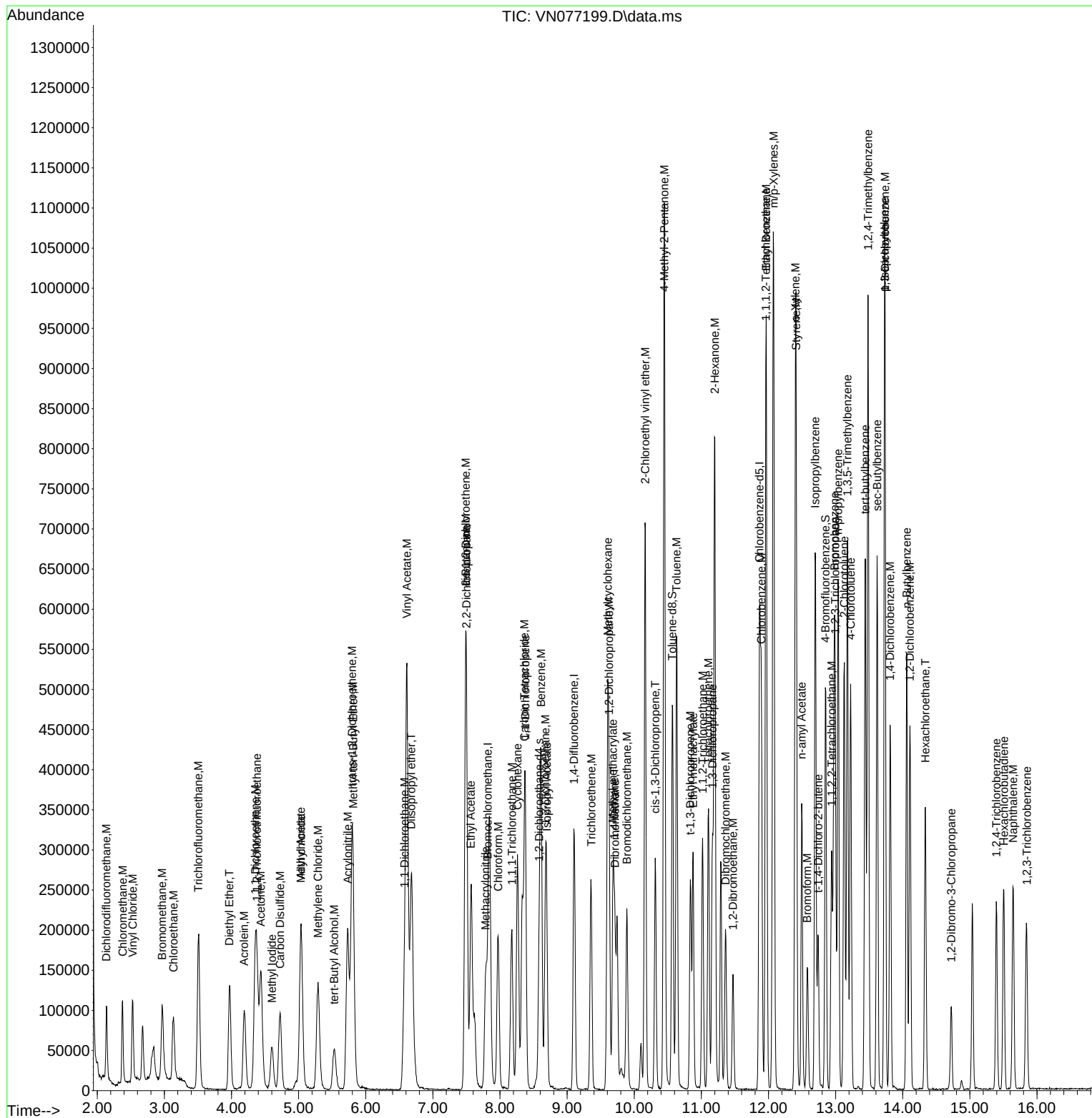
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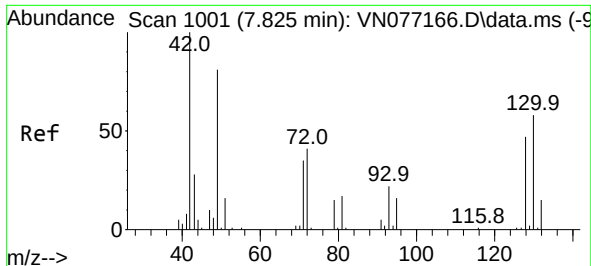
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Manual Integrations
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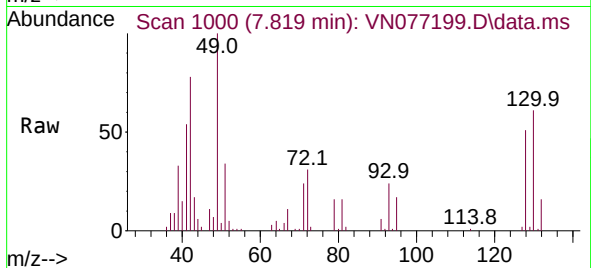
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QLast Update : Fri Mar 24 05:55:38 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

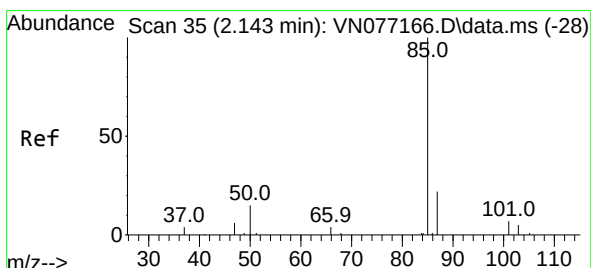
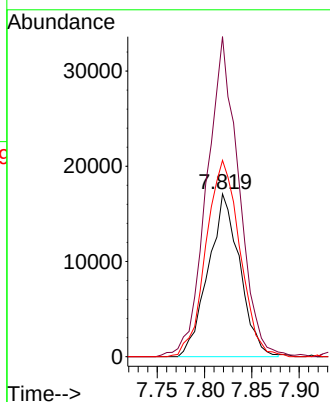
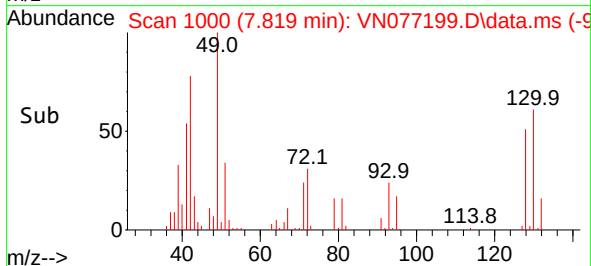
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion:128 Resp: 39519
Ion Ratio Lower Upper
128 100
49 200.2 0.0 461.8
130 130.1 0.0 295.3

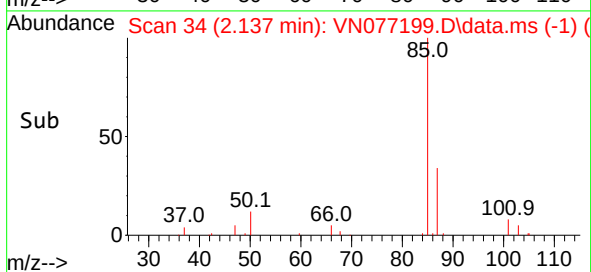
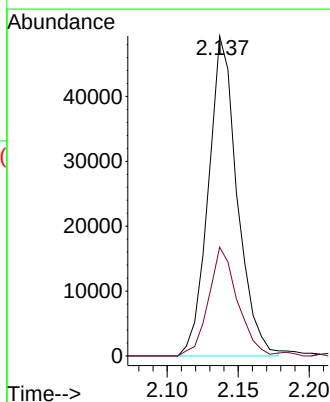
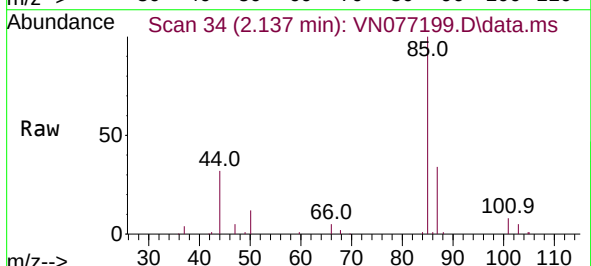
Manual Integrations
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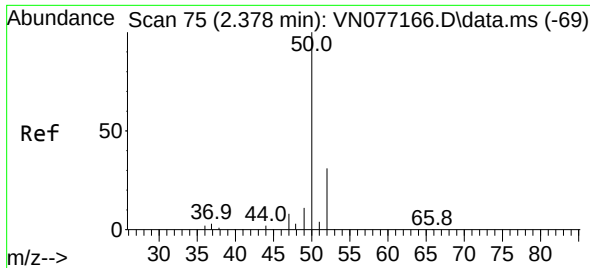
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#2
Dichlorodifluoromethane
Concen: 26.872 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion: 85 Resp: 69924
Ion Ratio Lower Upper
85 100
87 34.0 15.4 46.1





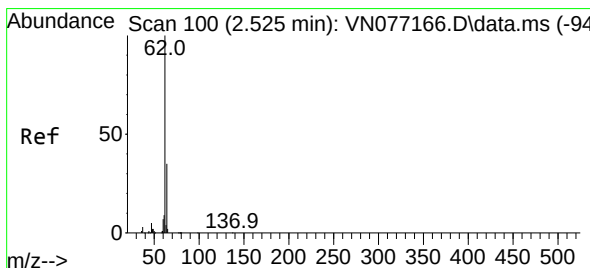
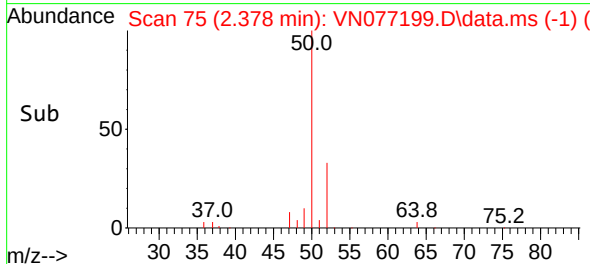
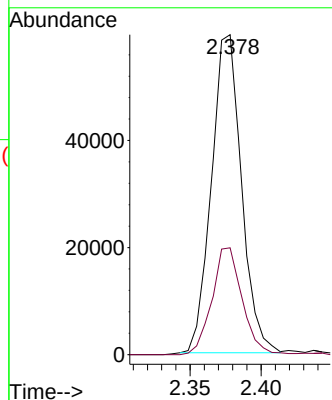
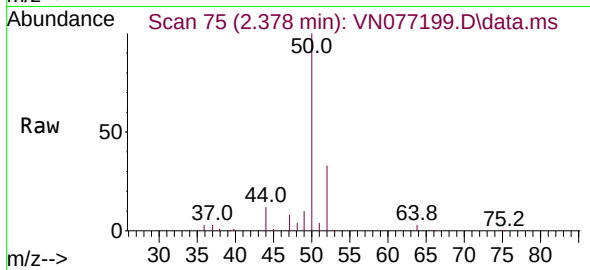
#3
Chloromethane
Concen: 21.059 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
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Tgt Ion: 50 Resp: 8720
Ion Ratio Lower Upper
50 100
52 33.6 25.3 37.9

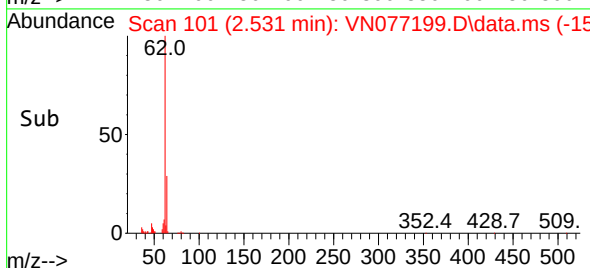
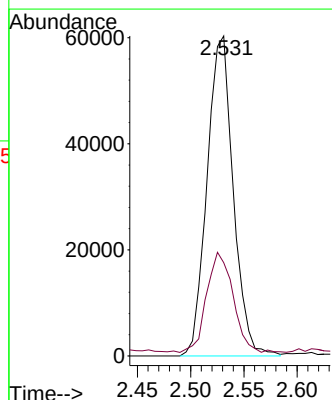
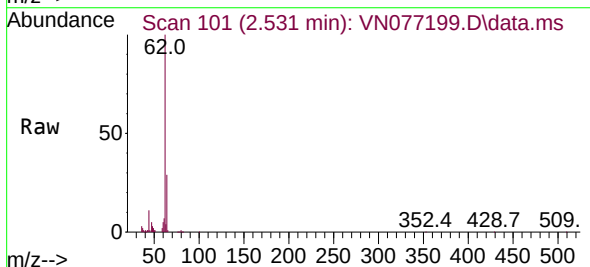
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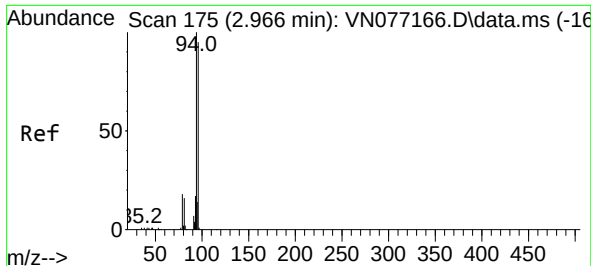
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#4
Vinyl Chloride
Concen: 17.661 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

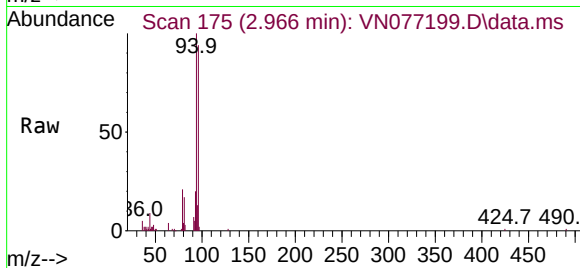
Tgt Ion: 62 Resp: 103114
Ion Ratio Lower Upper
62 100
64 28.0 23.1 34.7





#5
Bromomethane
Concen: 18.174 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

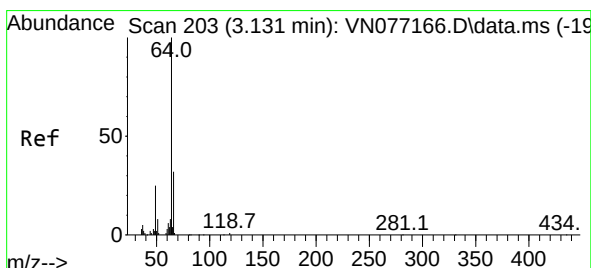
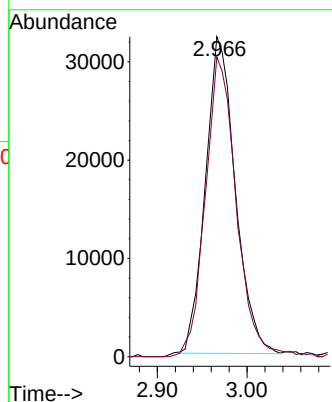
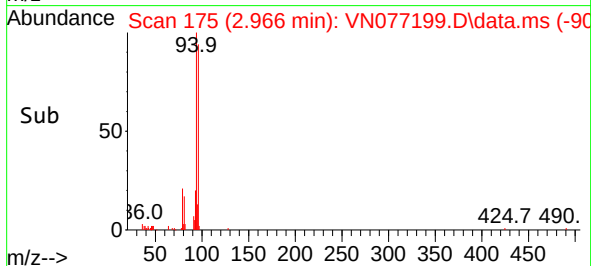
Instrument :
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Tgt Ion: 94 Resp: 74400
Ion Ratio Lower Upper
94 100
96 93.7 68.6 103.0

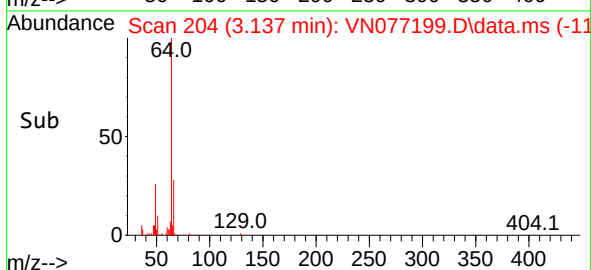
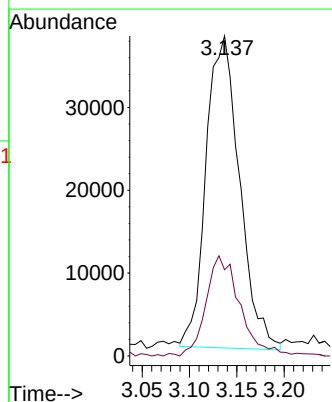
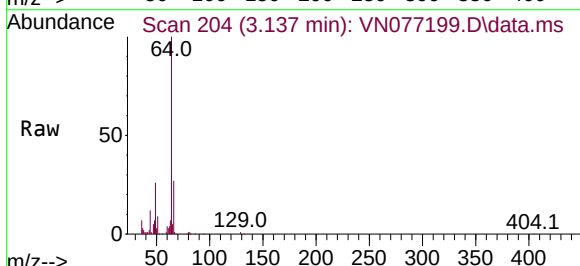
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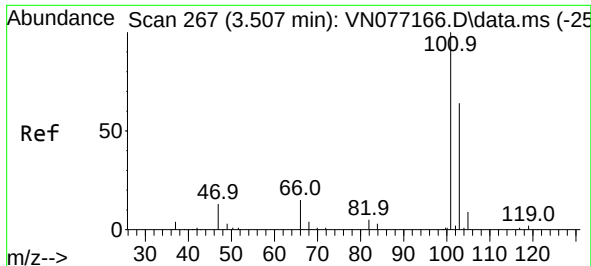
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#6
Chloroethane
Concen: 19.027 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

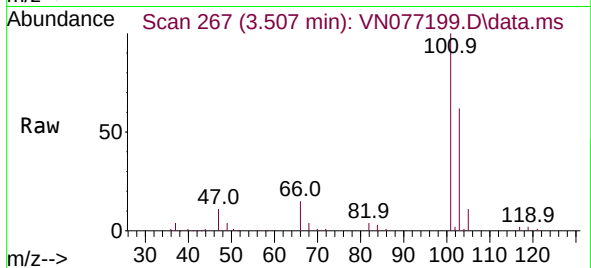
Tgt Ion: 64 Resp: 92610
Ion Ratio Lower Upper
64 100
66 28.0 23.8 35.6





#7
Trichlorofluoromethane
Concen: 25.288 ug/l
RT: 3.507 min Scan# 212540
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

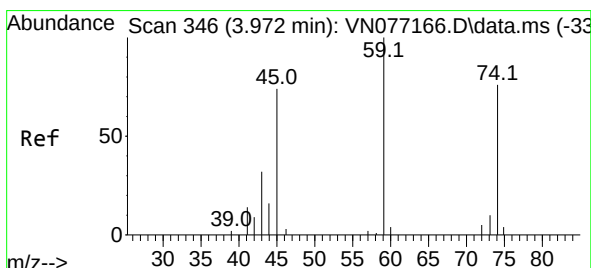
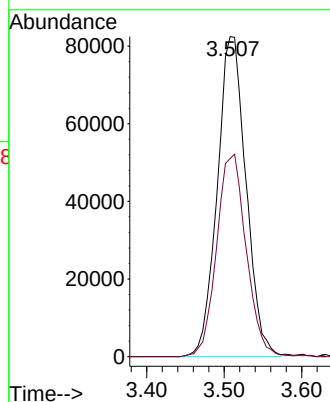
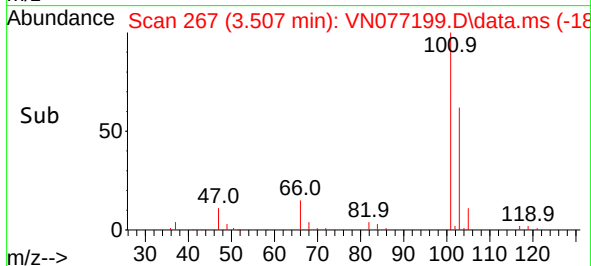
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Tgt Ion:101 Resp: 212540
Ion Ratio Lower Upper
101 100
103 61.9 50.2 75.2

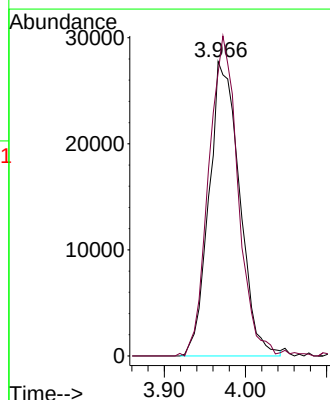
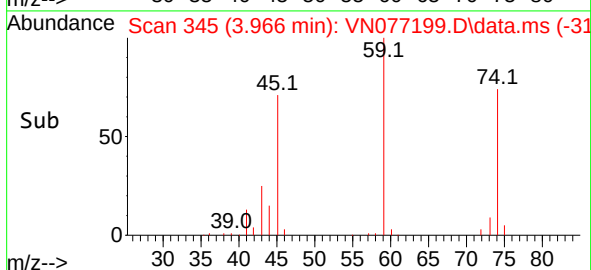
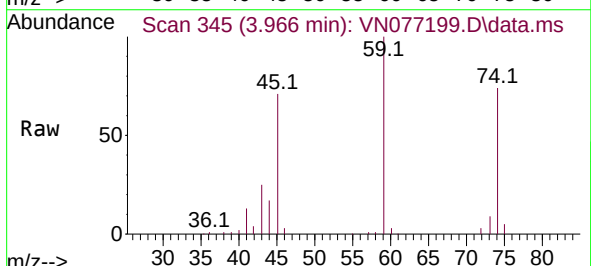
Manual Integrations
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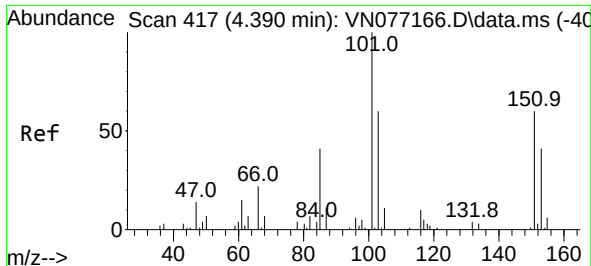
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#8
Diethyl Ether
Concen: 24.641 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077199.D
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Tgt Ion: 74 Resp: 72666
Ion Ratio Lower Upper
74 100
45 104.0 21.4 193.0





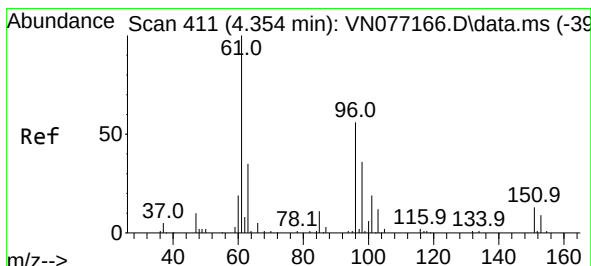
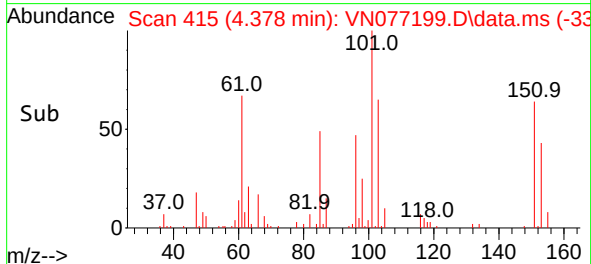
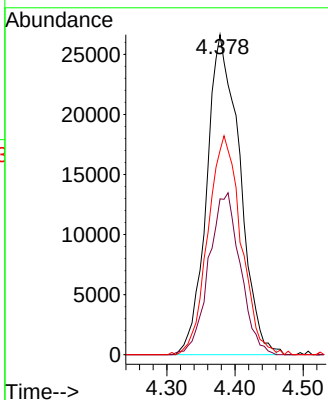
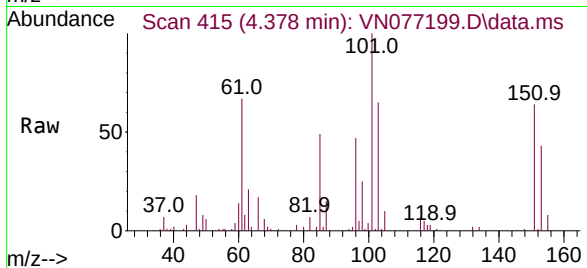
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.380 ug/l
RT: 4.378 min Scan# 417
Delta R.T. -0.012 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 89560
Ion Ratio Lower Upper
101 100
85 48.4 0.0 95.2
151 68.6 0.0 142.2

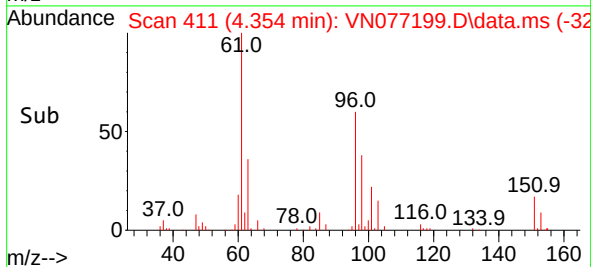
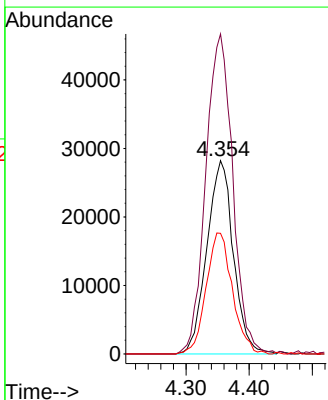
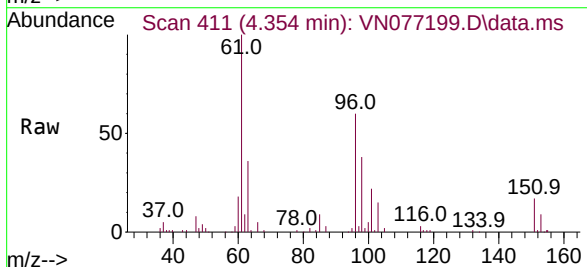
Manual Integrations
APPROVED

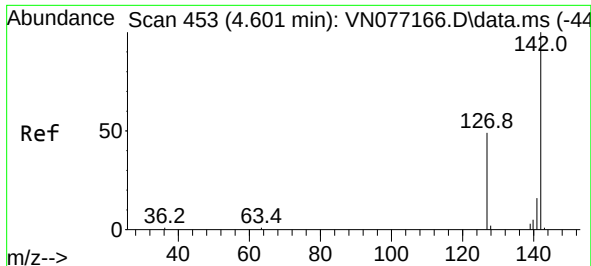
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#10
1,1-Dichloroethene
Concen: 20.056 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

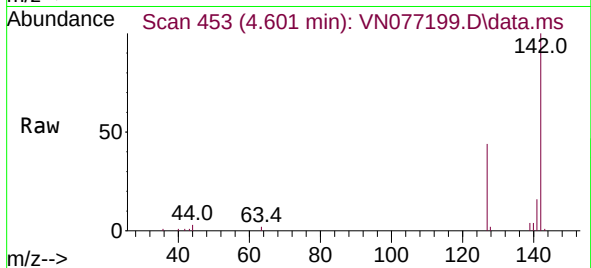
Tgt Ion: 96 Resp: 82472
Ion Ratio Lower Upper
96 100
61 165.6 137.1 205.7
98 62.5 53.2 79.8





#11
Methyl Iodide
Concen: 21.652 ug/l
RT: 4.601 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

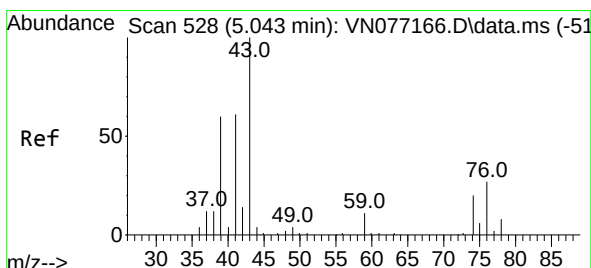
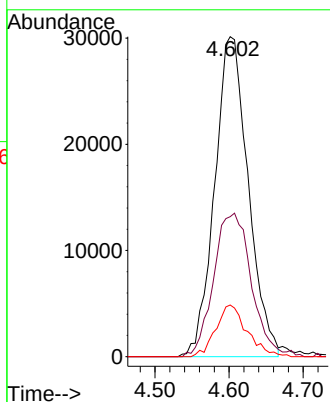
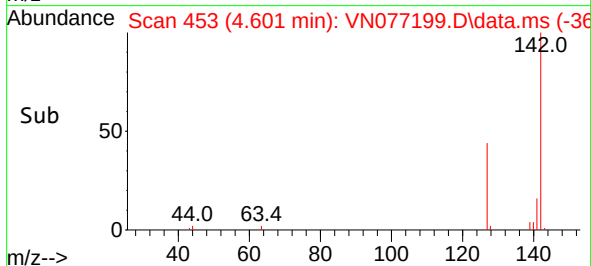
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



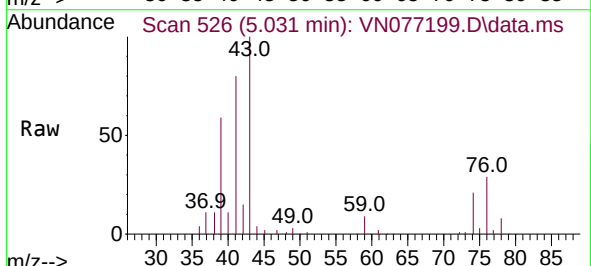
Tgt Ion:142 Resp: 9482
Ion Ratio Lower Upper
142 100
127 43.2 25.0 75.0
141 16.0 8.0 24.0

Manual Integrations
APPROVED

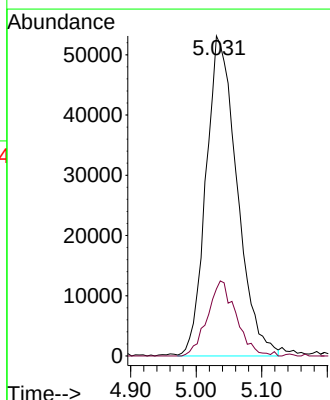
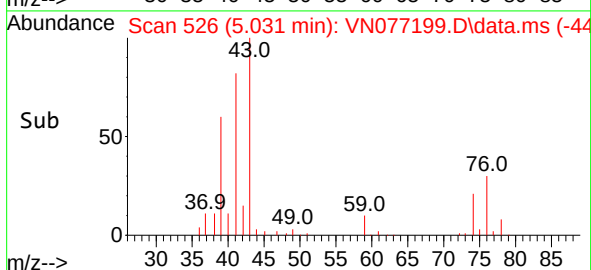
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

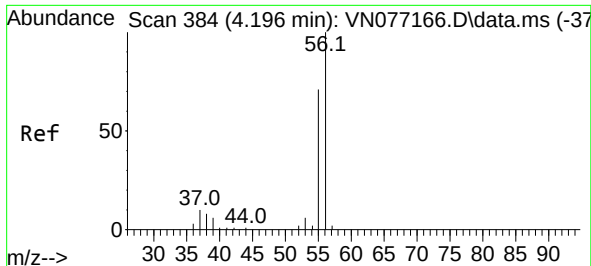


#12
Methyl Acetate
Concen: 19.686 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03



Tgt Ion: 43 Resp: 174564
Ion Ratio Lower Upper
43 100
74 21.2 19.0 28.4





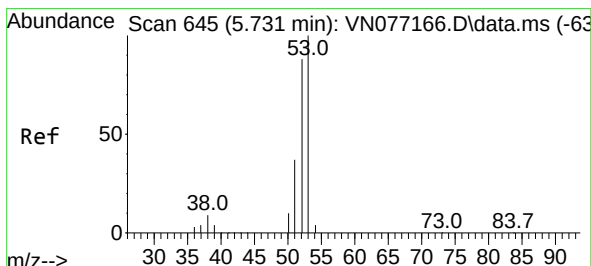
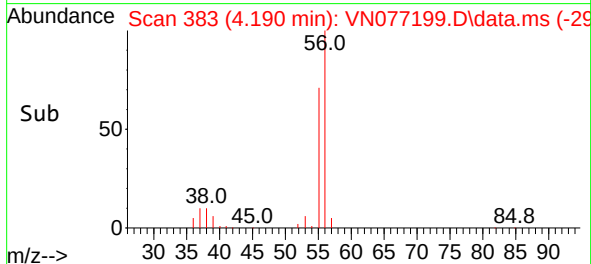
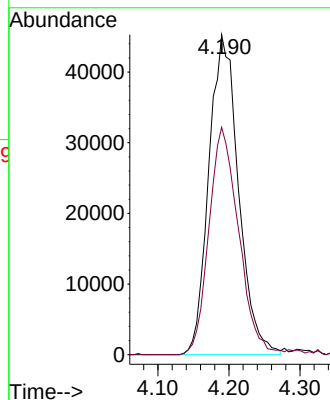
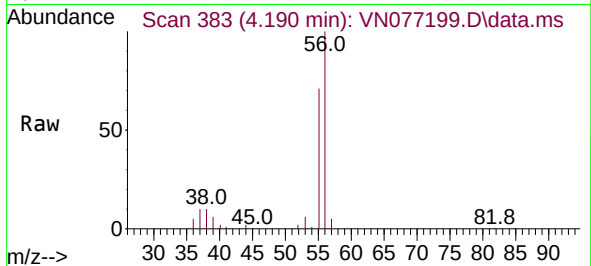
#13
Acrolein
Concen: 109.201 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 56 Resp: 131224
Ion Ratio Lower Upper
56 100
55 71.2 55.0 82.4

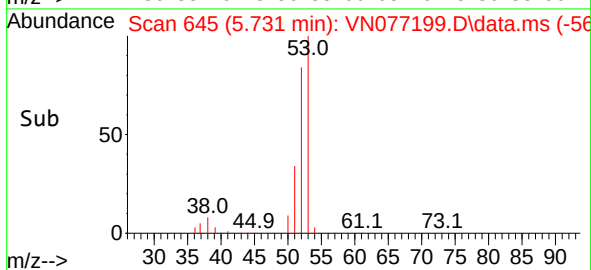
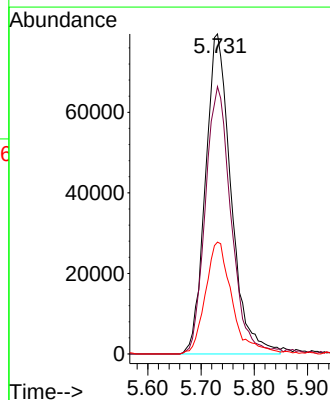
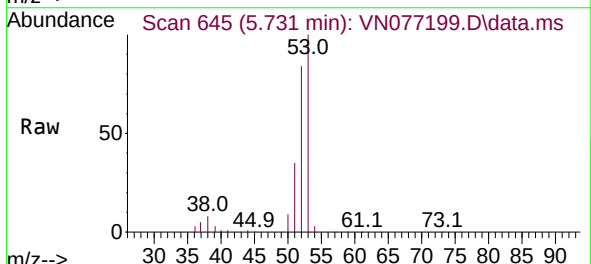
Manual Integrations
APPROVED

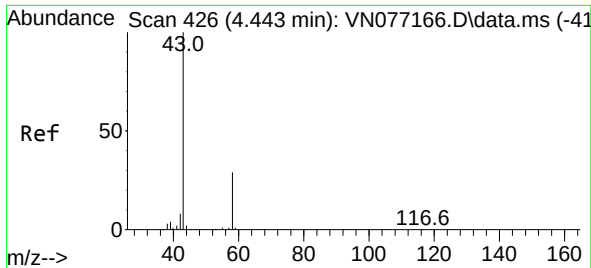
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#14
Acrylonitrile
Concen: 98.856 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion: 53 Resp: 265904
Ion Ratio Lower Upper
53 100
52 83.7 41.5 124.6
51 33.4 17.6 52.8





#15

Acetone

Concen: 113.940 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion: 58 Resp: 80130

Ion Ratio Lower Upper

58 100

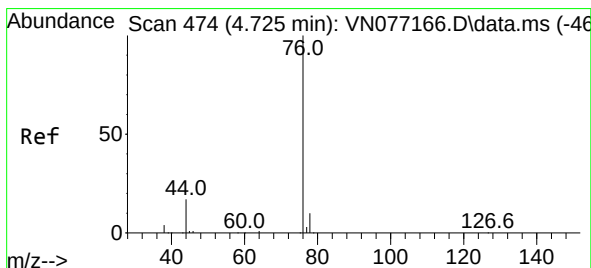
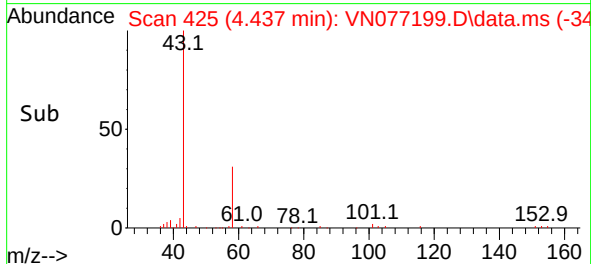
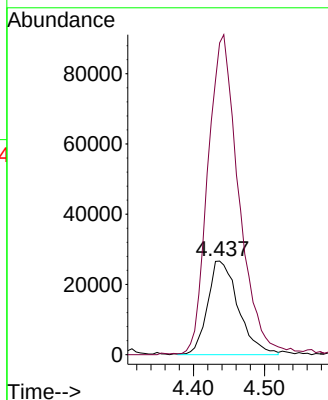
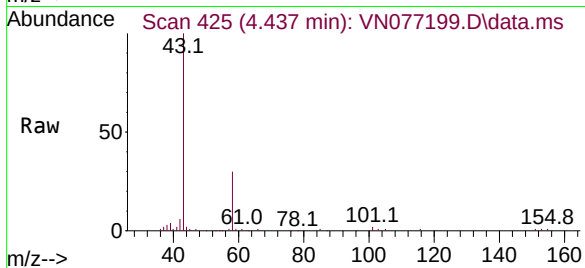
43 334.3 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#16

Carbon Disulfide

Concen: 18.838 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.000 min

Lab File: VN077199.D

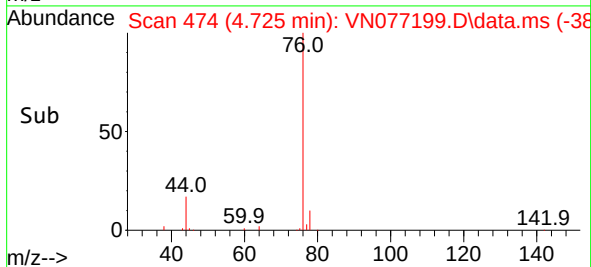
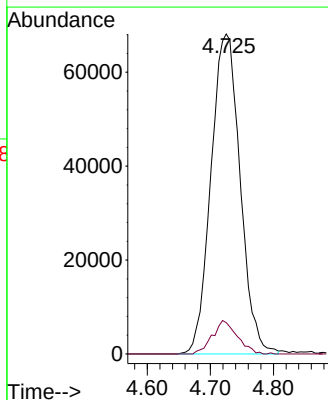
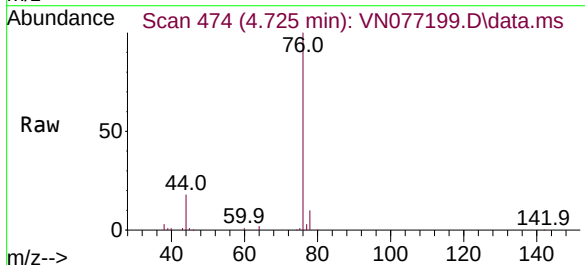
Acq: 27 Mar 2023 13:03

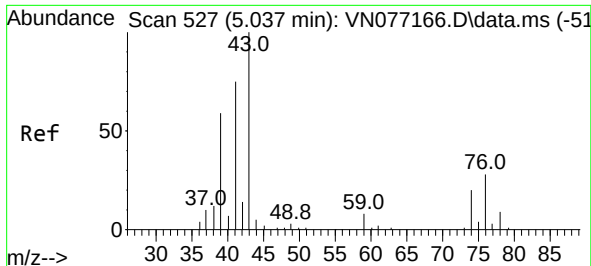
Tgt Ion: 76 Resp: 218773

Ion Ratio Lower Upper

76 100

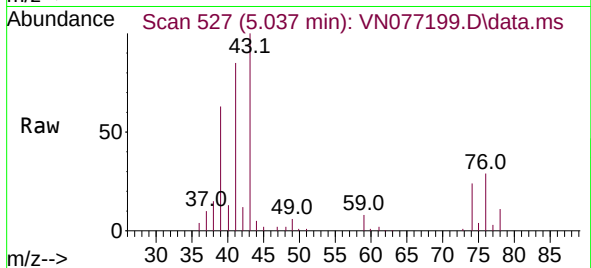
78 9.8 6.6 9.8





#17
 Allyl chloride
 Concen: 20.308 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077199.D
 Acq: 27 Mar 2023 13:03

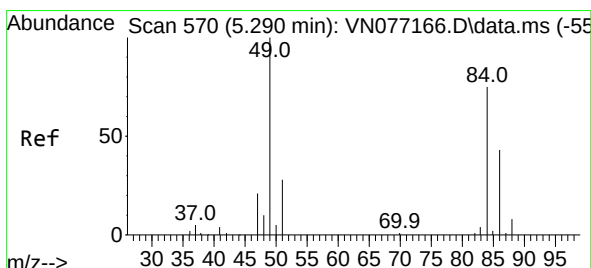
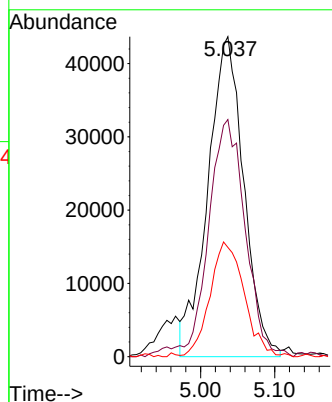
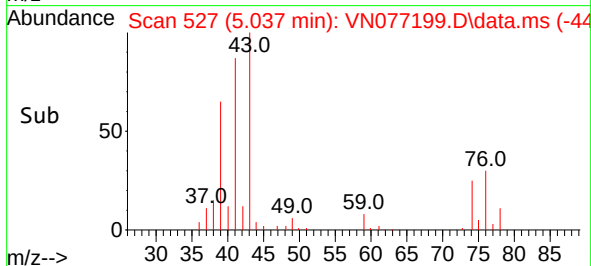
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD01



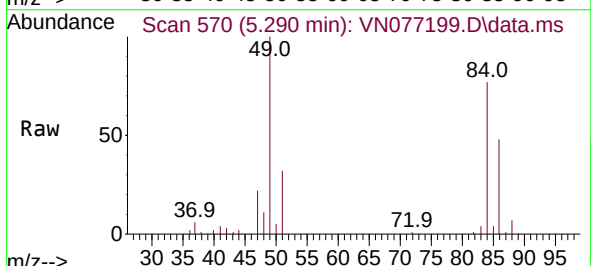
Tgt Ion: 41 Resp: 146879
 Ion Ratio Lower Upper
 41 100
 39 73.5 34.8 104.3
 76 34.4 17.5 52.5

Manual Integrations
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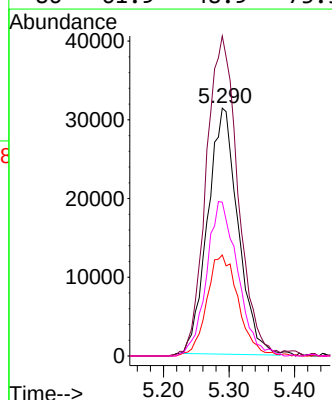
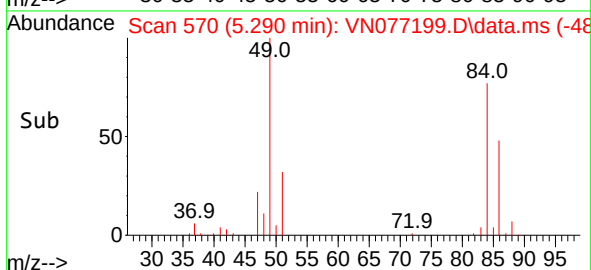
Reviewed By :John Carlone 03/28/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023

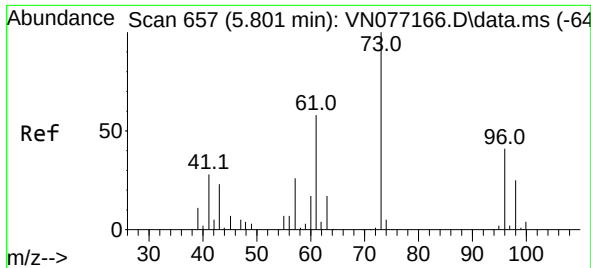


#18
 Methylene Chloride
 Concen: 19.920 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077199.D
 Acq: 27 Mar 2023 13:03



Tgt Ion: 84 Resp: 100673
 Ion Ratio Lower Upper
 84 100
 49 129.1 113.8 170.6
 51 40.6 34.2 51.4
 86 61.9 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 19.862 ug/l

RT: 5.796 min Scan# 61

Delta R.T. -0.005 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion: 96 Resp: 87502

Ion Ratio Lower Upper

96 100

61 138.9 111.0 166.4

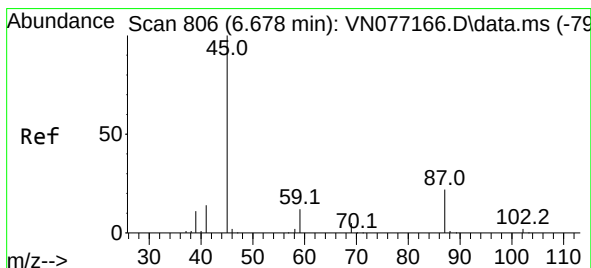
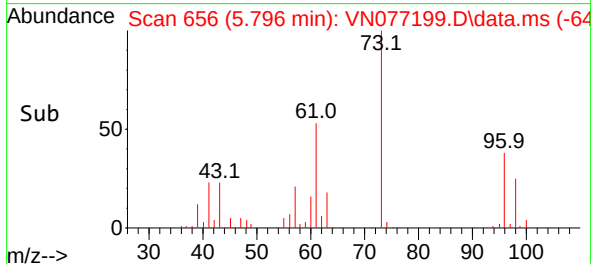
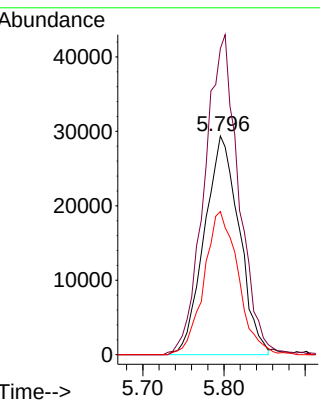
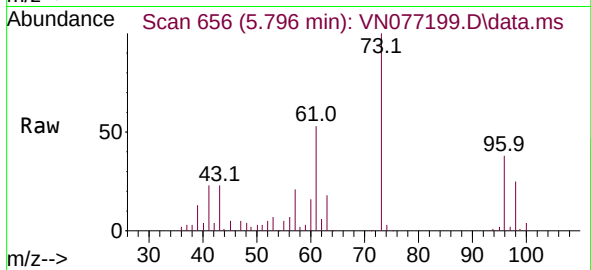
98 65.5 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#20

Diisopropyl ether

Concen: 20.366 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

Tgt Ion: 45 Resp: 333675

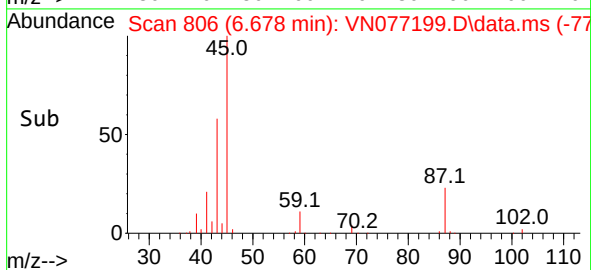
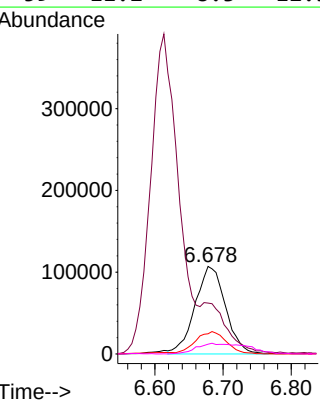
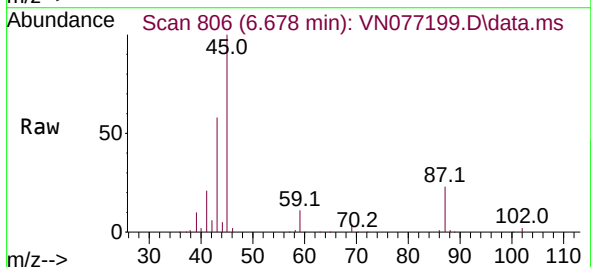
Ion Ratio Lower Upper

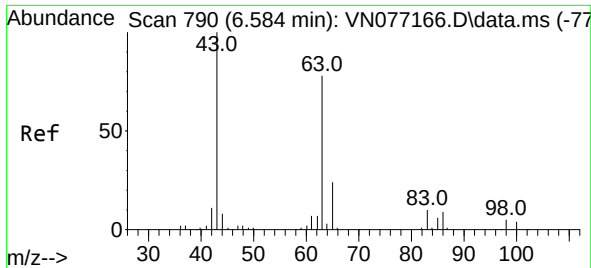
45 100

43 56.5 38.6 58.0

87 22.8 20.1 30.1

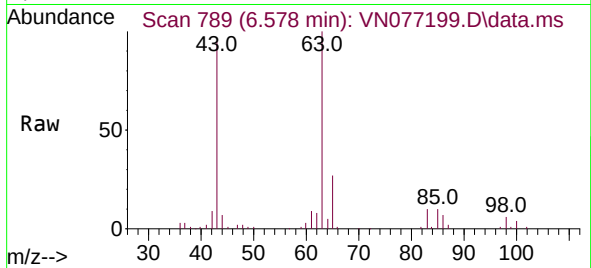
59 11.2 8.3 12.5





#21
1,1-Dichloroethane
Concen: 19.807 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

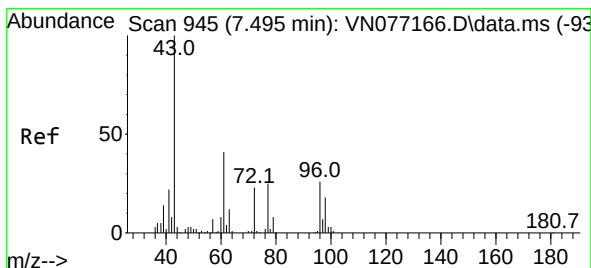
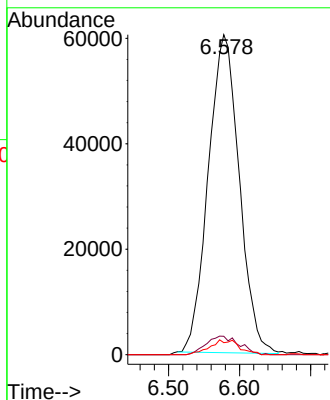
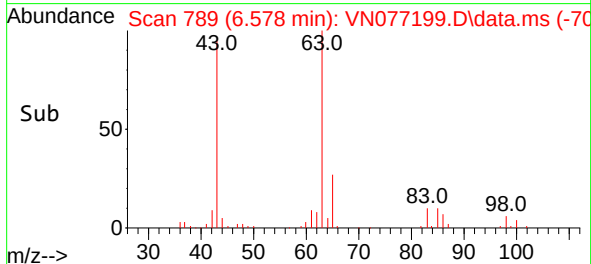
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 63 Resp: 18269
Ion Ratio Lower Upper
63 100
98 5.8 3.6 10.9
100 3.8 2.6 7.8

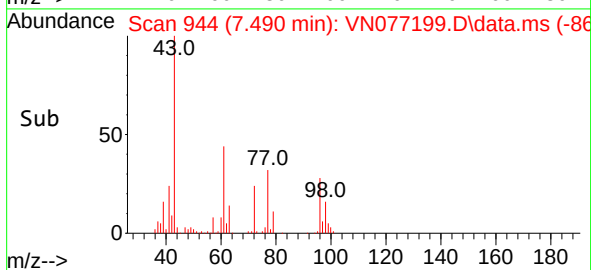
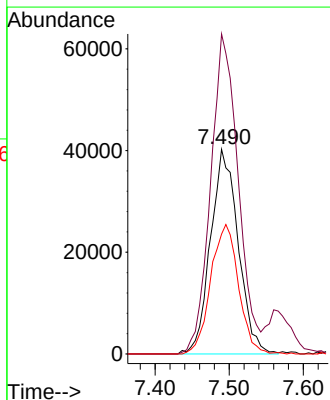
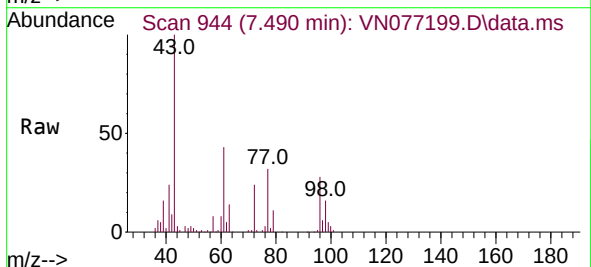
Manual Integrations
APPROVED

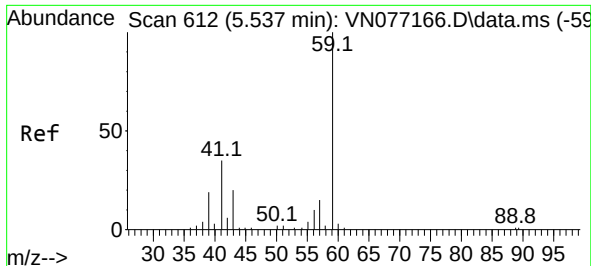
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#22
cis-1,2-Dichloroethene
Concen: 20.067 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.005 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

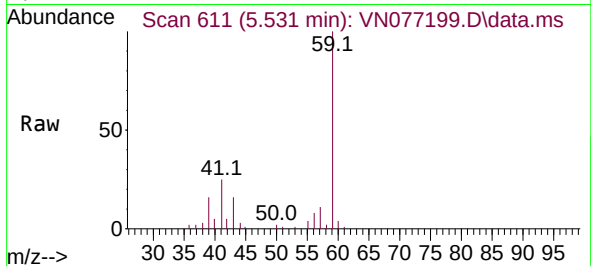
Tgt Ion: 96 Resp: 104380
Ion Ratio Lower Upper
96 100
61 155.8 121.0 181.4
98 63.3 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 93.138 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

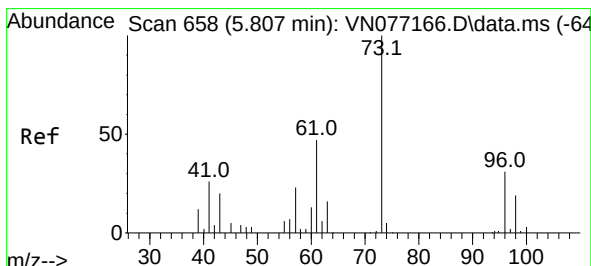
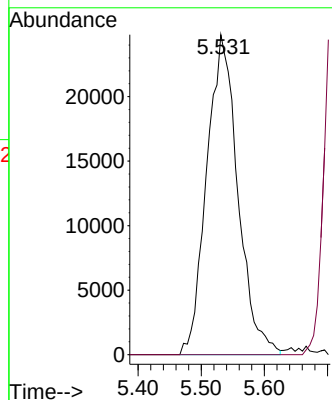
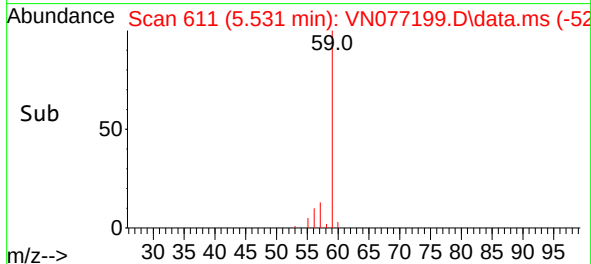
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



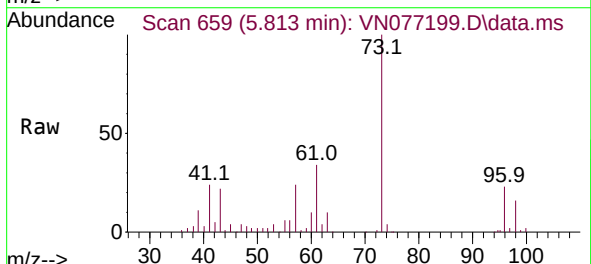
Tgt Ion: 59 Resp: 8503
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

Manual Integrations
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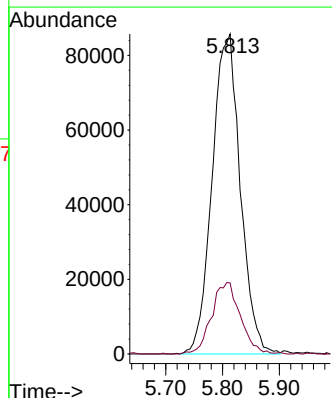
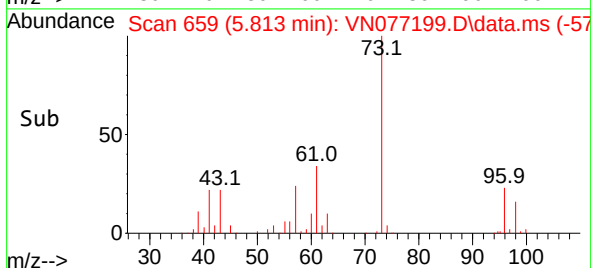
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

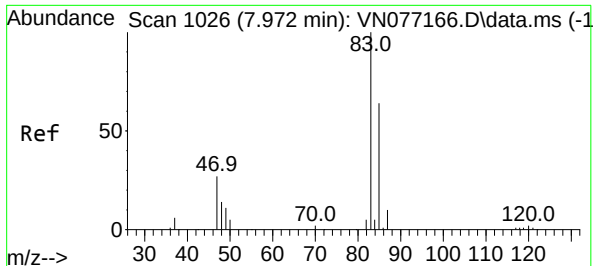


#24
Methyl tert-Butyl Ether
Concen: 20.201 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03



Tgt Ion: 73 Resp: 294931
Ion Ratio Lower Upper
73 100
43 22.7 17.8 26.6





#25

Chloroform

Concen: 20.352 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion: 83 Resp: 18367

Ion Ratio Lower Upper

83 100

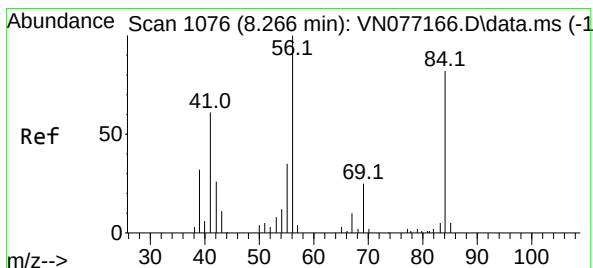
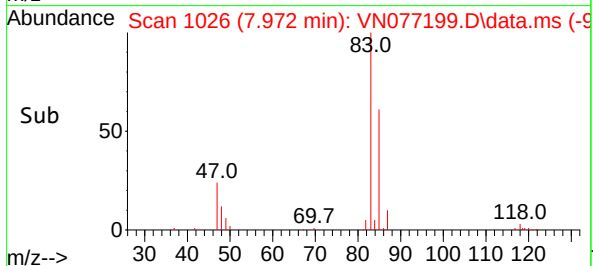
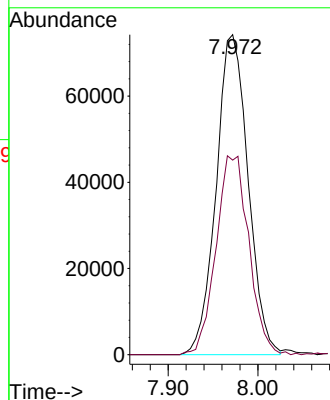
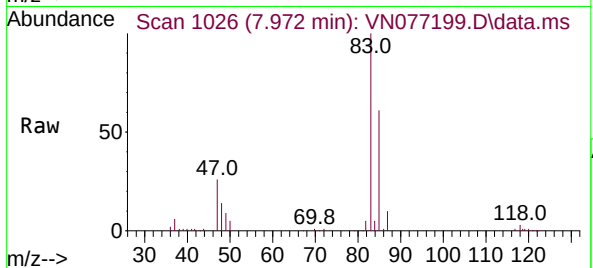
85 60.8 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#26

Cyclohexane

Concen: 19.004 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

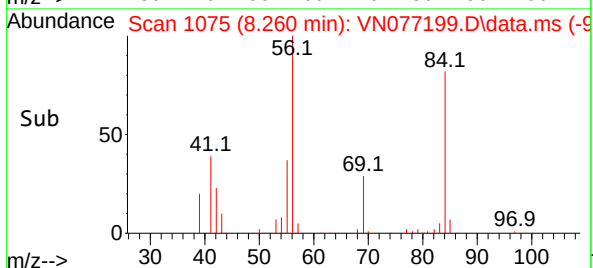
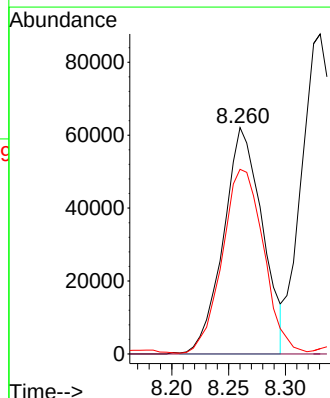
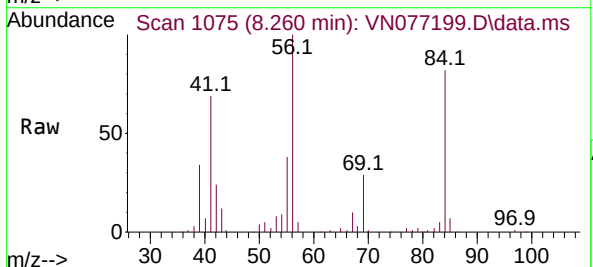
Tgt Ion: 56 Resp: 147850

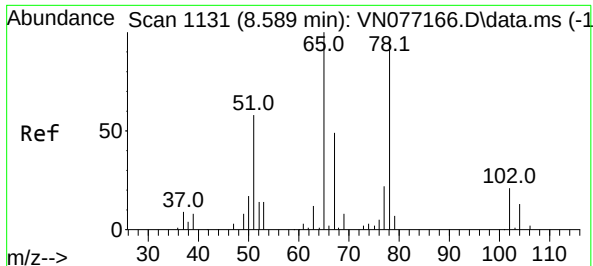
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.9 65.3 97.9





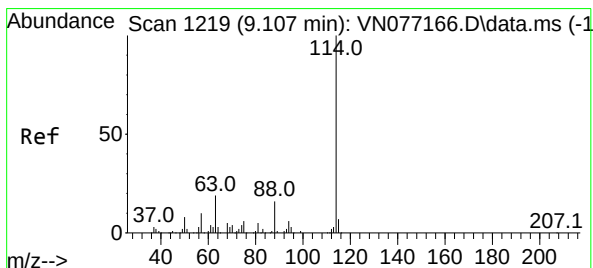
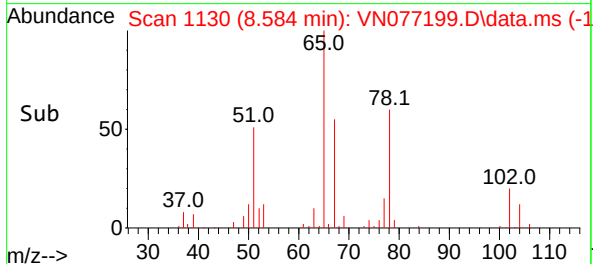
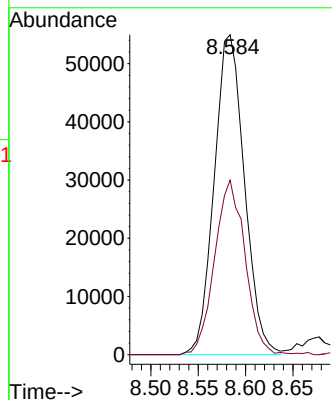
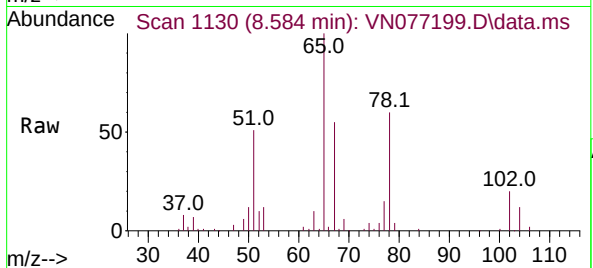
#27
1,2-Dichloroethane-d4
Concen: 30.461 ug/l
RT: 8.584 min Scan# 1131
Delta R.T. -0.005 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 65 Resp: 122252
Ion Ratio Lower Upper
65 100
67 54.5 40.9 61.3

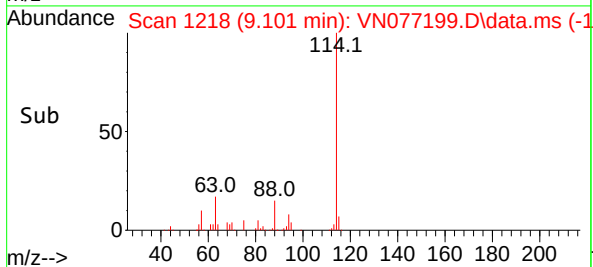
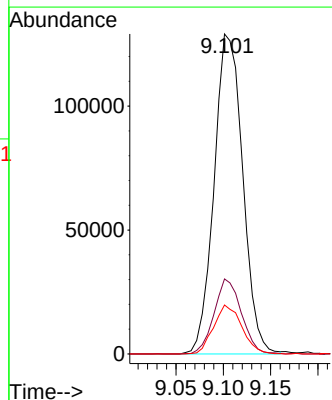
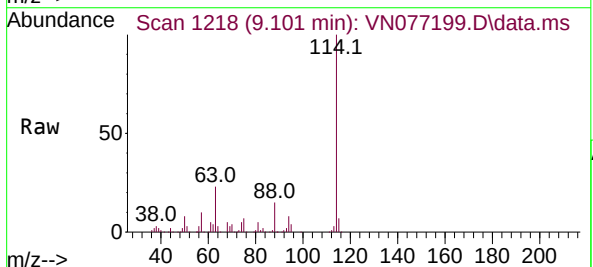
Manual Integrations
APPROVED

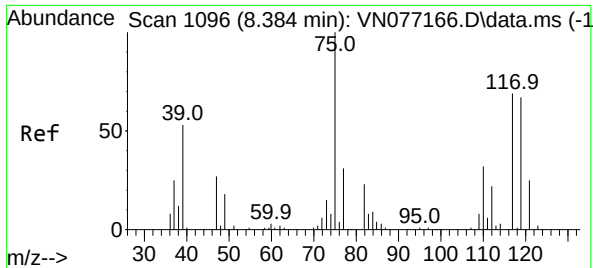
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.101 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion:114 Resp: 271764
Ion Ratio Lower Upper
114 100
63 22.3 17.0 25.4
88 15.0 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.564 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

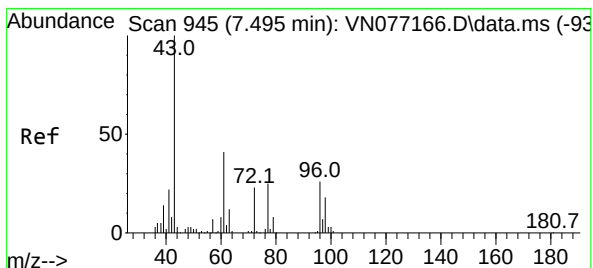
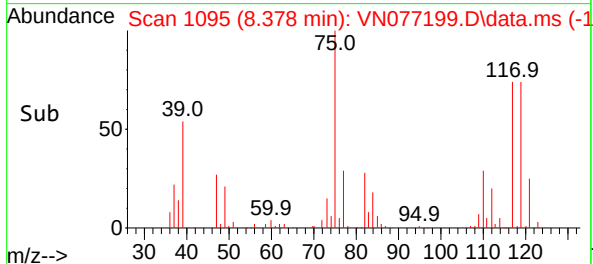
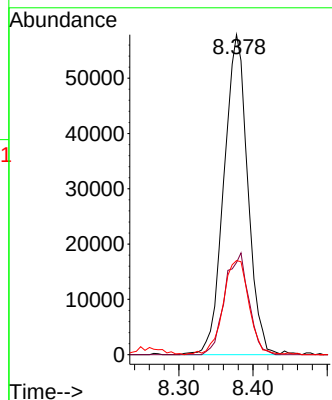
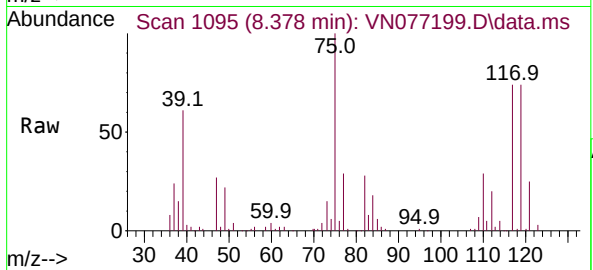
Tgt Ion: 75 Resp: 128978
Ion Ratio Lower Upper
75 100
110 32.0 0.0 67.2
77 31.9 0.0 64.4

Manual Integrations

APPROVED

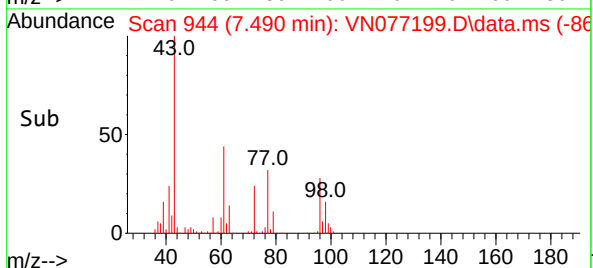
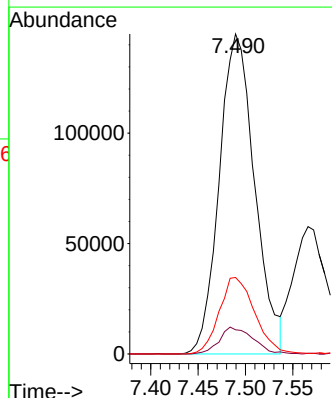
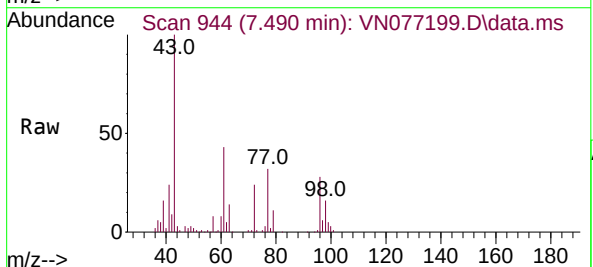
Reviewed By :John Carlone 03/28/2023

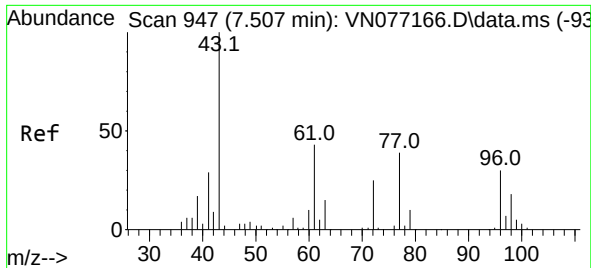
Supervised By :Semsettin Yesilyurt 03/28/2023



#30
2-Butanone
Concen: 99.115 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.005 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion: 43 Resp: 376962
Ion Ratio Lower Upper
43 100
57 8.0 6.1 9.1
72 24.0 20.2 30.4





#31

2,2-Dichloropropane

Concen: 23.175 ug/l

RT: 7.501 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion: 77 Resp: 14312

Ion Ratio Lower Upper

77 100

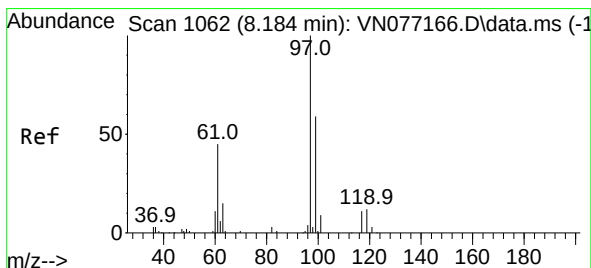
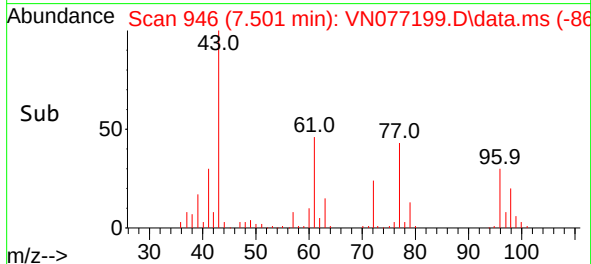
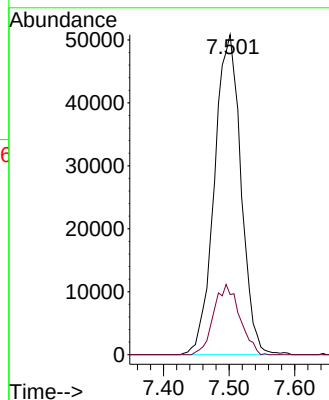
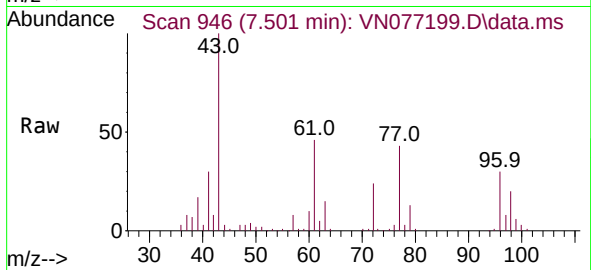
97 21.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#32

1,1,1-Trichloroethane

Concen: 19.342 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

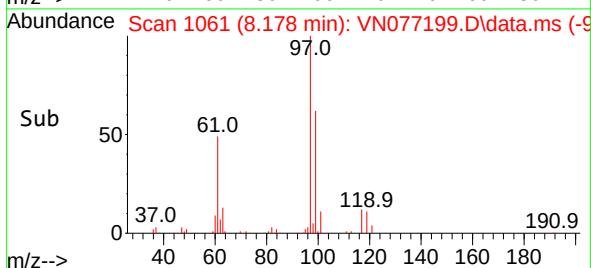
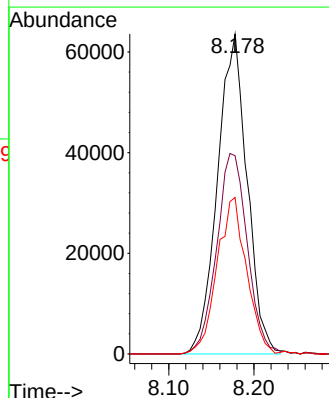
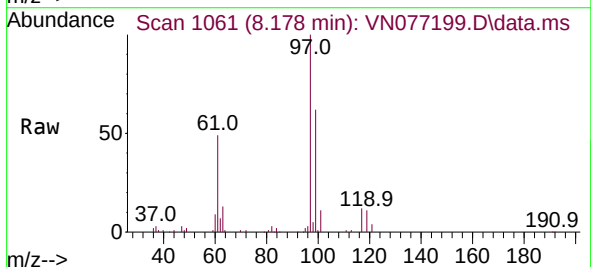
Tgt Ion: 97 Resp: 153744

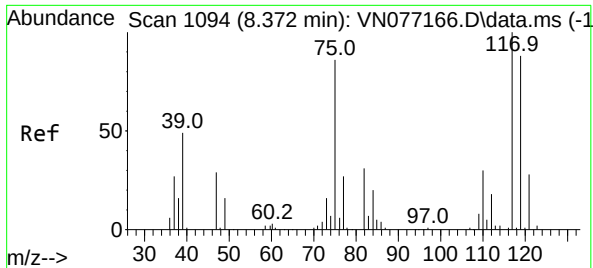
Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.8

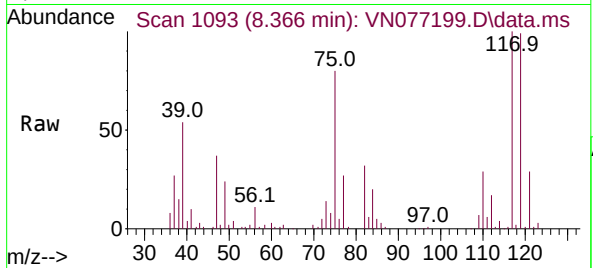
61 48.5 39.3 58.9





#33
Carbon Tetrachloride
Concen: 19.651 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

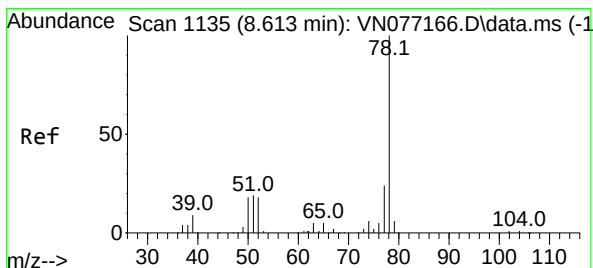
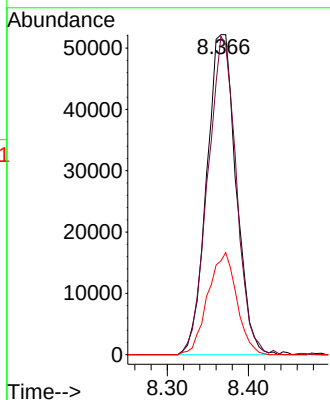
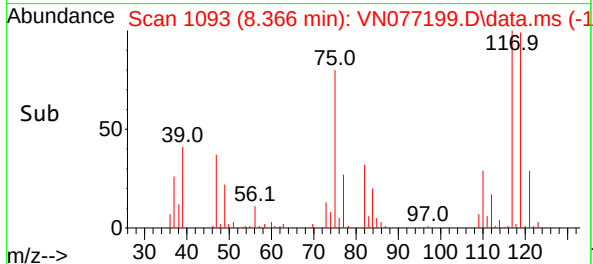
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



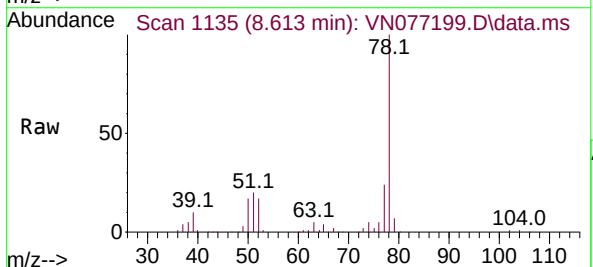
Tgt Ion:117 Resp: 13122
Ion Ratio Lower Upper
117 100
119 99.5 79.8 119.8
121 29.3 23.4 35.0

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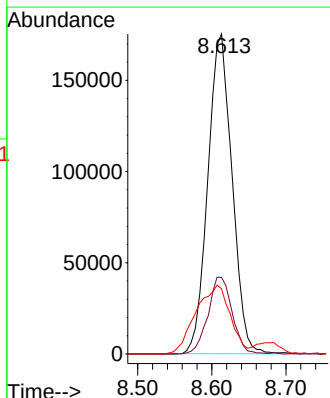
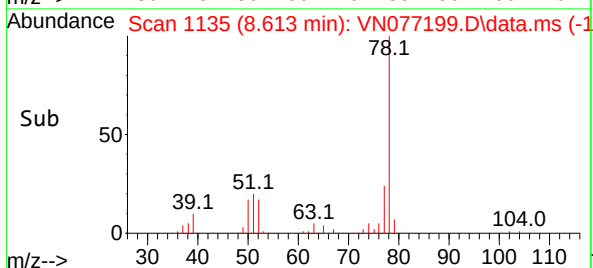
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

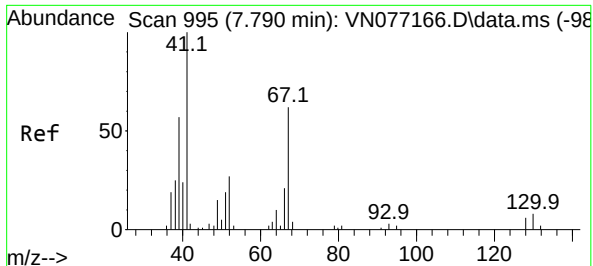


#34
Benzene
Concen: 19.683 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03



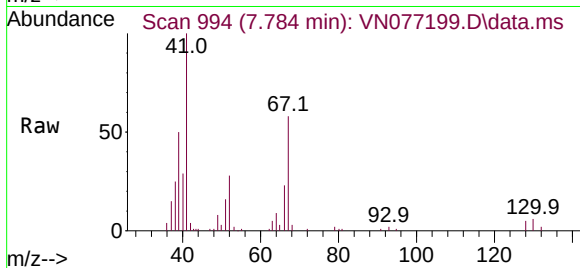
Tgt Ion: 78 Resp: 397760
Ion Ratio Lower Upper
78 100
77 23.9 17.4 26.2
51 18.3 13.8 20.6





#35
Methacrylonitrile
Concen: 19.735 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

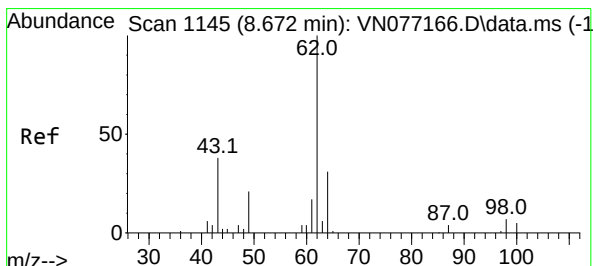
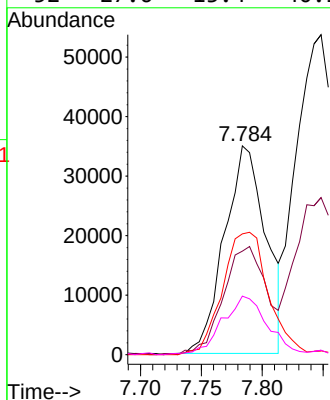
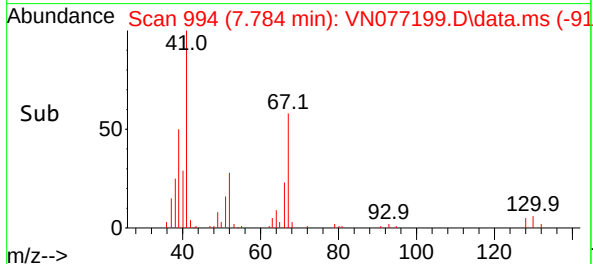
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 41 Resp: 8239
Ion Ratio Lower Upper
41 100
39 49.9 26.6 79.7
67 58.2 32.3 96.9
52 27.6 13.4 40.1

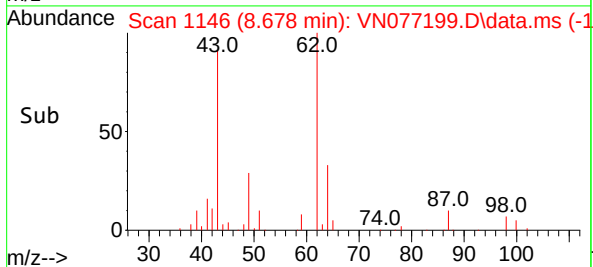
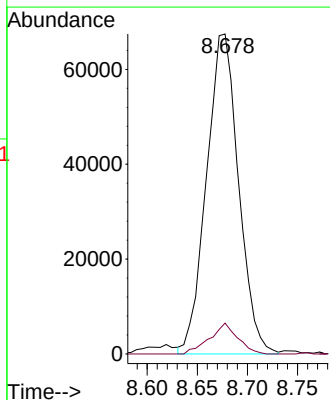
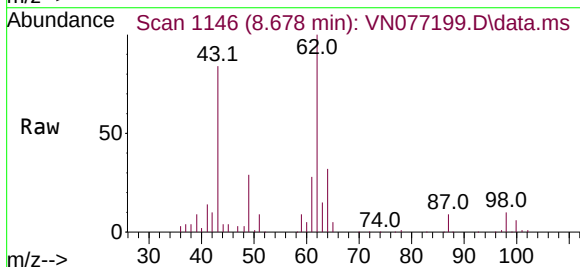
Manual Integrations
APPROVED

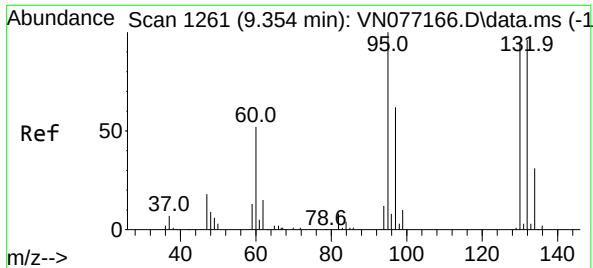
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#36
1,2-Dichloroethane
Concen: 20.203 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion: 62 Resp: 150514
Ion Ratio Lower Upper
62 100
98 8.4 7.4 11.0





#37

Trichloroethene

Concen: 19.719 ug/l

RT: 9.360 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion:130 Resp: 9008

Ion Ratio Lower Upper

130 100

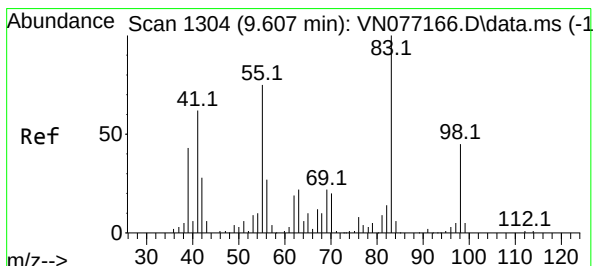
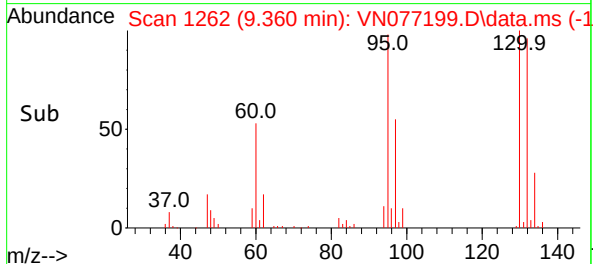
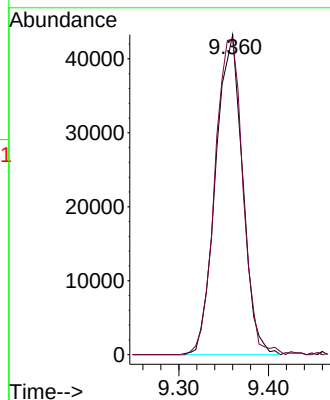
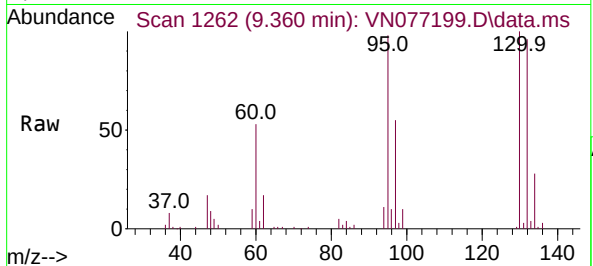
95 98.3 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#38

Methylcyclohexane

Concen: 19.272 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

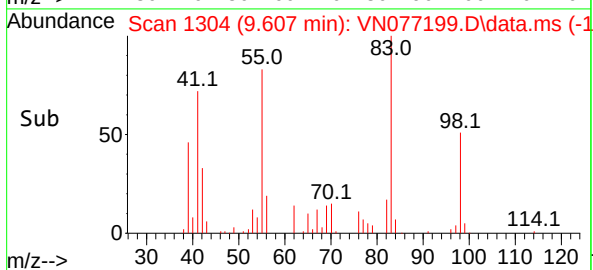
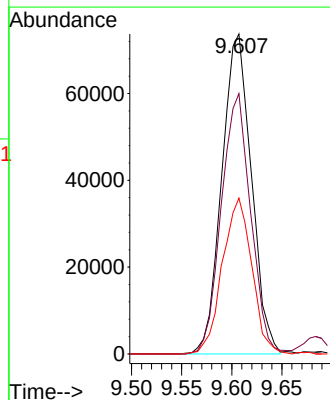
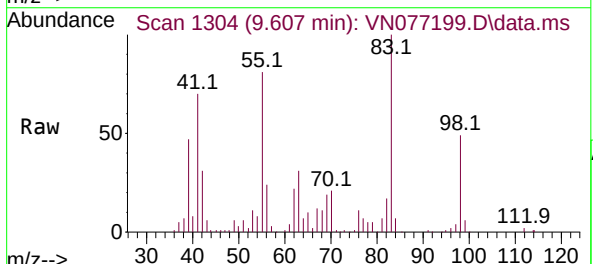
Tgt Ion: 83 Resp: 151246

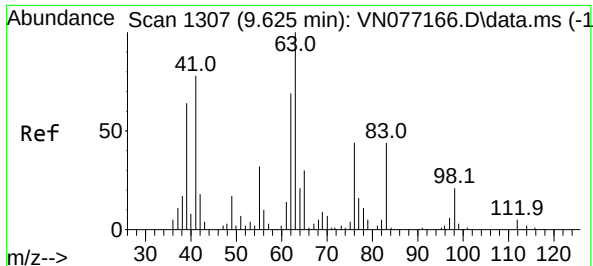
Ion Ratio Lower Upper

83 100

55 81.0 37.6 112.9

98 48.5 24.1 72.4





#39

1,2-Dichloropropane

Concen: 19.719 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion: 63 Resp: 10668

Ion Ratio Lower Upper

63 100

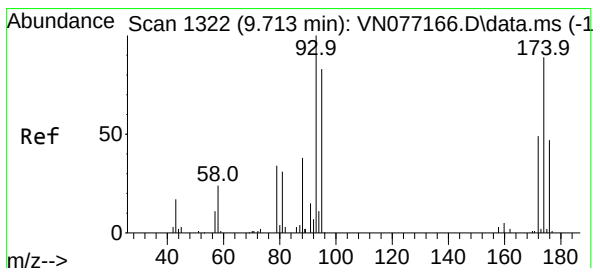
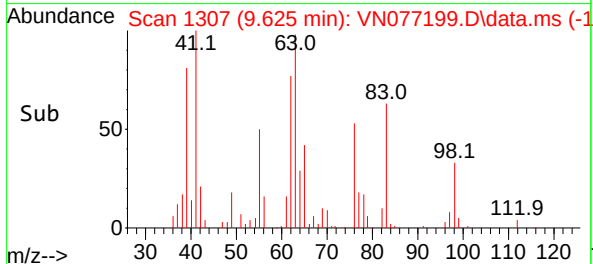
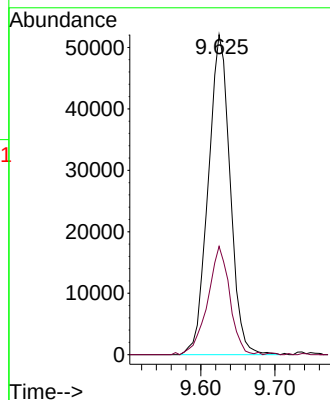
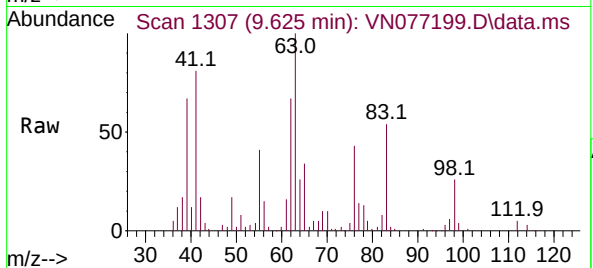
65 33.9 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#40

Dibromomethane

Concen: 21.065 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

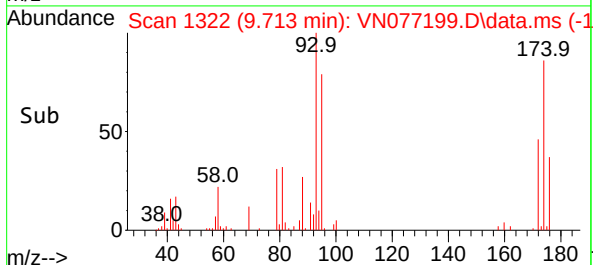
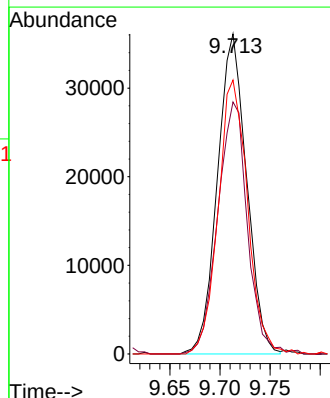
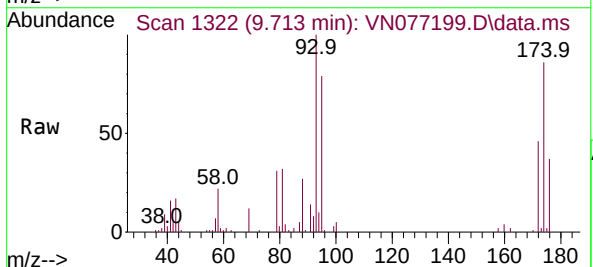
Tgt Ion: 93 Resp: 72874

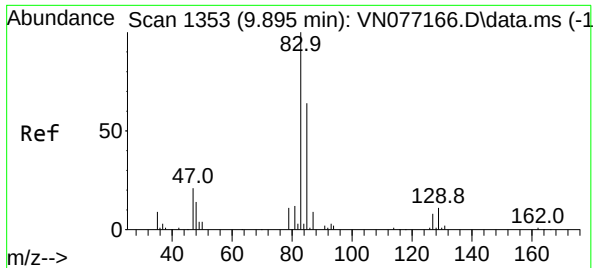
Ion Ratio Lower Upper

93 100

95 79.6 0.0 158.0

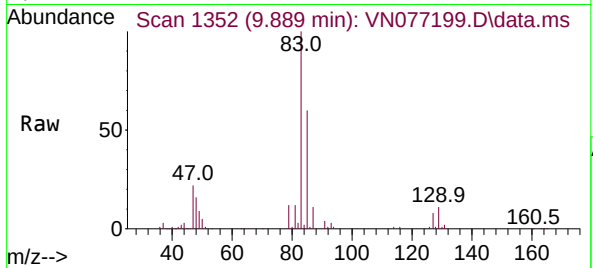
174 86.3 0.0 171.2





#41
Bromodichloromethane
Concen: 20.350 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

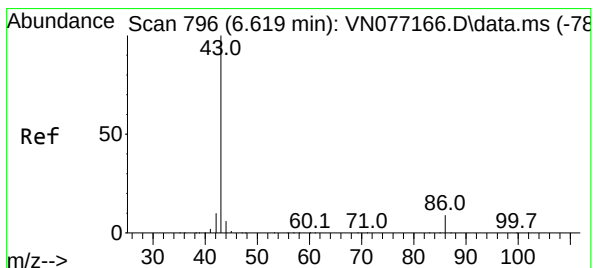
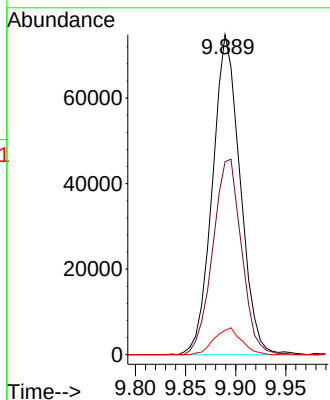
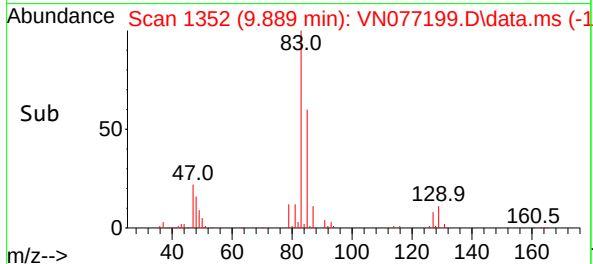
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 83 Resp: 14336
Ion Ratio Lower Upper
83 100
85 60.3 51.0 76.4
127 7.6 6.2 9.2

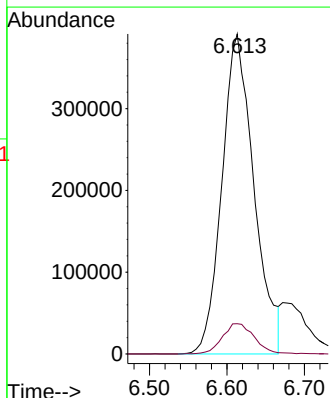
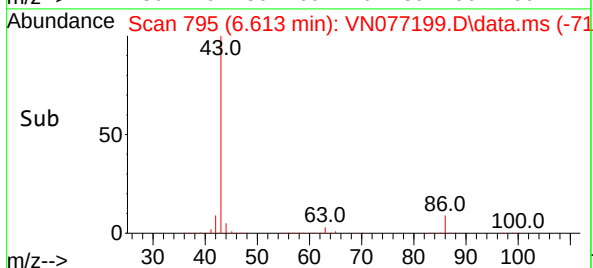
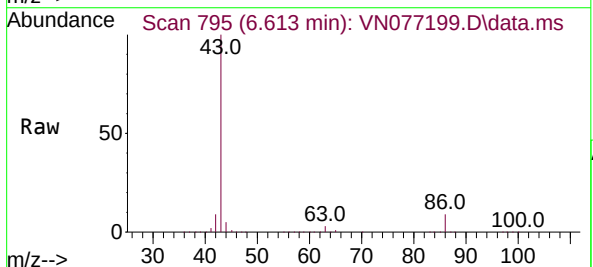
Manual Integrations
APPROVED

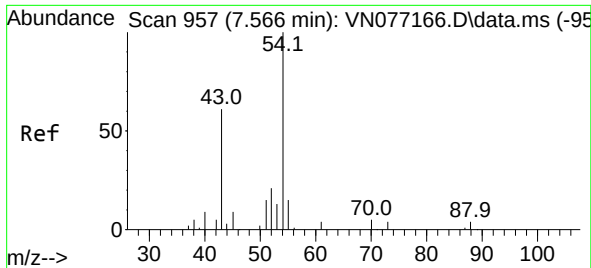
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#42
Vinyl Acetate
Concen: 98.846 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion: 43 Resp: 1126830
Ion Ratio Lower Upper
43 100
86 9.5 7.8 11.6





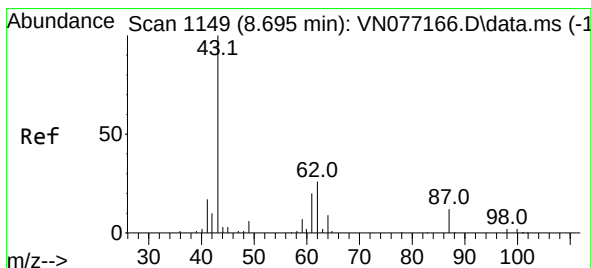
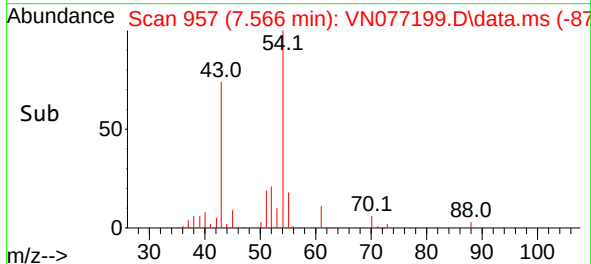
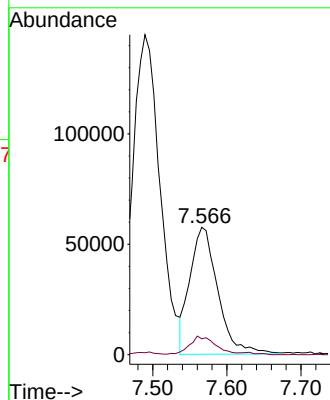
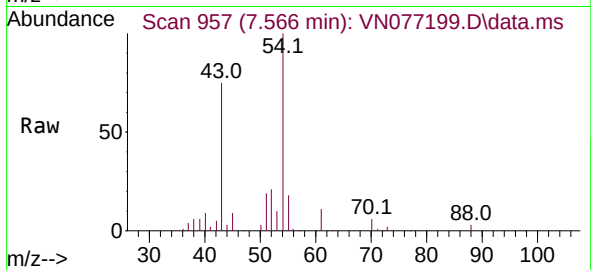
#43
Ethyl Acetate
Concen: 19.837 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 43 Resp: 150723
Ion Ratio Lower Upper
43 100
45 13.5 11.2 16.8

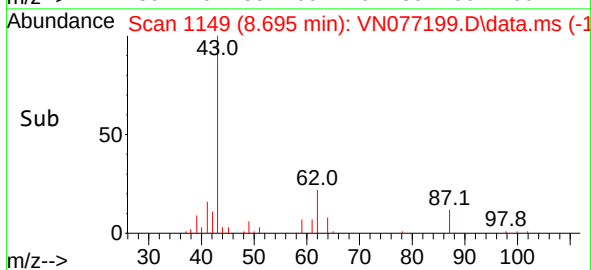
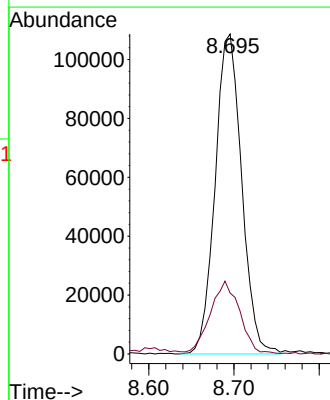
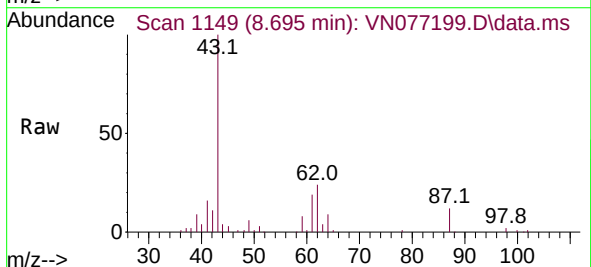
Manual Integrations
APPROVED

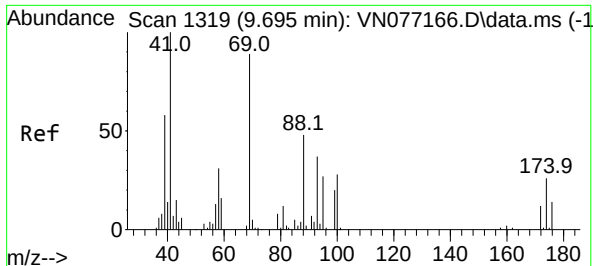
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#44
Isopropyl Acetate
Concen: 19.157 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

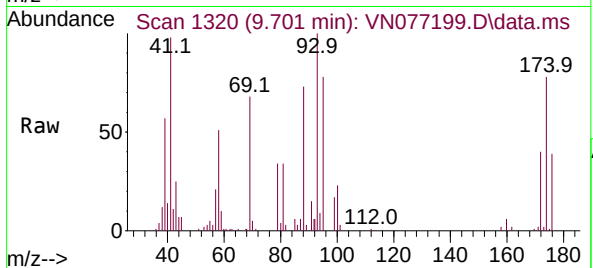
Tgt Ion: 43 Resp: 234887
Ion Ratio Lower Upper
43 100
61 25.1 19.5 29.3





#45
1,4-Dioxane
Concen: 411.091 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

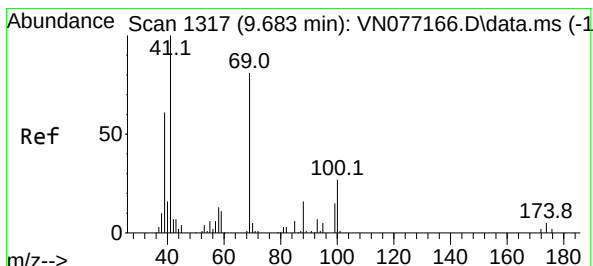
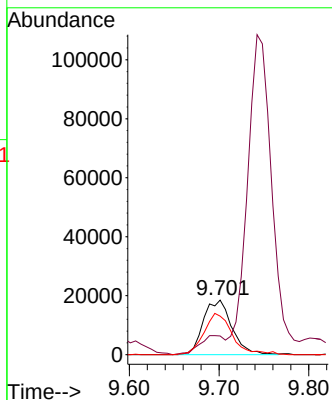
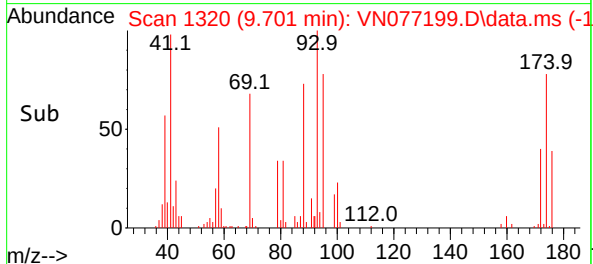
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



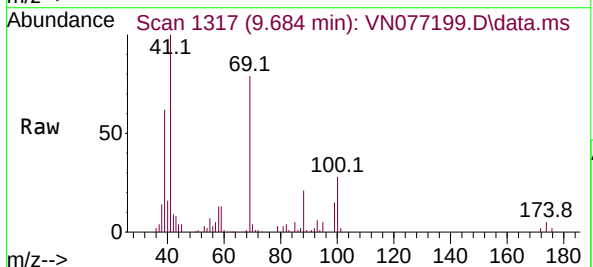
Tgt Ion: 88 Resp: 40980
Ion Ratio Lower Upper
88 100
43 26.8 26.0 39.0
58 71.7 54.3 81.5

Manual Integrations
APPROVED

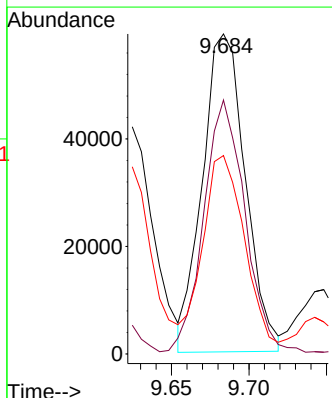
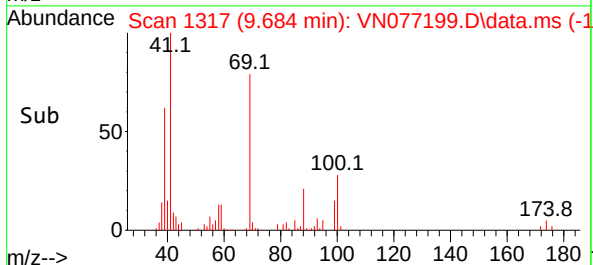
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

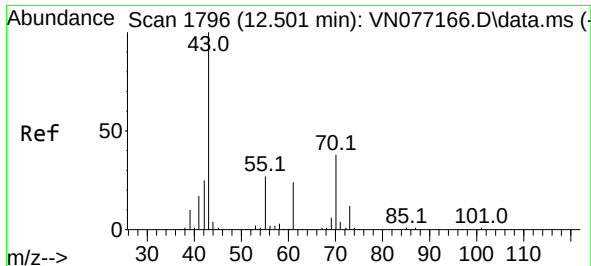


#46
Methyl methacrylate
Concen: 20.125 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03



Tgt Ion: 41 Resp: 113776
Ion Ratio Lower Upper
41 100
69 81.0 40.6 121.7
39 61.8 30.5 91.5





#47

n-amy1 Acetate

Concen: 18.361 ug/l

RT: 12.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion: 43 Resp: 18940

Ion Ratio Lower Upper

43 100

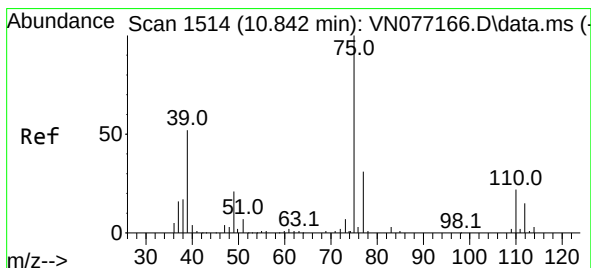
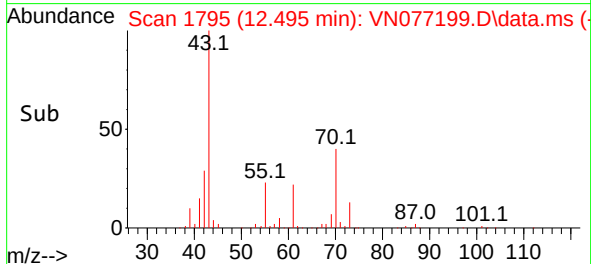
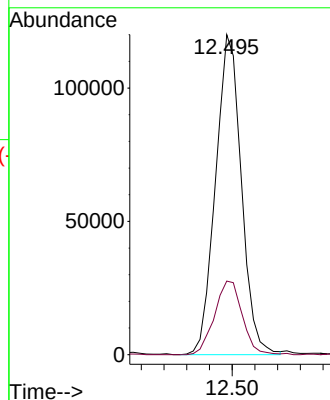
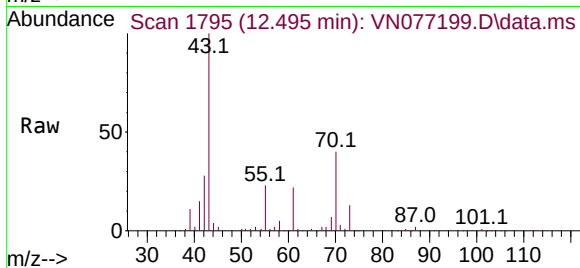
55 24.7 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#48

t-1,3-Dichloropropene

Concen: 19.931 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. -0.006 min

Lab File: VN077199.D

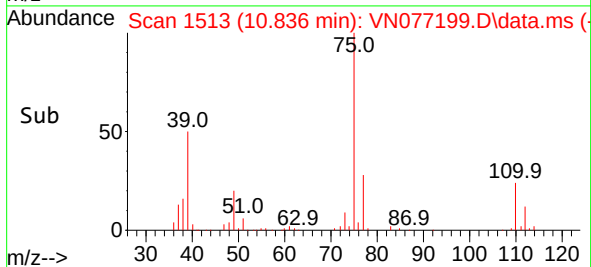
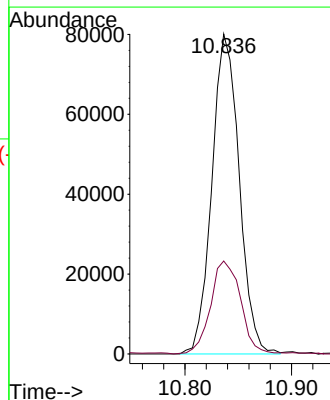
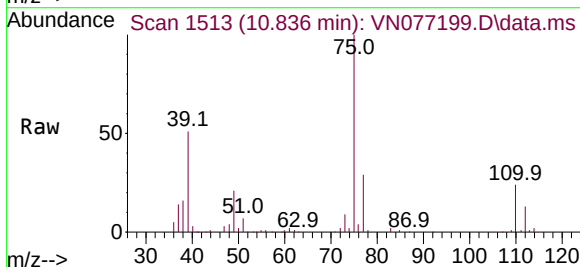
Acq: 27 Mar 2023 13:03

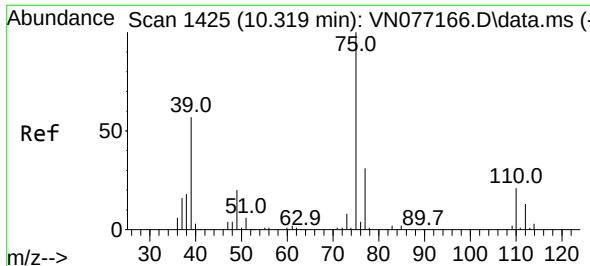
Tgt Ion: 75 Resp: 142618

Ion Ratio Lower Upper

75 100

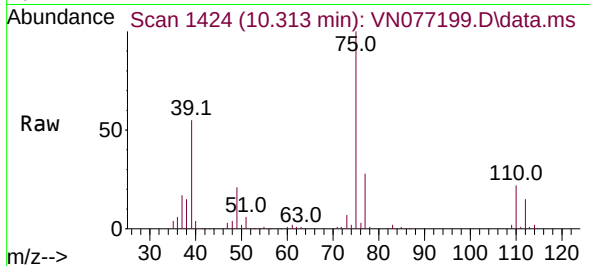
77 28.9 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 20.681 ug/l
 RT: 10.313 min Scan# 1425
 Delta R.T. -0.006 min
 Lab File: VN077199.D
 Acq: 27 Mar 2023 13:03

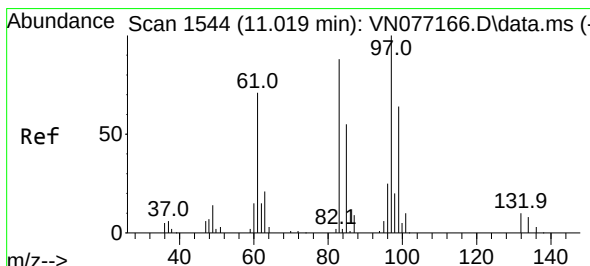
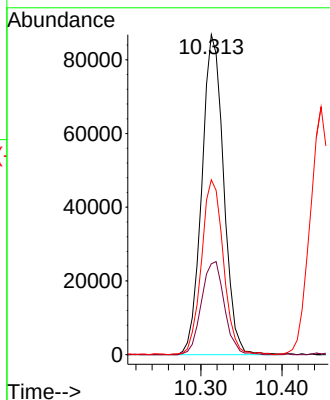
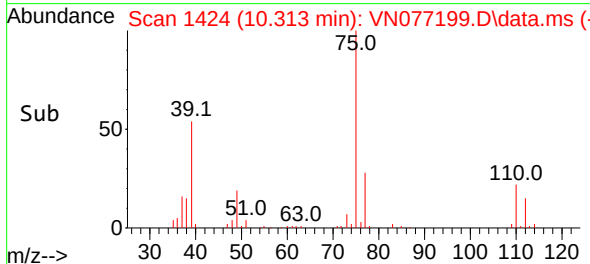
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD01



Tgt Ion: 75 Resp: 16200
 Ion Ratio Lower Upper
 75 100
 77 28.4 27.5 41.3
 39 54.4 43.5 65.3

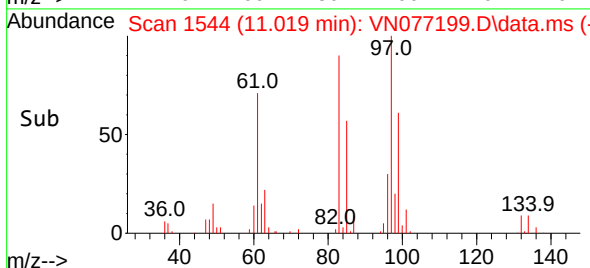
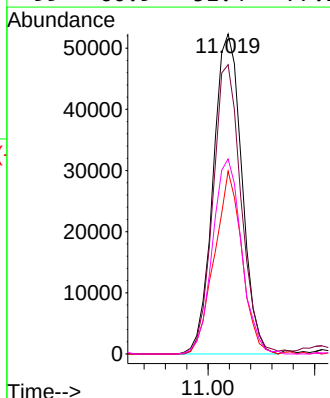
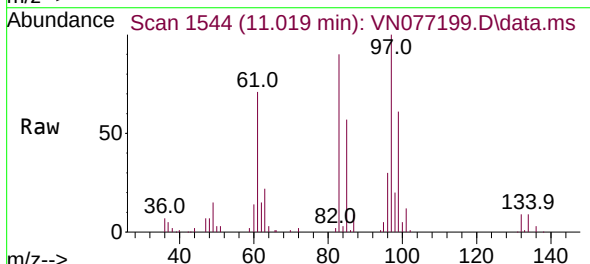
Manual Integrations
 APPROVED

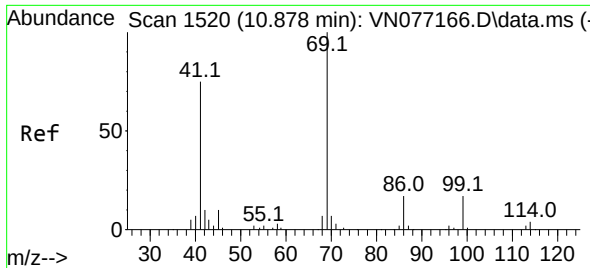
Reviewed By :John Carbone 03/28/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.155 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077199.D
 Acq: 27 Mar 2023 13:03

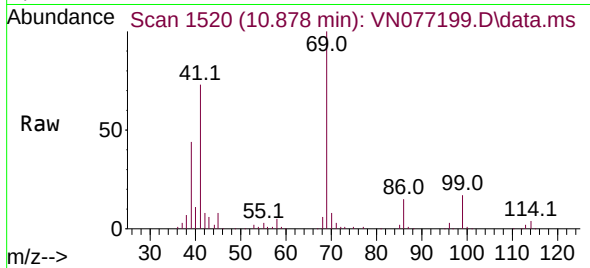
Tgt Ion: 97 Resp: 97878
 Ion Ratio Lower Upper
 97 100
 83 90.4 71.0 106.4
 85 57.2 45.5 68.3
 99 60.9 51.4 77.2





#51
Ethyl methacrylate
Concen: 19.174 ug/l
RT: 10.878 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

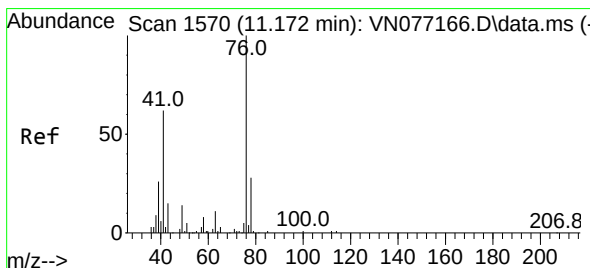
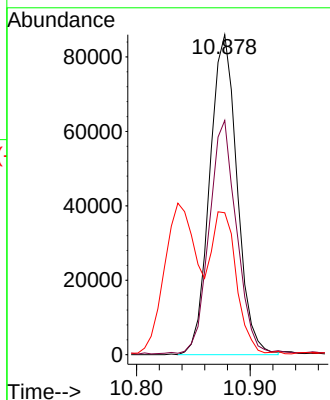
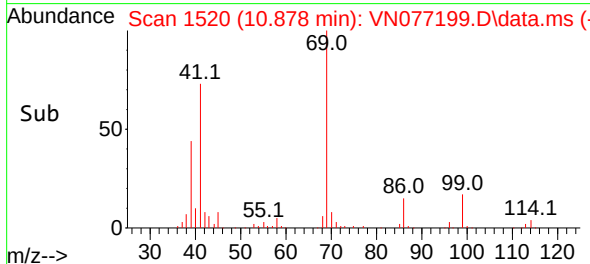
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



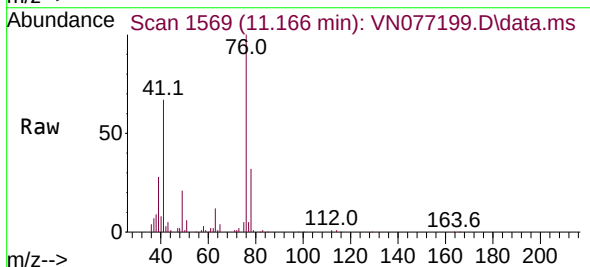
Tgt Ion: 69 Resp: 14376
Ion Ratio Lower Upper
69 100
41 72.7 36.3 108.7
39 43.3 19.9 59.7

Manual Integrations
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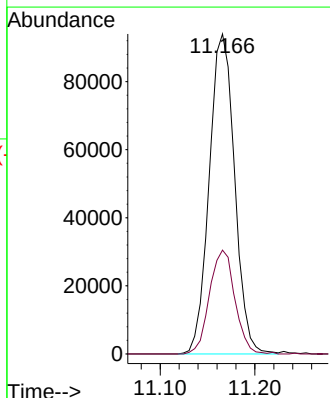
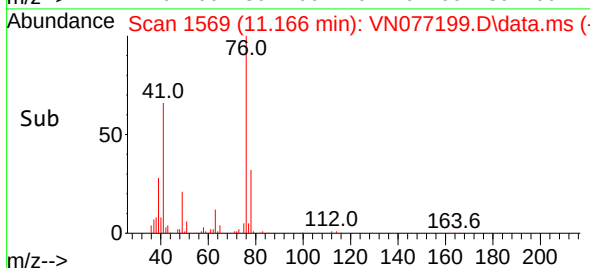
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

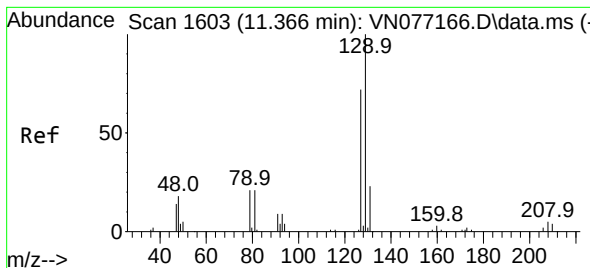


#52
1,3-Dichloropropane
Concen: 20.307 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03



Tgt Ion: 76 Resp: 175054
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





#53

Dibromochloromethane

Concen: 20.527 ug/l

RT: 11.360 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion:129 Resp: 103210

Ion Ratio Lower Upper

129 100

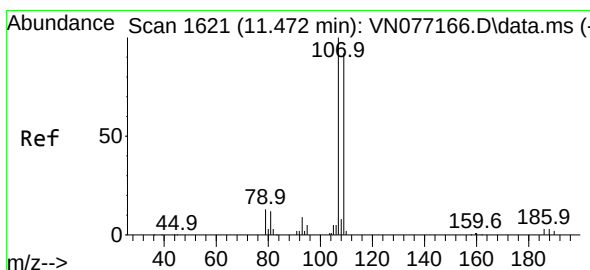
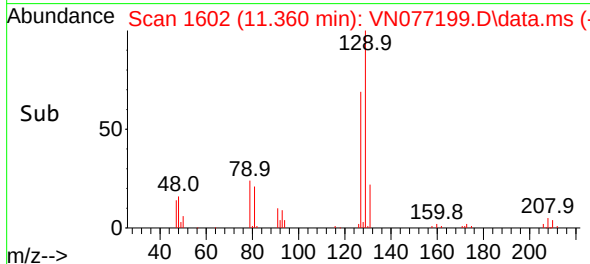
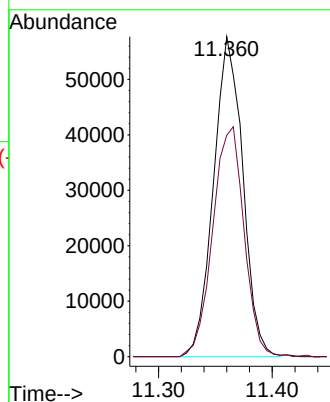
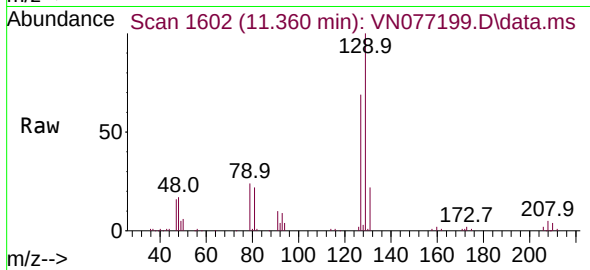
127 76.8 39.4 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#54

1,2-Dibromoethane

Concen: 20.092 ug/l

RT: 11.472 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VN077199.D

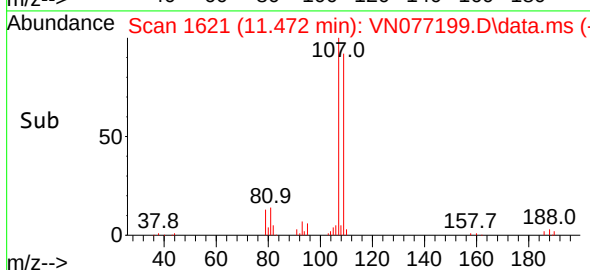
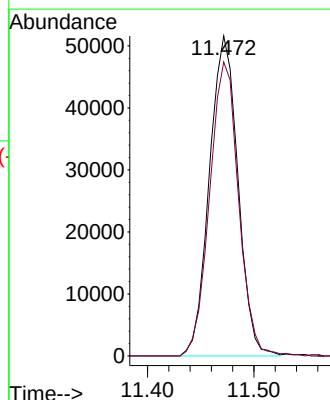
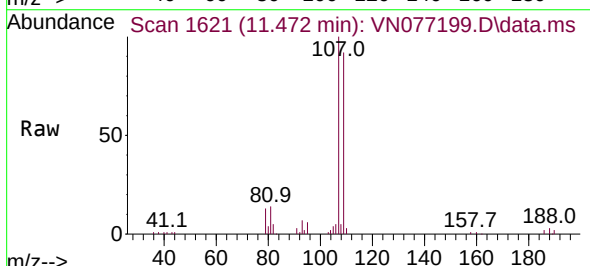
Acq: 27 Mar 2023 13:03

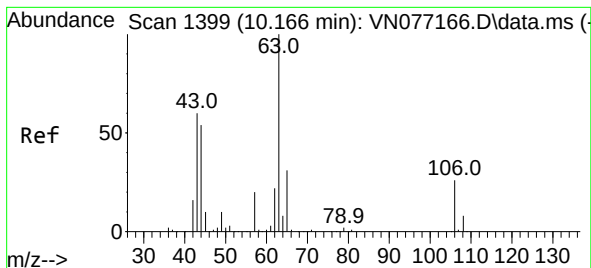
Tgt Ion:107 Resp: 96016

Ion Ratio Lower Upper

107 100

109 93.2 74.6 112.0





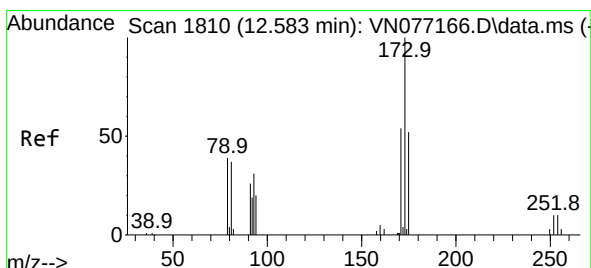
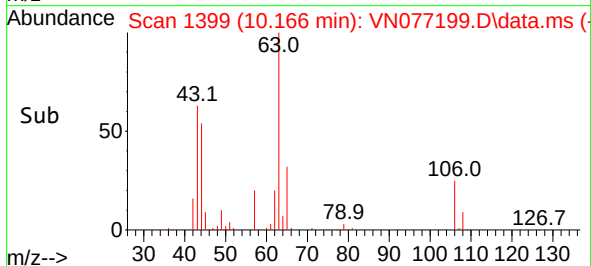
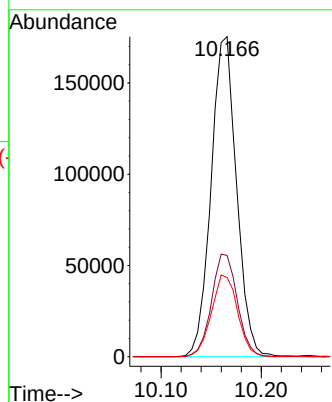
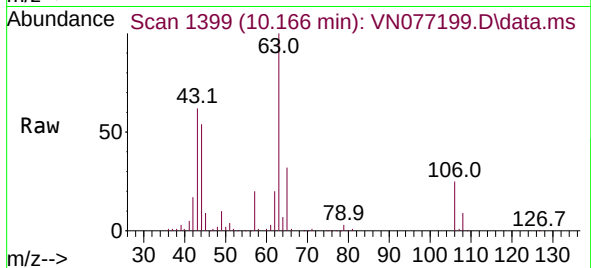
#55
2-Chloroethyl vinyl ether
Concen: 98.774 ug/l
RT: 10.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 63 Resp: 30965
Ion Ratio Lower Upper
63 100
65 32.3 26.3 39.5
106 26.2 21.6 32.4

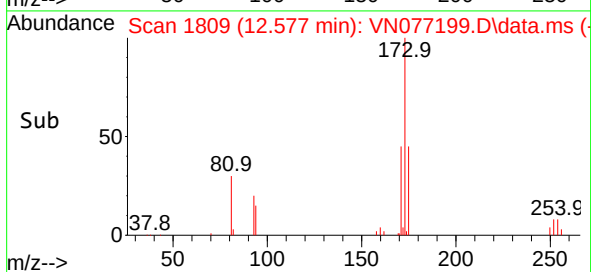
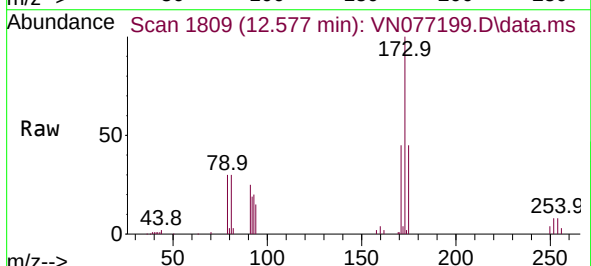
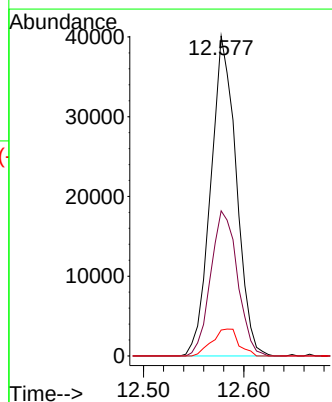
Manual Integrations
APPROVED

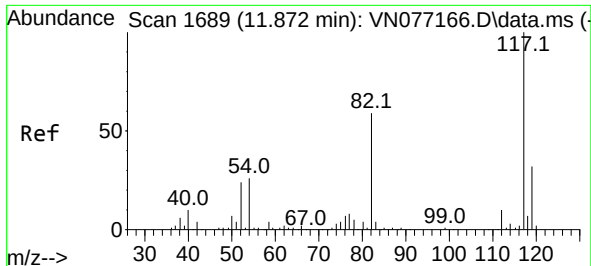
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#56
Bromoform
Concen: 20.073 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion:173 Resp: 70825
Ion Ratio Lower Upper
173 100
175 47.5 37.8 56.6
254 8.8 7.3 10.9





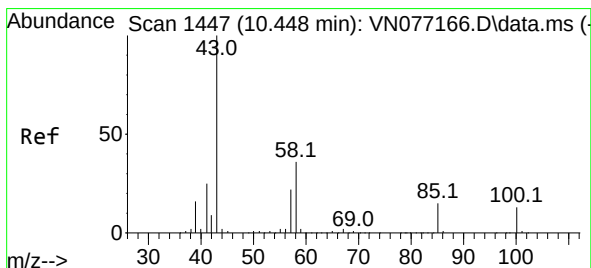
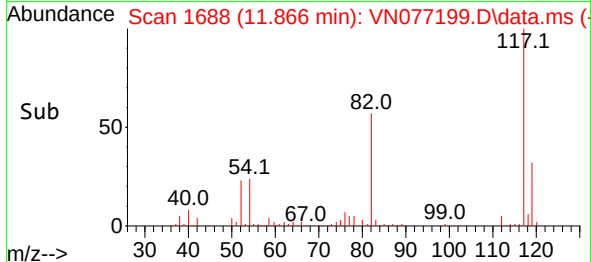
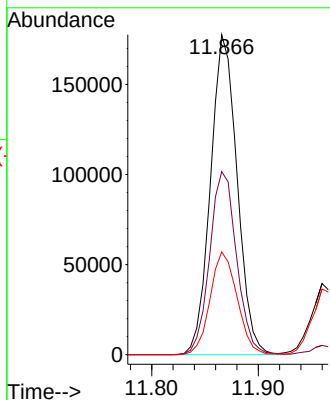
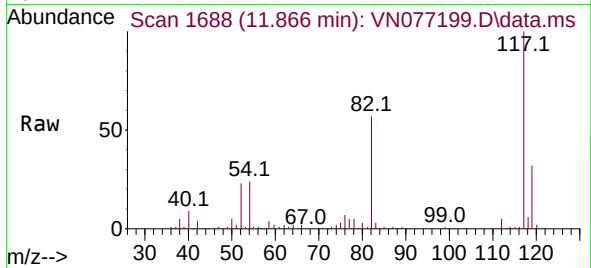
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion:117 Resp: 308500
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.0
119 32.5 26.8 40.2

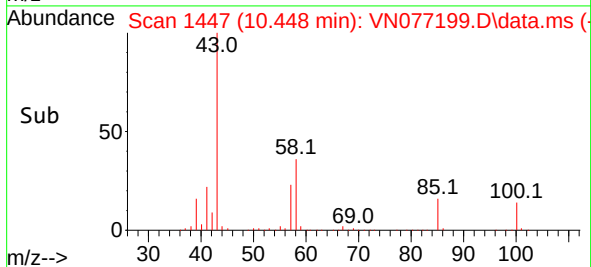
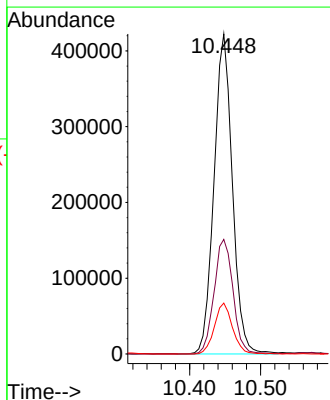
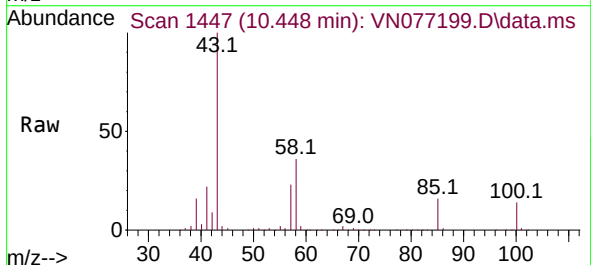
Manual Integrations
APPROVED

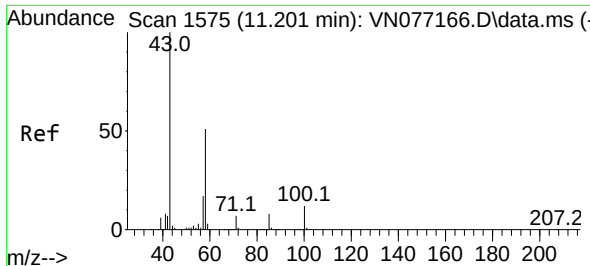
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#58
4-Methyl-2-Pentanone
Concen: 95.118 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

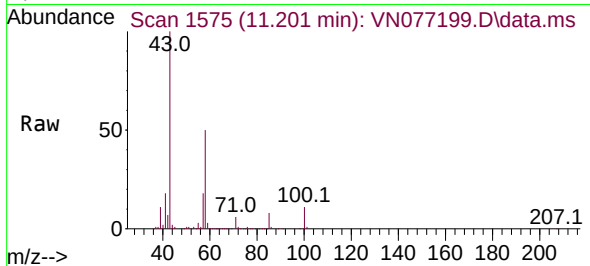
Tgt Ion: 43 Resp: 757355
Ion Ratio Lower Upper
43 100
58 36.9 28.6 42.8
85 15.6 11.8 17.8





#59
2-Hexanone
Concen: 93.682 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

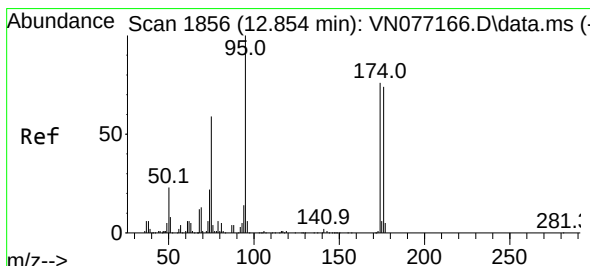
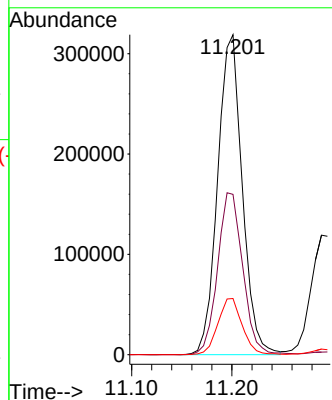
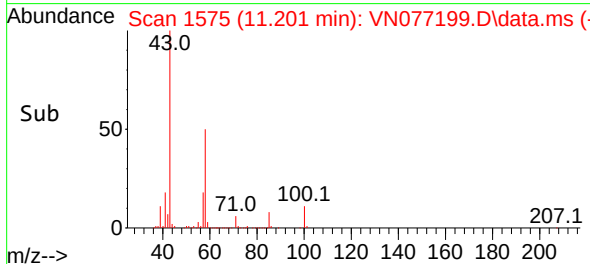
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



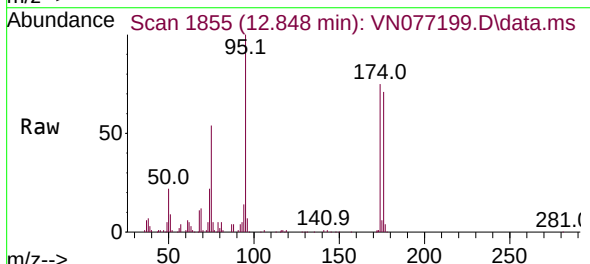
Tgt Ion: 43 Resp: 543880
Ion Ratio Lower Upper
43 100
58 51.8 40.6 60.8
57 17.4 13.1 19.7

Manual Integrations
APPROVED

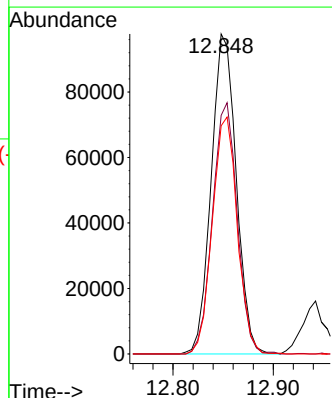
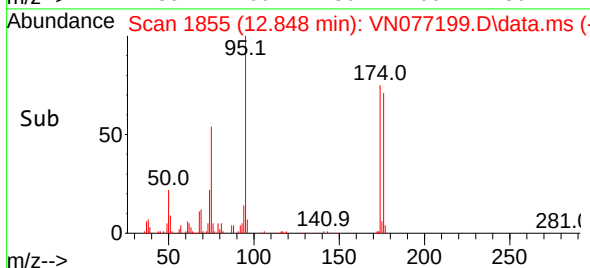
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

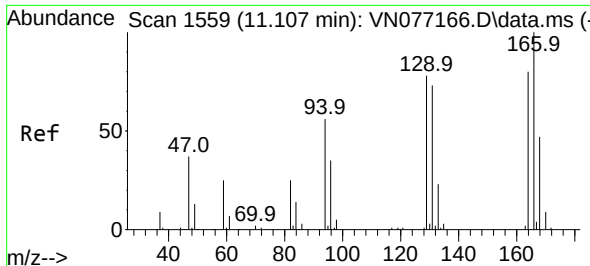


#60
4-Bromofluorobenzene
Concen: 30.604 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03



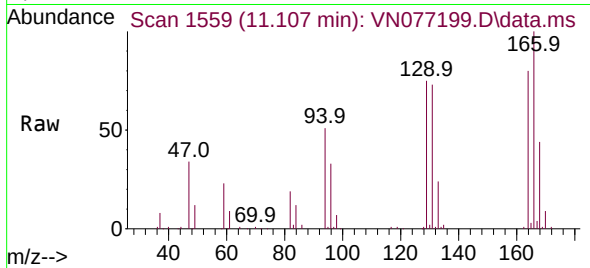
Tgt Ion: 95 Resp: 169612
Ion Ratio Lower Upper
95 100
174 77.1 64.2 96.4
176 73.8 61.4 92.0





#61
Tetrachloroethene
Concen: 20.354 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

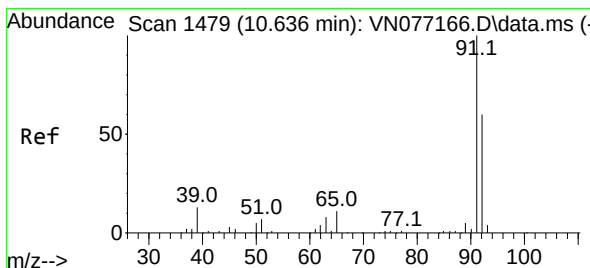
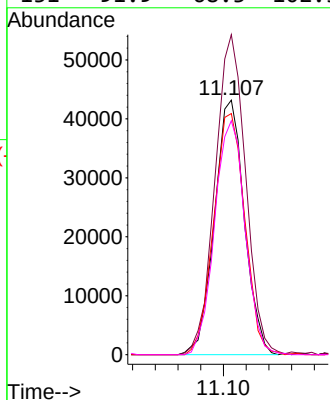
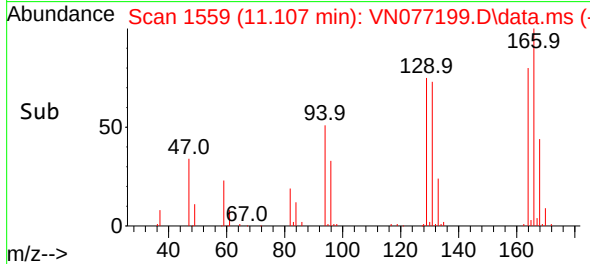
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



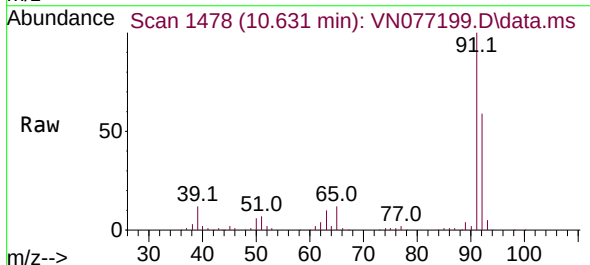
Tgt Ion:164 Resp: 78809
Ion Ratio Lower Upper
164 100
166 125.7 96.2 144.2
129 94.8 78.2 117.4
131 91.9 68.3 102.5

Manual Integrations
APPROVED

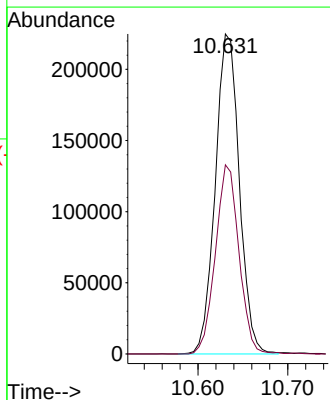
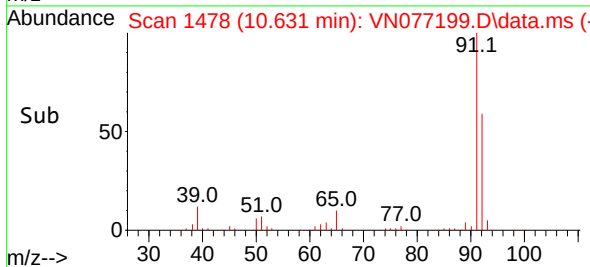
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

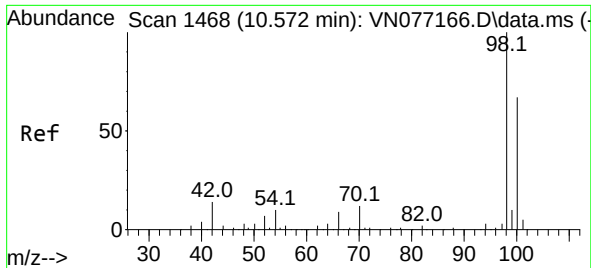


#62
Toluene
Concen: 19.287 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03



Tgt Ion: 91 Resp: 418194
Ion Ratio Lower Upper
91 100
92 57.8 46.3 69.5





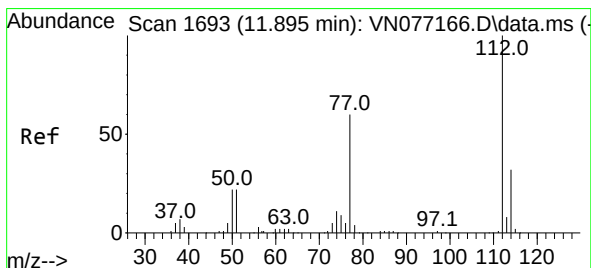
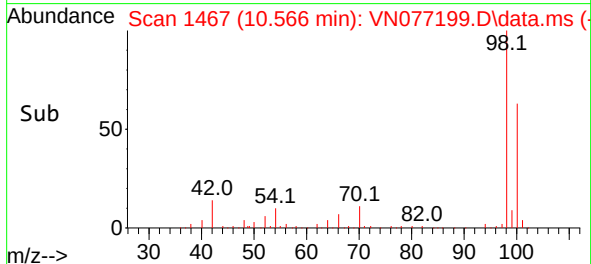
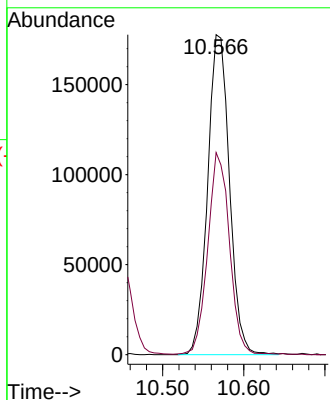
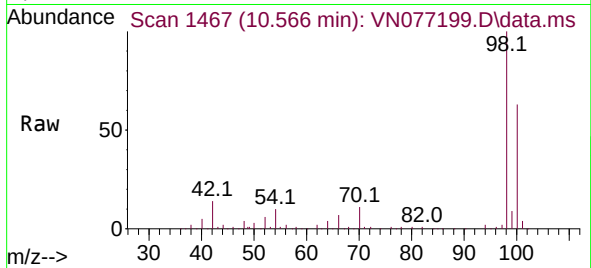
#63
Toluene-d8
Concen: 30.070 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 98 Resp: 33115
Ion Ratio Lower Upper
98 100
100 62.8 53.8 80.6

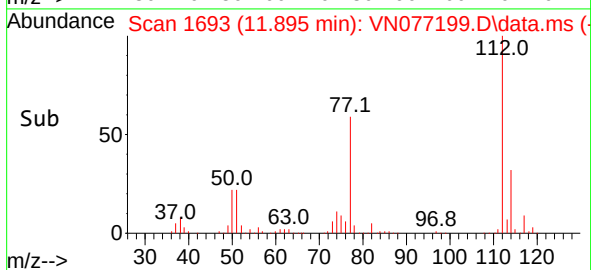
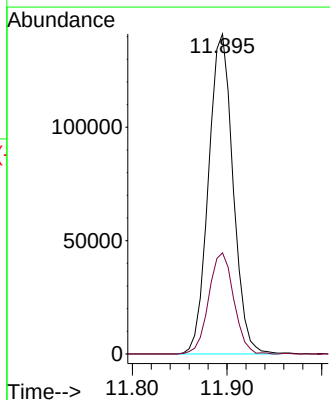
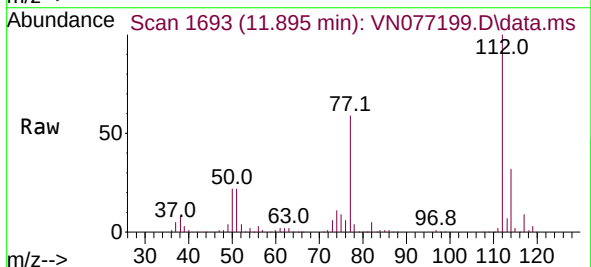
Manual Integrations
APPROVED

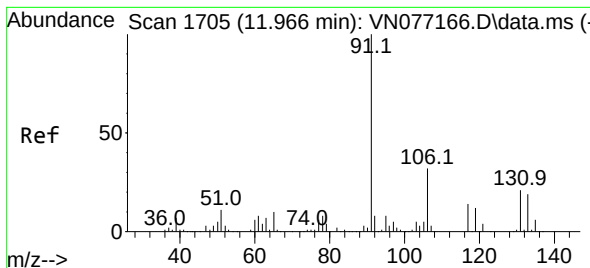
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#64
Chlorobenzene
Concen: 19.851 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion:112 Resp: 254652
Ion Ratio Lower Upper
112 100
114 31.6 24.5 36.7





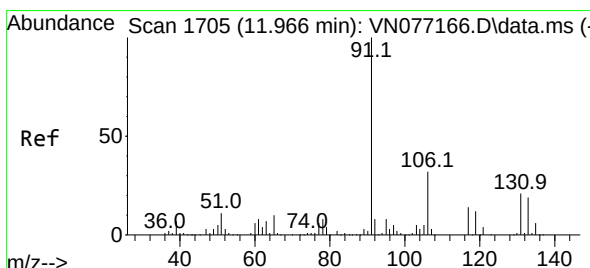
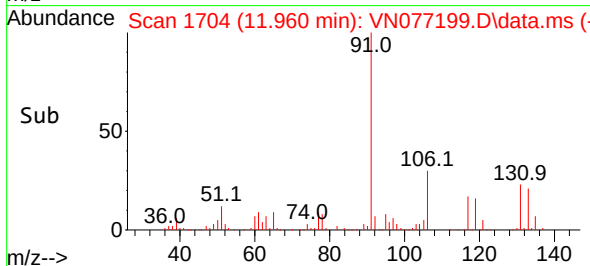
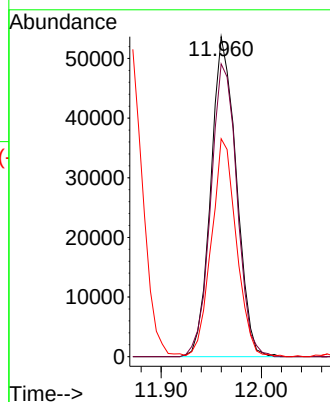
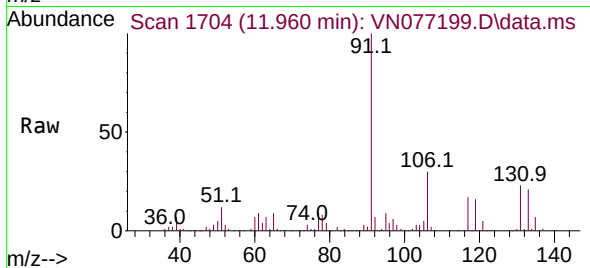
#65
1,1,1,2-Tetrachloroethane
Concen: 20.073 ug/l
RT: 11.960 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion:131 Resp: 9456
Ion Ratio Lower Upper
131 100
133 94.3 0.0 197.6
119 66.7 0.0 127.8

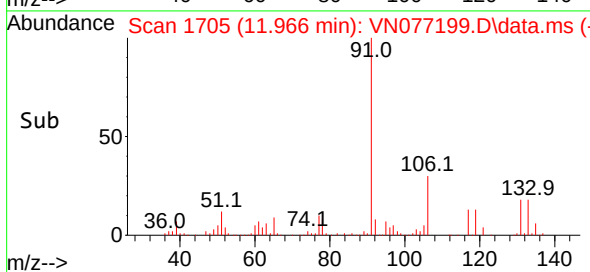
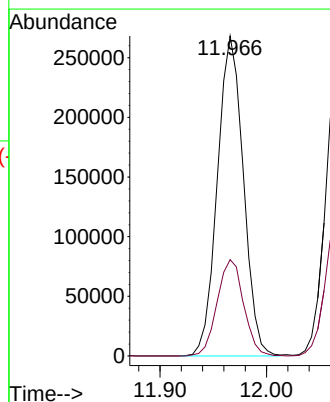
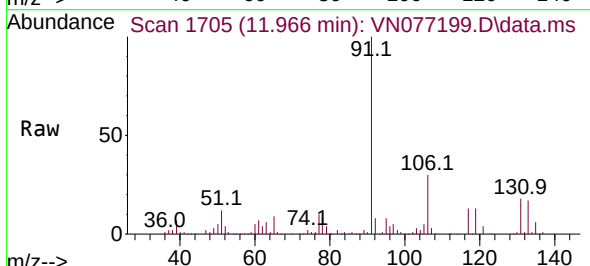
Manual Integrations
APPROVED

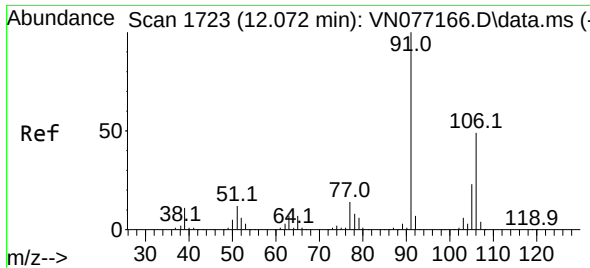
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#66
Ethyl Benzene
Concen: 19.491 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion: 91 Resp: 454095
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8





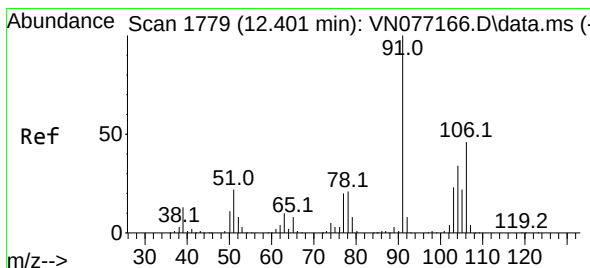
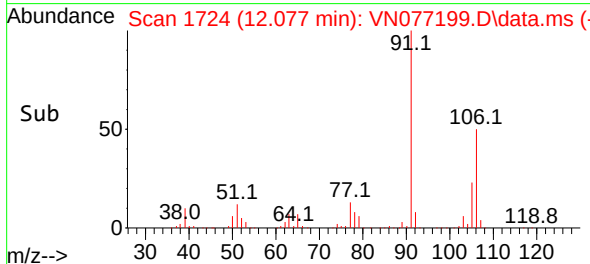
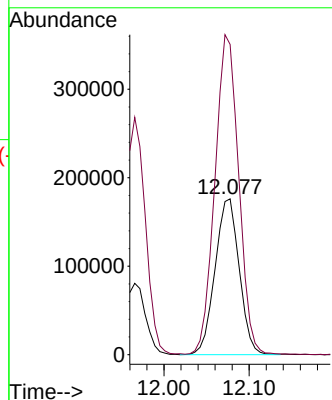
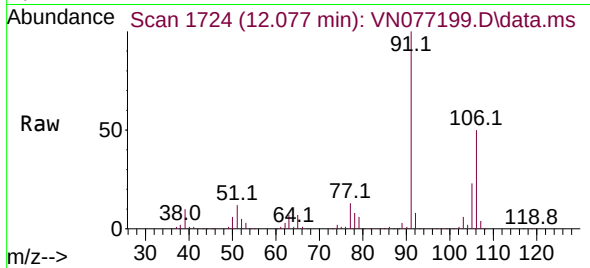
#67
m/p-Xylenes
Concen: 38.707 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion:106 Resp: 347030
Ion Ratio Lower Upper
106 100
91 201.4 157.4 236.2

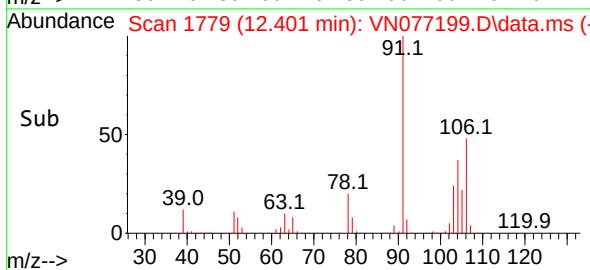
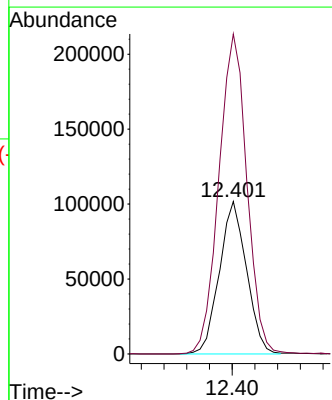
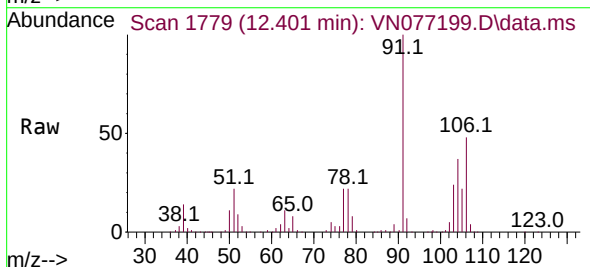
Manual Integrations
APPROVED

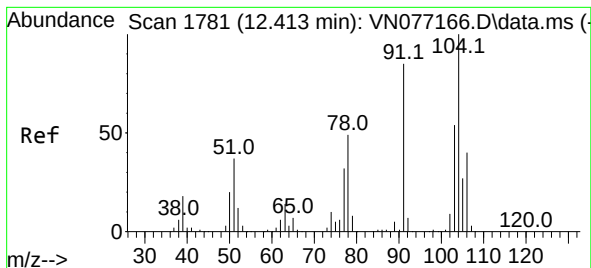
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#68
o-Xylene
Concen: 19.270 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion:106 Resp: 169160
Ion Ratio Lower Upper
106 100
91 216.6 107.2 321.6





#69

Styrene

Concen: 18.941 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077199.D

Acq: 27 Mar 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01

Tgt Ion:104 Resp: 27000

Ion Ratio Lower Upper

104 100

78 51.0 39.6 59.4

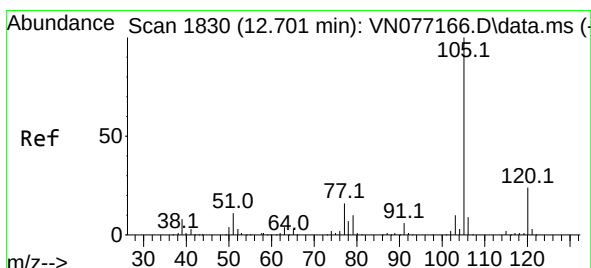
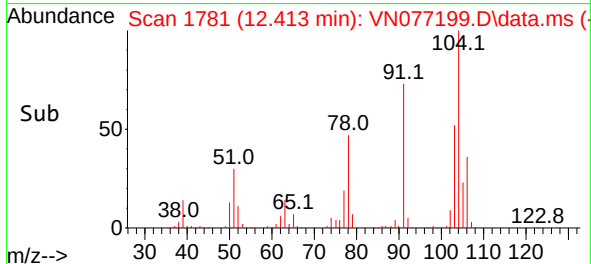
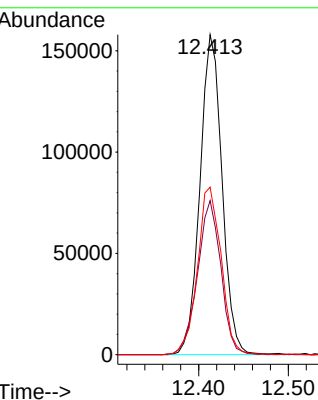
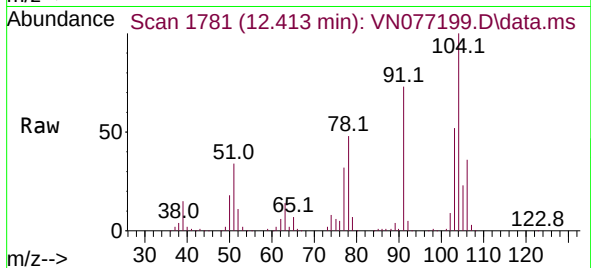
103 56.1 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#70

Isopropylbenzene

Concen: 19.529 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.006 min

Lab File: VN077199.D

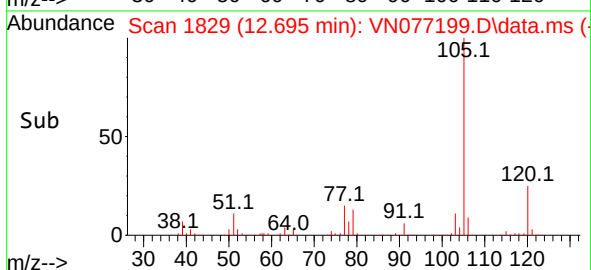
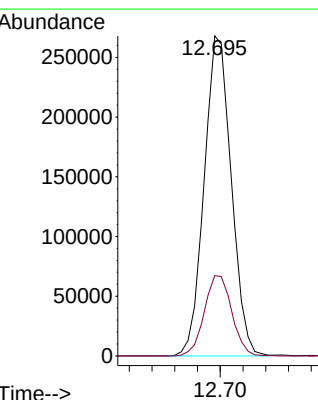
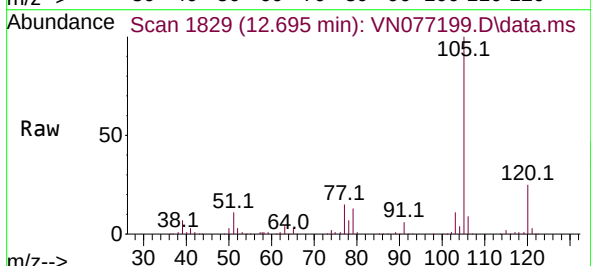
Acq: 27 Mar 2023 13:03

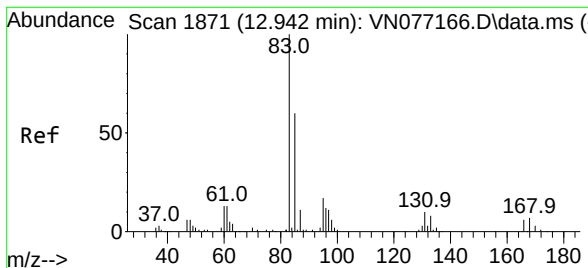
Tgt Ion:105 Resp: 444554

Ion Ratio Lower Upper

105 100

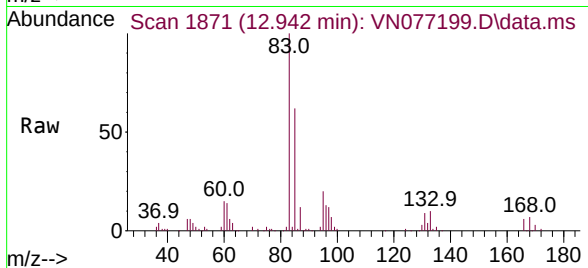
120 25.4 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.513 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

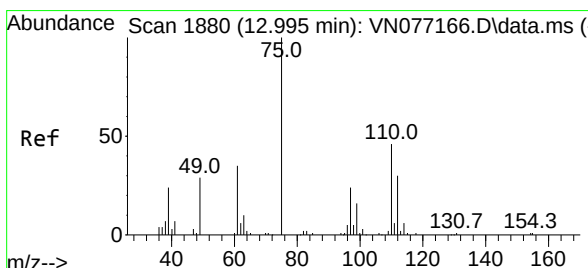
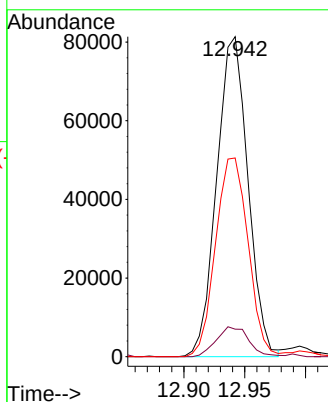
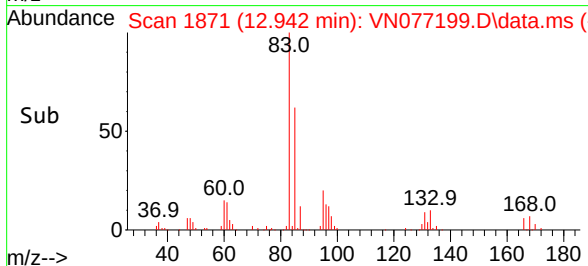
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



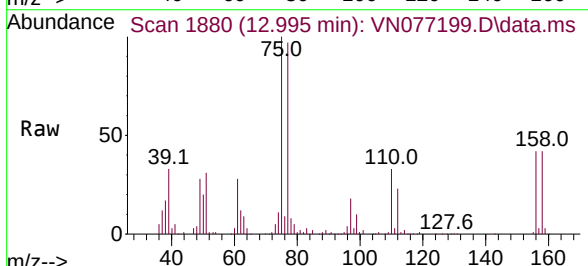
Tgt Ion: 83 Resp: 145392
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.5 32.3 96.9

Manual Integrations
APPROVED

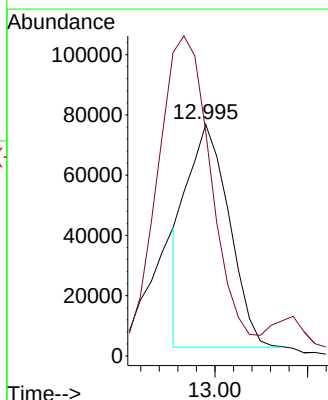
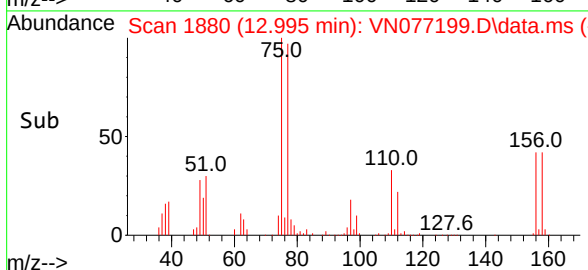
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

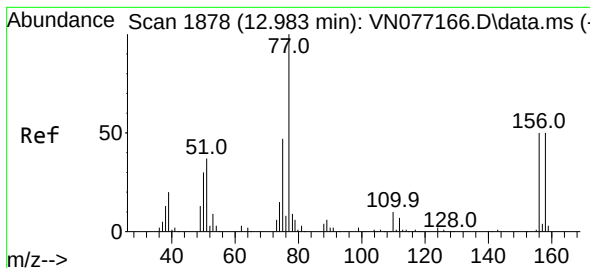


#72
1,2,3-Trichloropropane
Concen: 17.888 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03



Tgt Ion: 75 Resp: 117974
Ion Ratio Lower Upper
75 100
77 186.7 0.0 332.6





#73

Bromobenzene

Concen: 19.671 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077199.D

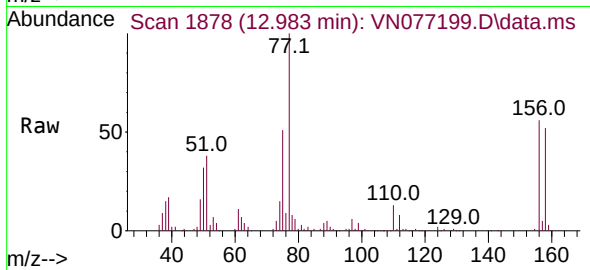
Acq: 27 Mar 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBSD01



Tgt Ion:156 Resp: 100110

Ion Ratio Lower Upper

156 100

77 220.0 0.0 423.0

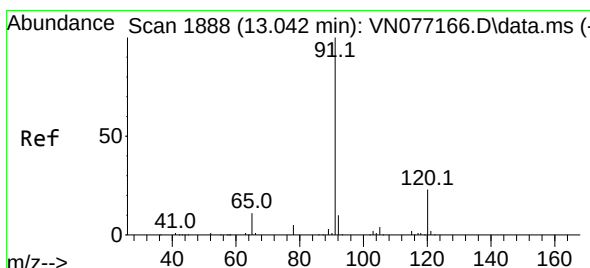
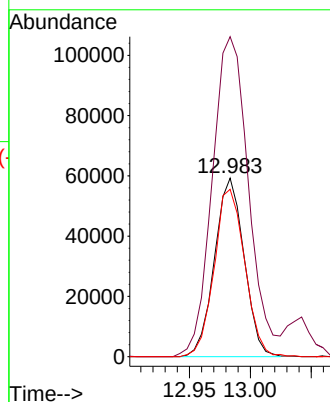
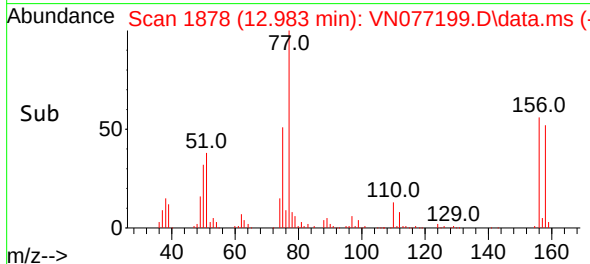
158 97.4 0.0 188.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#74

n-propylbenzene

Concen: 19.324 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.006 min

Lab File: VN077199.D

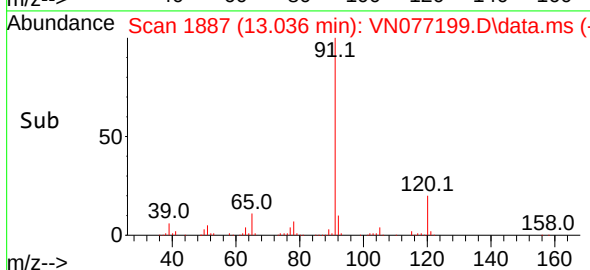
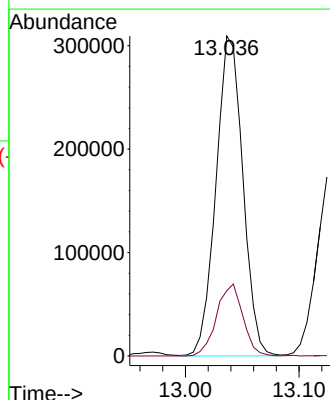
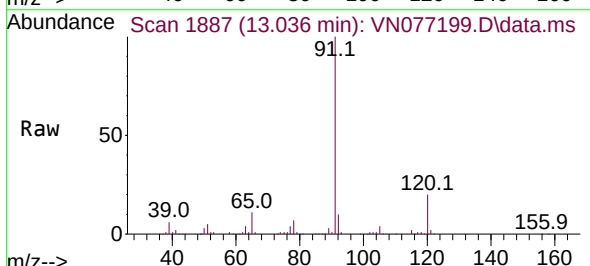
Acq: 27 Mar 2023 13:03

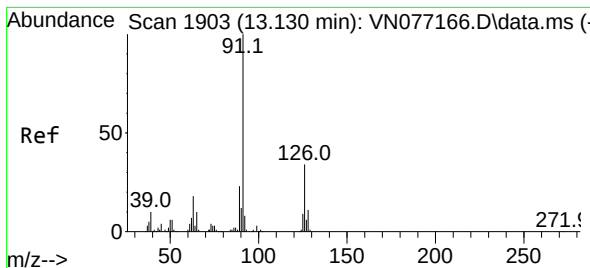
Tgt Ion: 91 Resp: 509258

Ion Ratio Lower Upper

91 100

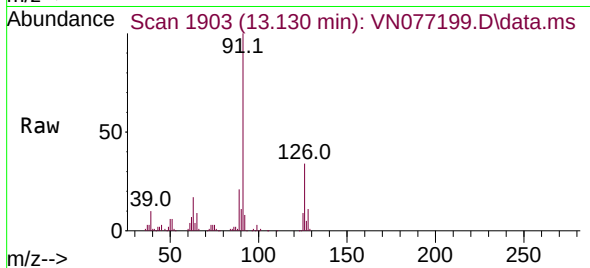
120 21.9 0.0 44.0





#75
2-Chlorotoluene
Concen: 19.320 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

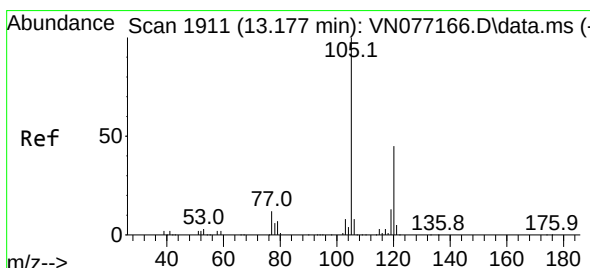
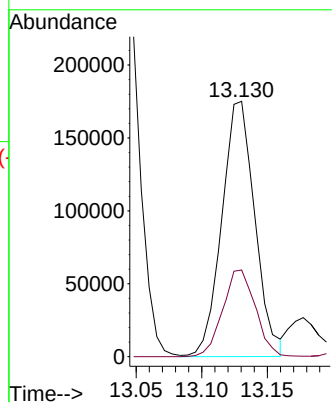
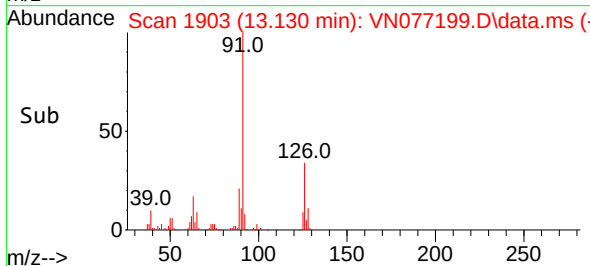
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



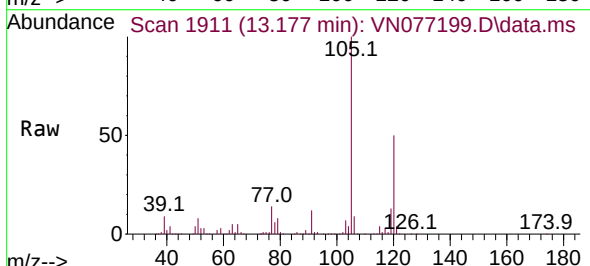
Tgt Ion: 91 Resp: 30698
Ion Ratio Lower Upper
91 100
126 33.6 0.0 66.4

Manual Integrations
APPROVED

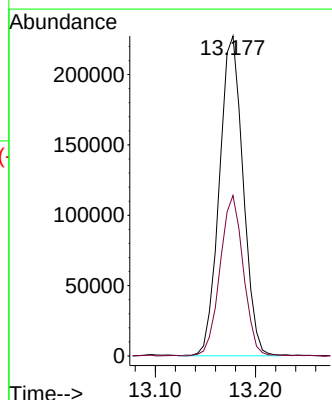
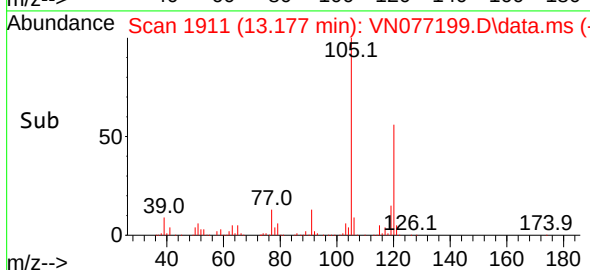
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

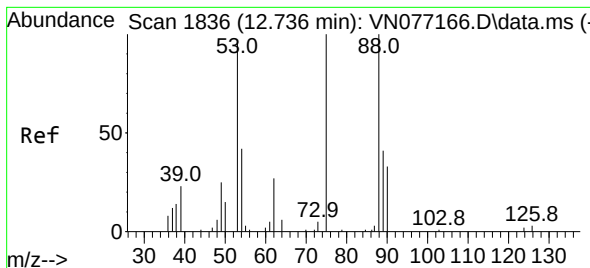


#76
1,3,5-Trimethylbenzene
Concen: 19.721 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03



Tgt Ion:105 Resp: 372635
Ion Ratio Lower Upper
105 100
120 49.2 0.0 103.2





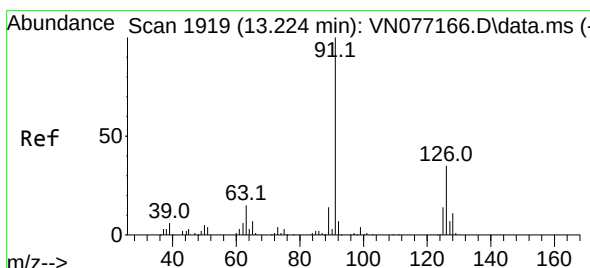
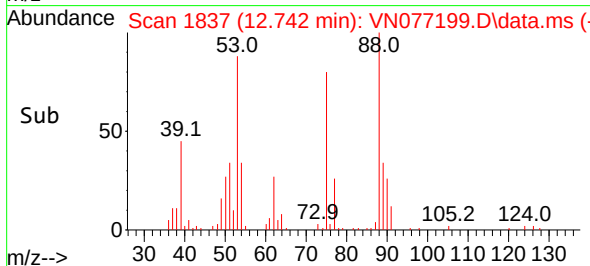
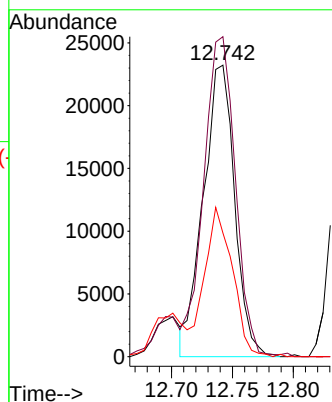
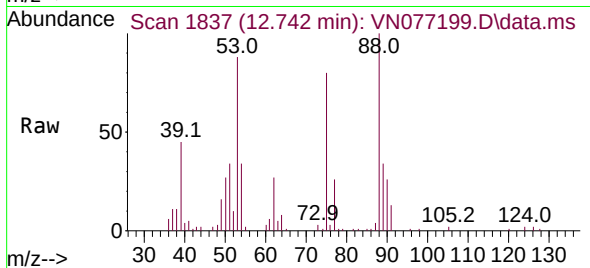
#77
t-1,4-Dichloro-2-butene
Concen: 19.779 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion: 75 Resp: 41584
Ion Ratio Lower Upper
75 100
53 109.1 50.4 151.3
89 41.6 22.1 66.5

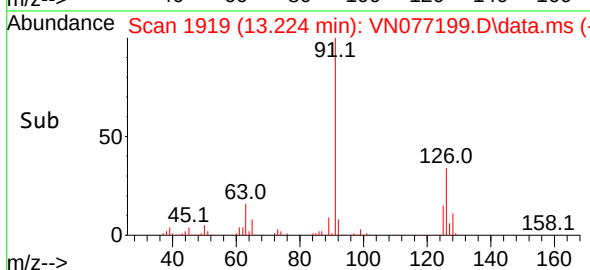
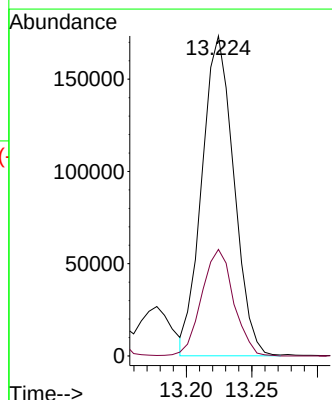
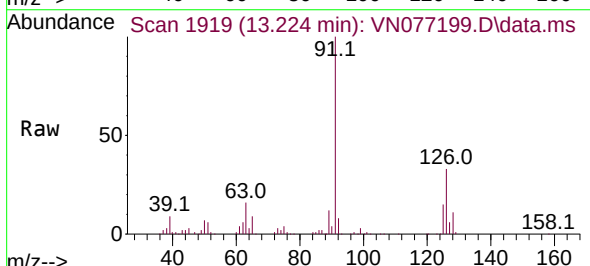
Manual Integrations
APPROVED

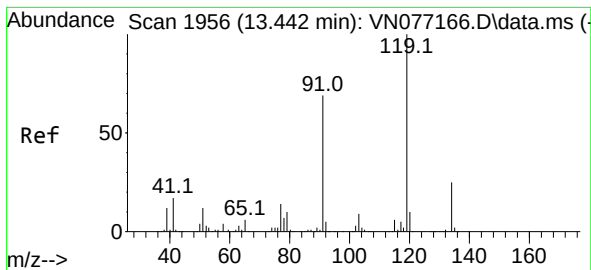
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#78
4-Chlorotoluene
Concen: 19.259 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion: 91 Resp: 294375
Ion Ratio Lower Upper
91 100
126 33.3 0.0 70.6





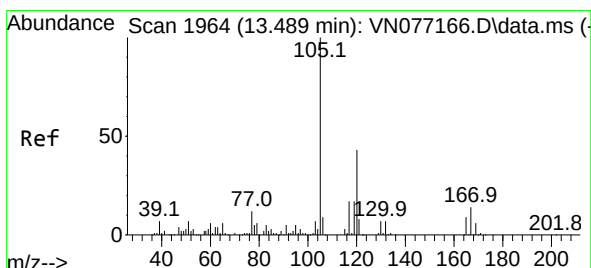
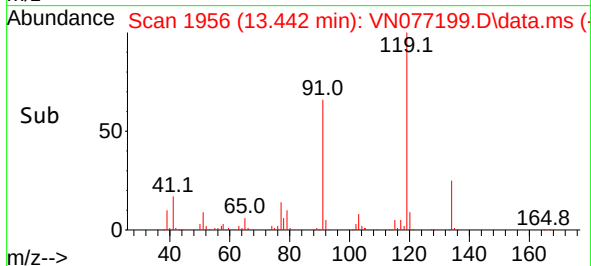
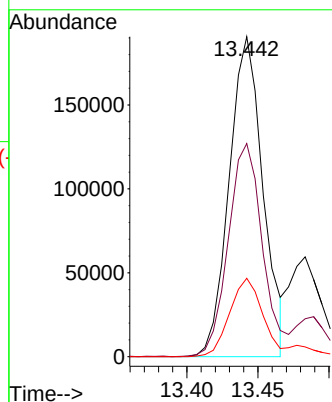
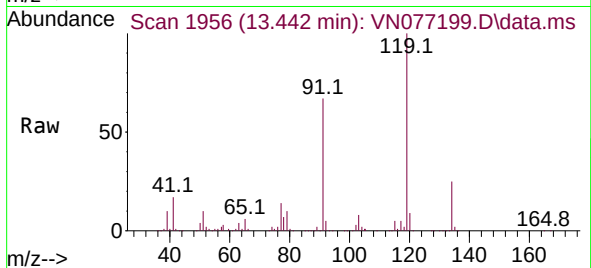
#79
tert-butylbenzene
Concen: 19.554 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01

Tgt Ion:119 Resp: 315638
Ion Ratio Lower Upper
119 100
91 67.9 0.0 129.6
134 23.7 0.0 47.8

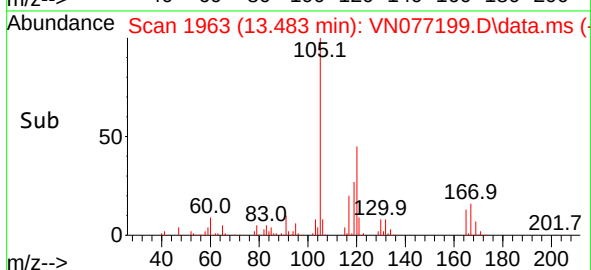
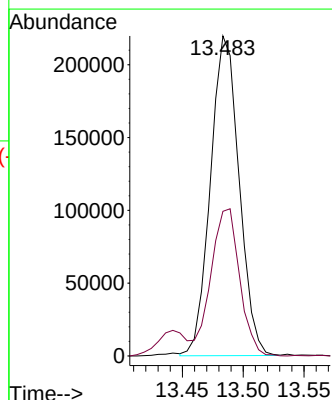
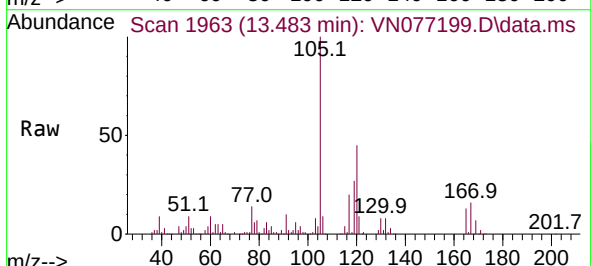
Manual Integrations
APPROVED

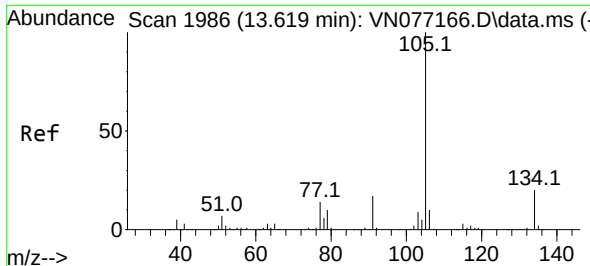
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.191 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

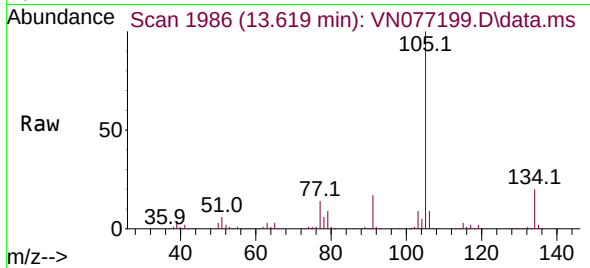
Tgt Ion:105 Resp: 359859
Ion Ratio Lower Upper
105 100
120 46.5 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 19.067 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077199.D
 Acq: 27 Mar 2023 13:03

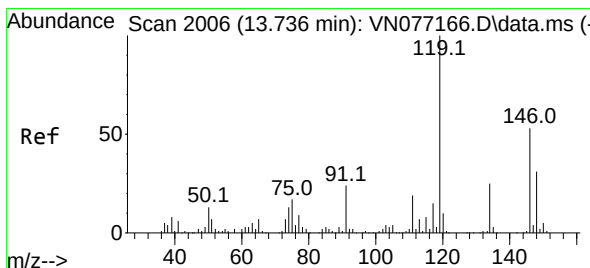
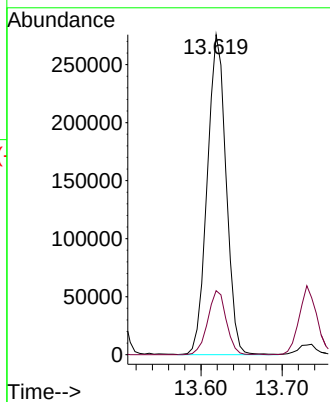
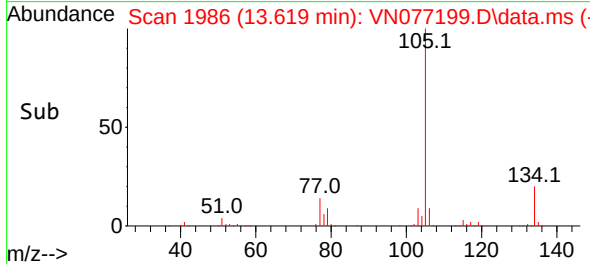
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBSD01



Tgt Ion:105 Resp: 44439
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4

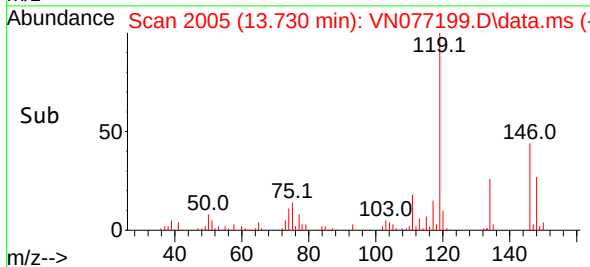
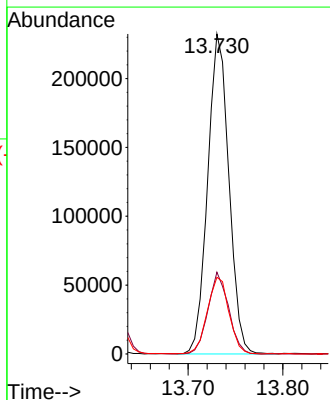
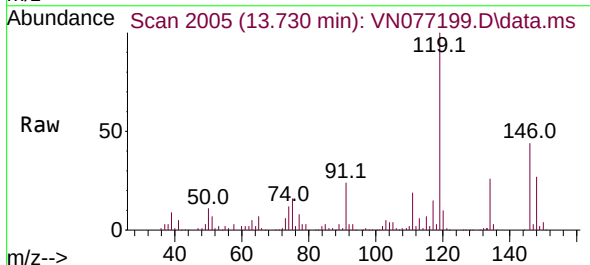
Manual Integrations
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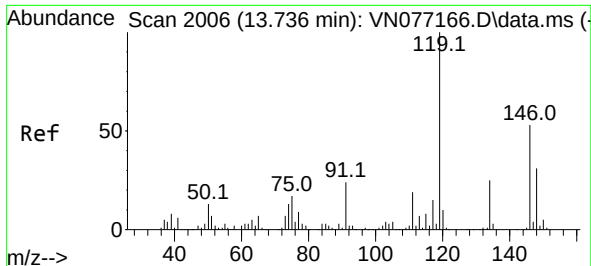
Reviewed By :John Carlone 03/28/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023



#82
 p-Isopropyltoluene
 Concen: 19.312 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077199.D
 Acq: 27 Mar 2023 13:03

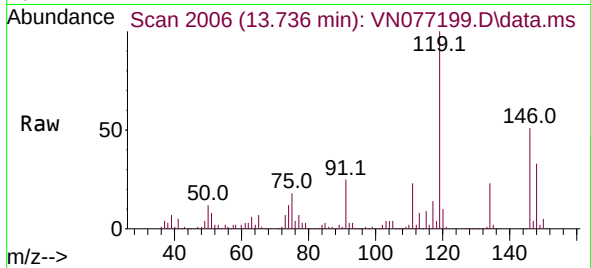
Tgt Ion:119 Resp: 360819
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 53.4
 91 24.5 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 19.576 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

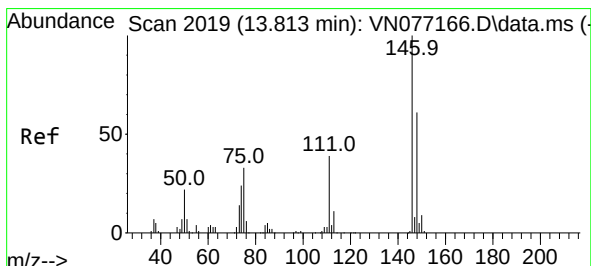
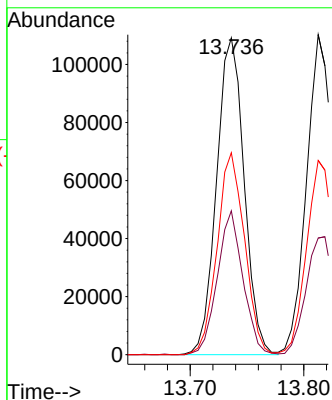
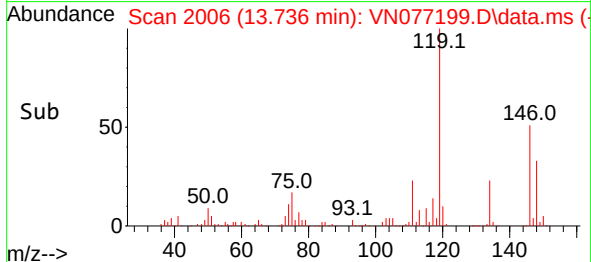
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion:146 Resp: 18446
Ion Ratio Lower Upper
146 100
111 42.2 20.3 60.8
148 63.3 31.9 95.5

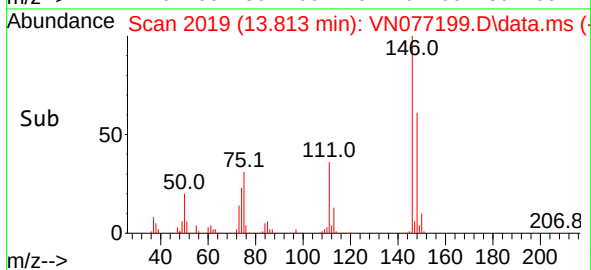
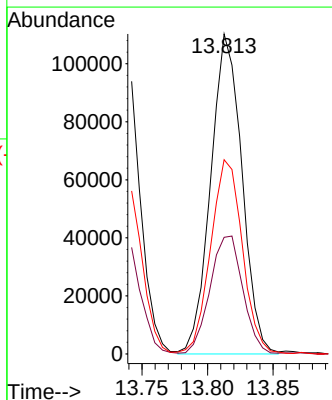
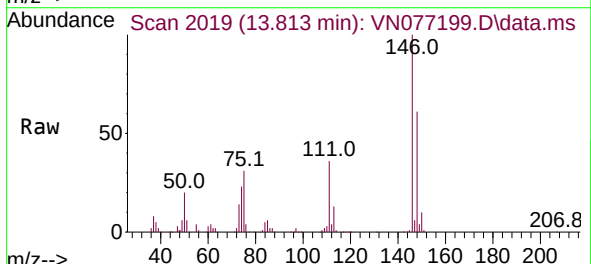
Manual Integrations
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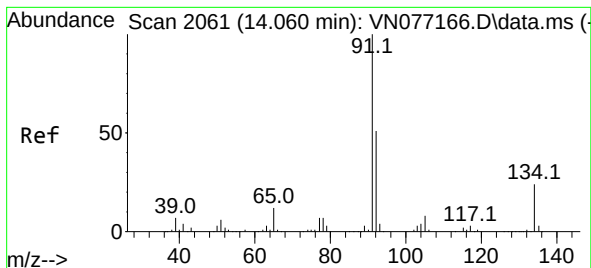
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#84
1,4-Dichlorobenzene
Concen: 19.895 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

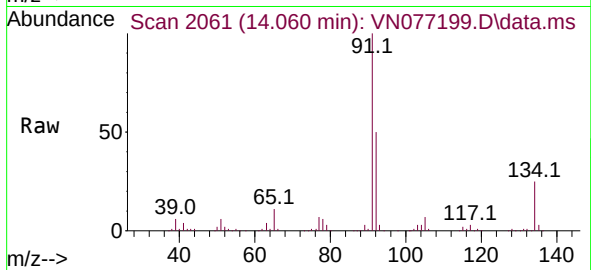
Tgt Ion:146 Resp: 182632
Ion Ratio Lower Upper
146 100
111 38.8 18.2 54.6
148 61.9 31.1 93.2





#85
n-Butylbenzene
Concen: 18.963 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

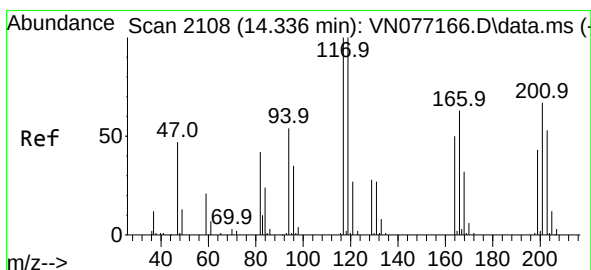
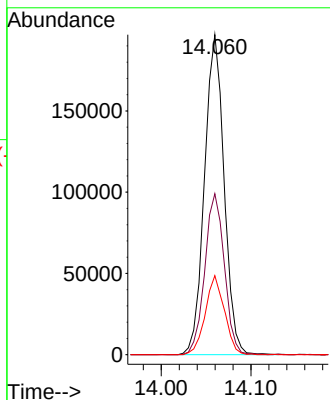
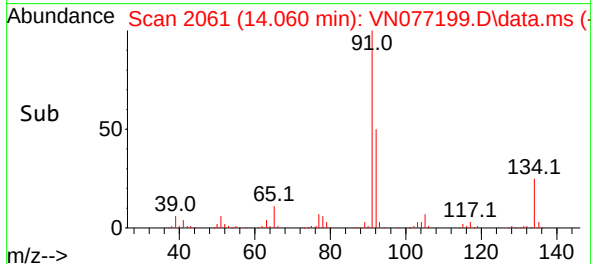
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion: 91 Resp: 29947
Ion Ratio Lower Upper
91 100
92 50.1 0.0 103.2
134 24.1 0.0 50.0

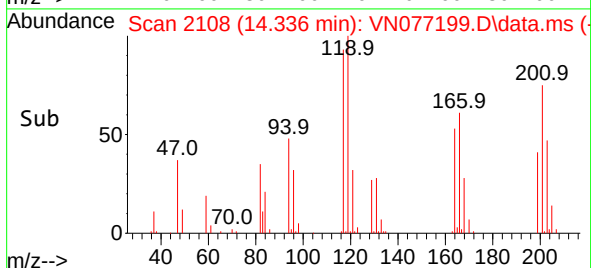
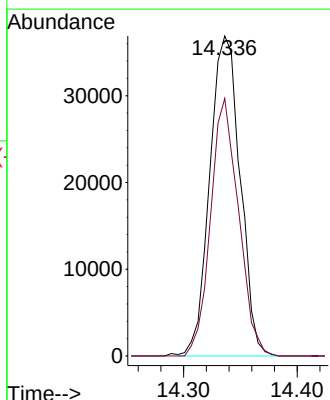
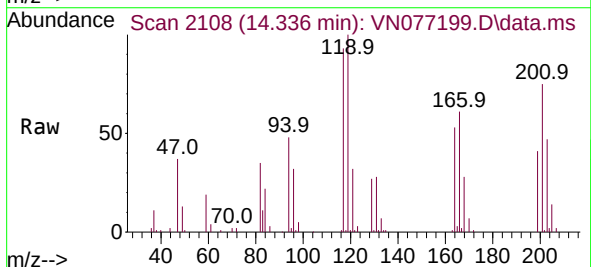
Manual Integrations
APPROVED

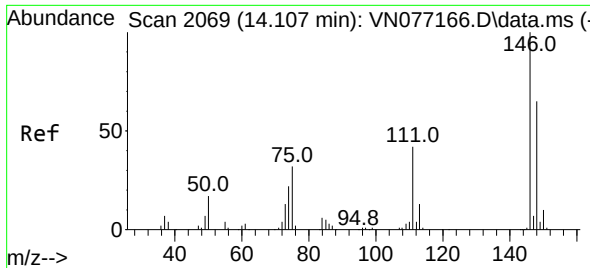
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#86
Hexachloroethane
Concen: 19.228 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

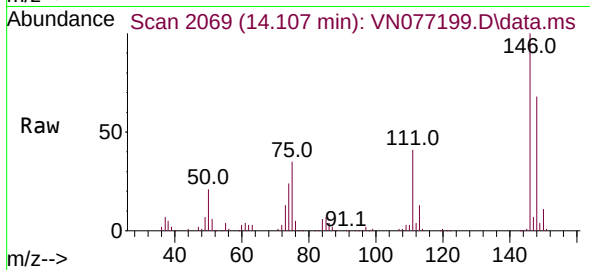
Tgt Ion:117 Resp: 68509
Ion Ratio Lower Upper
117 100
201 74.1 32.2 96.6





#87
1,2-Dichlorobenzene
Concen: 19.609 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

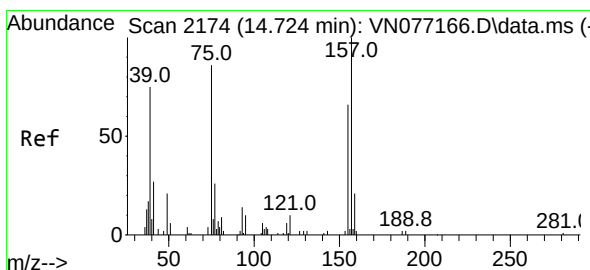
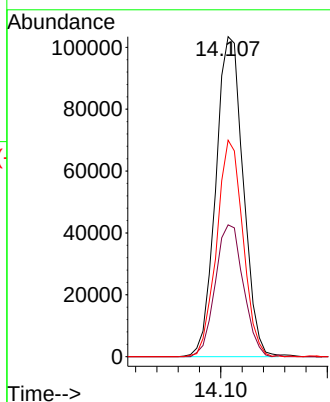
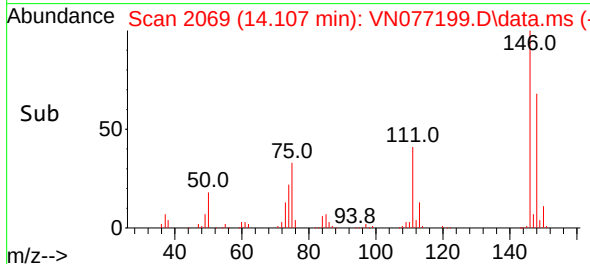
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



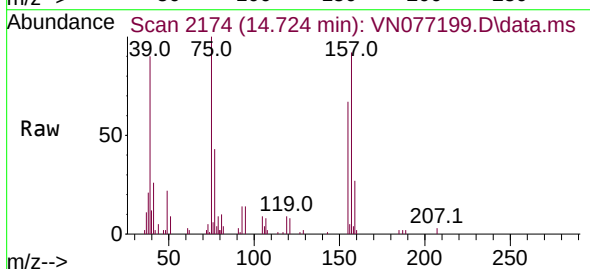
Tgt Ion:146 Resp: 18478
Ion Ratio Lower Upper
146 100
111 42.1 20.5 61.6
148 64.9 32.5 97.5

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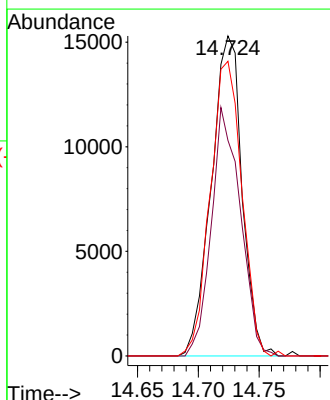
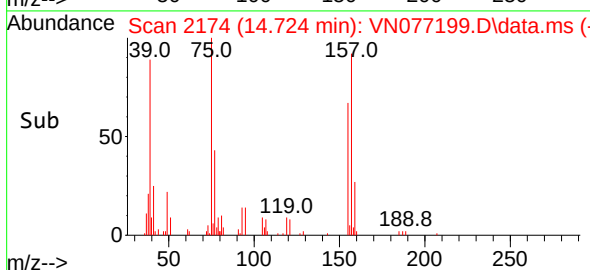
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

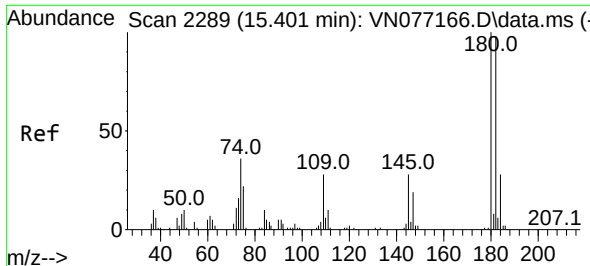


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.813 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03



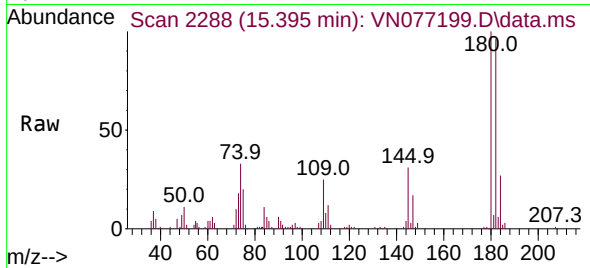
Tgt Ion: 75 Resp: 26897
Ion Ratio Lower Upper
75 100
155 73.3 62.5 93.7
157 94.3 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 17.362 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

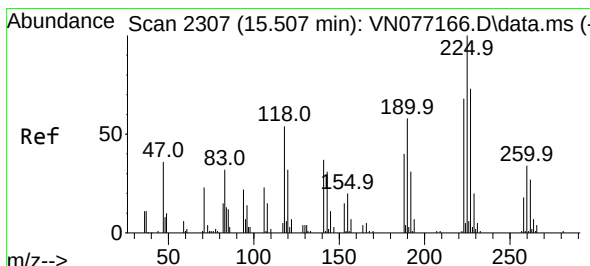
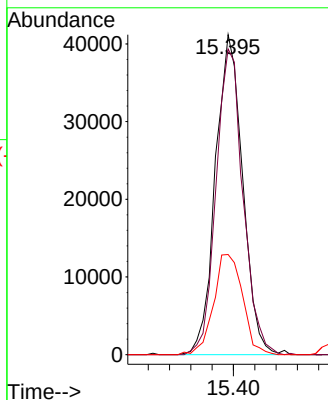
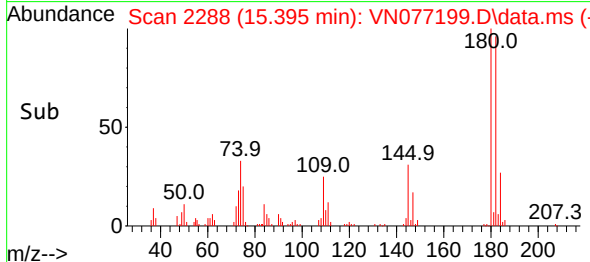
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion:180 Resp: 72984
Ion Ratio Lower Upper
180 100
182 94.6 76.6 115.0
145 33.4 24.6 36.8

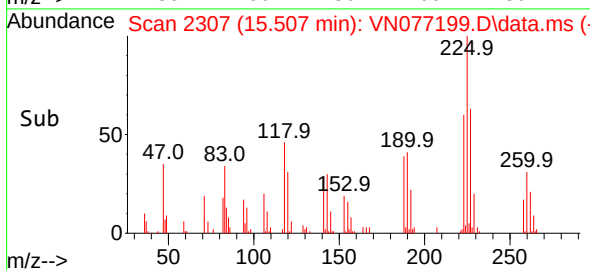
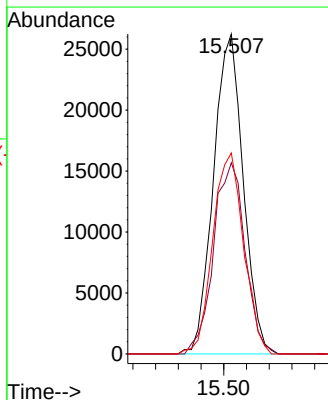
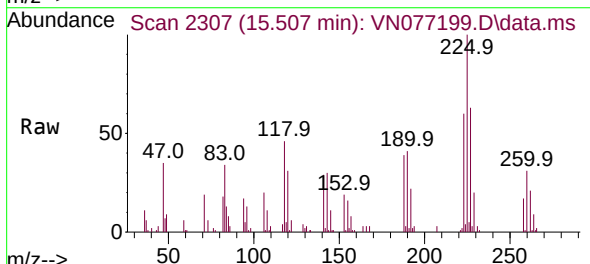
Manual Integrations
APPROVED

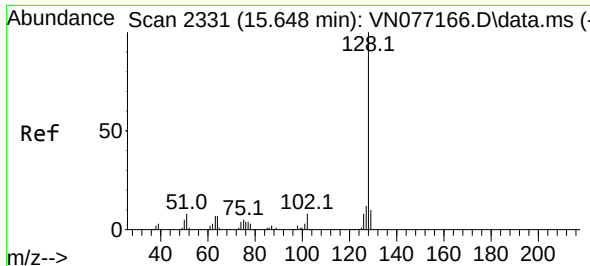
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#90
Hexachlorobutadiene
Concen: 20.141 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

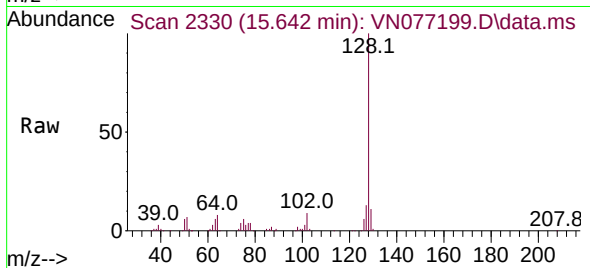
Tgt Ion:225 Resp: 47764
Ion Ratio Lower Upper
225 100
223 63.2 0.0 135.4
227 65.2 0.0 129.4





#91
Naphthalene
Concen: 16.769 ug/l
RT: 15.642 min Scan# 2331
Delta R.T. -0.006 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

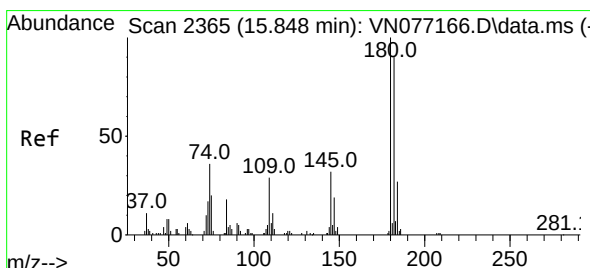
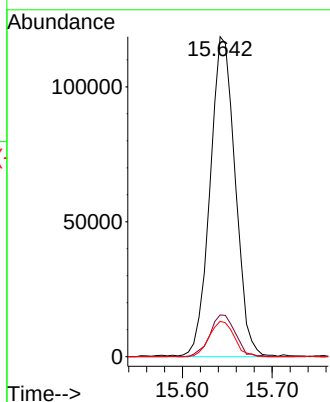
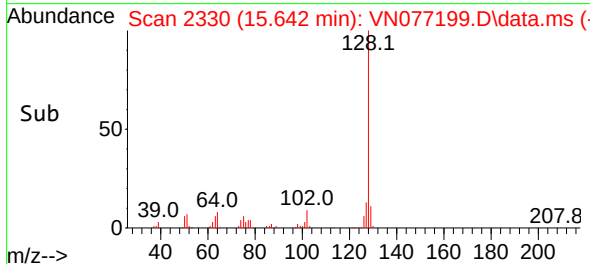
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBSD01



Tgt Ion:128 Resp: 23132
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.6
129 10.9 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 17.065 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. -0.000 min
Lab File: VN077199.D
Acq: 27 Mar 2023 13:03

Tgt Ion:180 Resp: 71234
Ion Ratio Lower Upper
180 100
182 98.8 0.0 190.8
145 34.2 0.0 65.0

