

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077175.D
 Acq On : 24 Mar 2023 11:33
 Operator : JC\MD
 Sample : VN0324WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

Quant Time: Mar 24 23:27:51 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	7.825	128	40503	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	293395	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	323347	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	129755	31.545	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.133%			
60) 4-Bromofluorobenzene	12.848	95	169840	29.238	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.467%			
63) Toluene-d8	10.572	98	345521	29.935	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.767%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	63106	23.662	ug/l	99
3) Chloromethane	2.378	50	82147	19.355	ug/l	96
4) Vinyl Chloride	2.525	62	107873	18.027	ug/l	92
5) Bromomethane	2.966	94	68276	16.273	ug/l	97
6) Chloroethane	3.137	64	74570	14.948	ug/l	95
7) Trichlorofluoromethane	3.507	101	178719	20.748	ug/l	99
8) Diethyl Ether	3.978	74	62132	20.557	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	93810	20.827	ug/l	85
10) 1,1-Dichloroethene	4.354	96	89480	21.231	ug/l	94
11) Methyl Iodide	4.607	142	101555	22.626	ug/l	99
12) Methyl Acetate	5.037	43	181165	19.935	ug/l	95
13) Acrolein	4.190	56	128039	103.962	ug/l	98
14) Acrylonitrile	5.731	53	275034	99.766	ug/l	99
15) Acetone	4.443	58	86471	119.961	ug/l	97
16) Carbon Disulfide	4.725	76	242753	20.395	ug/l	100
17) Allyl chloride	5.037	41	154780	20.881	ug/l	97
18) Methylene Chloride	5.290	84	106634	20.587	ug/l	93
19) trans-1,2-Dichloroethene	5.801	96	94573	20.945	ug/l	99
20) Diisopropyl ether	6.684	45	361807	21.547	ug/l	92
21) 1,1-Dichloroethane	6.578	63	200879	21.249	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	109351	20.512	ug/l #	82
23) tert-Butyl Alcohol	5.525	59	87419	93.423	ug/l	100
24) Methyl tert-Butyl Ether	5.807	73	315627	21.094	ug/l	98
25) Chloroform	7.972	83	196450	21.238	ug/l	99
26) Cyclohexane	8.266	56	167078	20.954	ug/l #	95
29) 1,1-Dichloropropene	8.378	75	142563	20.030	ug/l	99
30) 2-Butanone	7.489	43	398928	97.158	ug/l	99
31) 2,2-Dichloropropane	7.501	77	156990	23.546	ug/l #	67
32) 1,1,1-Trichloroethane	8.178	97	169146	19.711	ug/l	99
33) Carbon Tetrachloride	8.372	117	148272	20.567	ug/l	94
34) Benzene	8.607	78	423261	19.401	ug/l	94
35) Methacrylonitrile	7.783	41	87261	19.360	ug/l	97
36) 1,2-Dichloroethane	8.678	62	165286	20.550	ug/l	98
37) Trichloroethene	9.360	130	99199	20.112	ug/l	97
38) Methylcyclohexane	9.607	83	167869	19.813	ug/l	97
39) 1,2-Dichloropropane	9.625	63	114940	19.679	ug/l #	88
40) Dibromomethane	9.713	93	73966	19.804	ug/l	96
41) Bromodichloromethane	9.889	83	149790	19.695	ug/l	92
42) Vinyl Acetate	6.613	43	1160680	94.309	ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	154966	18.892	ug/l	100
44) Isopropyl Acetate	8.695	43	244134	18.443	ug/l	98
45) 1,4-Dioxane	9.701	88	42625	396.010	ug/l	97
46) Methyl methacrylate	9.683	41	118315	19.385	ug/l	95
47) n-amyl Acetate	12.495	43	204434	18.357	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	151233	19.577	ug/l	97
49) cis-1,3-Dichloropropene	10.313	75	167059	19.753	ug/l	98
50) 1,1,2-Trichloroethane	11.019	97	104513	19.934	ug/l	92
51) Ethyl methacrylate	10.872	69	150914	18.643	ug/l	98
52) 1,3-Dichloropropane	11.166	76	183396	19.706	ug/l	99
53) Dibromochloromethane	11.360	129	103914	19.143	ug/l	100
54) 1,2-Dibromoethane	11.477	107	101075	19.591	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	298243	88.120	ug/l	97
56) Bromoform	12.583	173	70034	18.386	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	797998	95.622	ug/l	98
59) 2-Hexanone	11.195	43	582517	95.732	ug/l	99
61) Tetrachloroethene	11.101	164	80945	19.946	ug/l	98
62) Toluene	10.630	91	455555	20.046	ug/l	99
64) Chlorobenzene	11.895	112	267194	19.873	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	98300	19.908	ug/l	96
66) Ethyl Benzene	11.966	91	491320	20.121	ug/l	97
67) m/p-Xylenes	12.071	106	379993	40.437	ug/l	96
68) o-Xylene	12.401	106	181360	19.711	ug/l	97
69) Styrene	12.413	104	292283	19.563	ug/l	98
70) Isopropylbenzene	12.701	105	476483	19.971	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.942	83	155544	19.917	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	117947m	17.063	ug/l	
73) Bromobenzene	12.983	156	105359	19.753	ug/l	91
74) n-propylbenzene	13.036	91	552993	20.020	ug/l	100
75) 2-Chlorotoluene	13.130	91	334496	20.085	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	403510	20.375	ug/l	95
77) t-1,4-Dichloro-2-butene	12.736	75	42183	19.143	ug/l	96
78) 4-Chlorotoluene	13.224	91	310821	19.402	ug/l	96
79) tert-butylbenzene	13.442	119	338030	19.980	ug/l	96
80) 1,2,4-Trimethylbenzene	13.483	105	392237	19.958	ug/l	96
81) sec-Butylbenzene	13.618	105	479830	19.642	ug/l	100
82) p-Isopropyltoluene	13.730	119	379724	19.391	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	195433	19.788	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	185194	19.249	ug/l	96
85) n-Butylbenzene	14.060	91	311825	18.839	ug/l	99
86) Hexachloroethane	14.336	117	69540	18.622	ug/l	90
87) 1,2-Dichlorobenzene	14.107	146	191746	19.414	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	27146	18.116	ug/l	98
89) 1,2,4-Trichlorobenzene	15.395	180	78314	17.775	ug/l	98
90) Hexachlorobutadiene	15.501	225	48686	19.587	ug/l	99
91) Naphthalene	15.648	128	246531	17.051	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	77310	17.671	ug/l	99

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

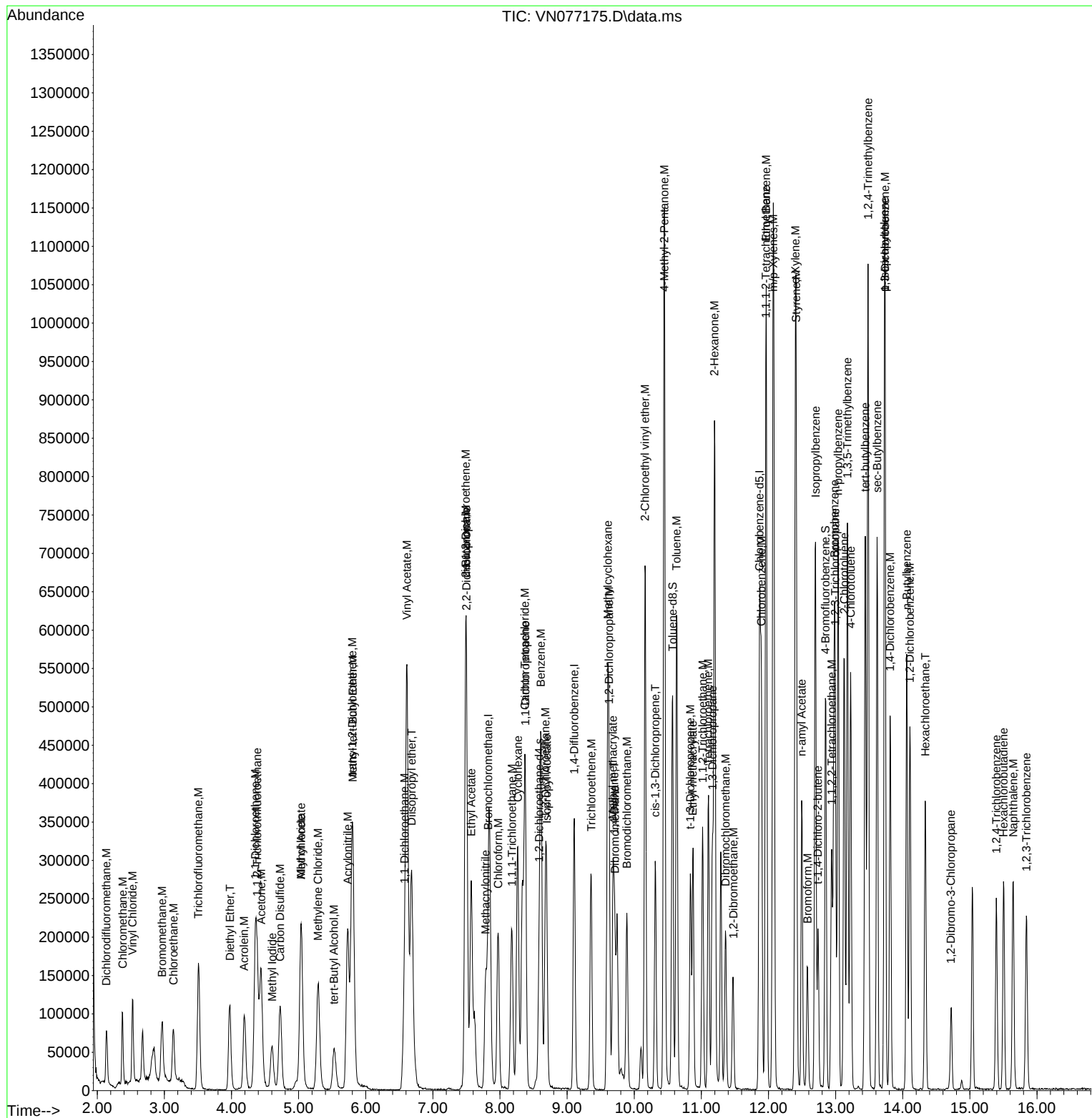
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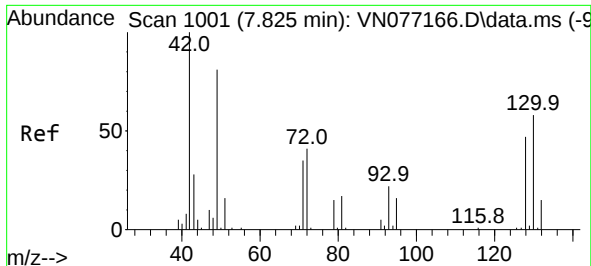
Instrument :
 MSVOA_N
 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By : John Carlone 03/27/2023
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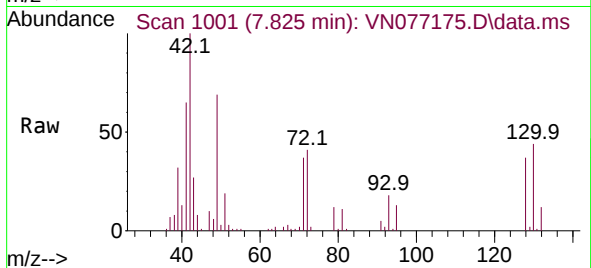
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

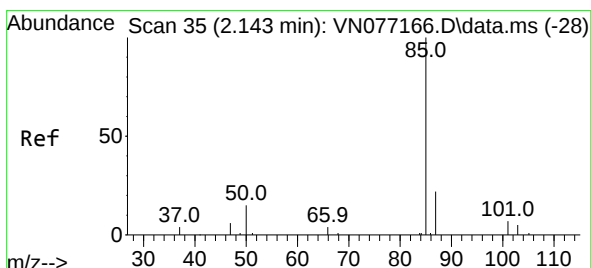
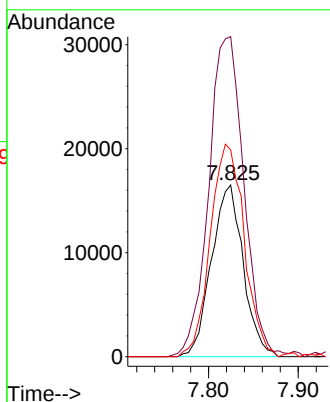
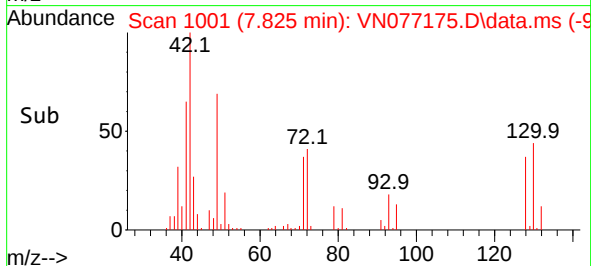
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



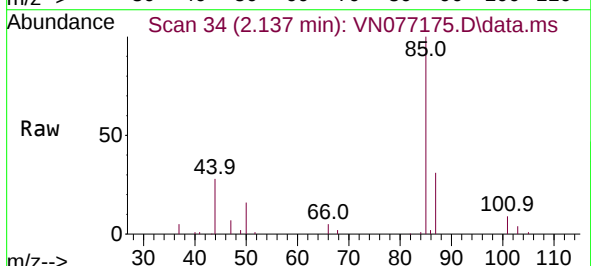
Tgt Ion:128 Resp: 4050
Ion Ratio Lower Upper
128 100
49 205.2 0.0 461.8
130 132.3 0.0 295.3

Manual Integrations
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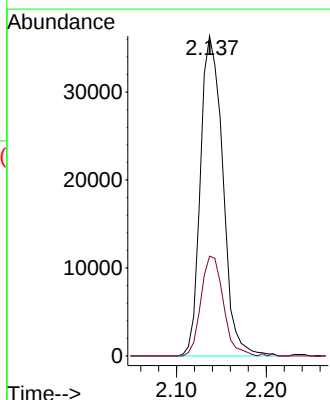
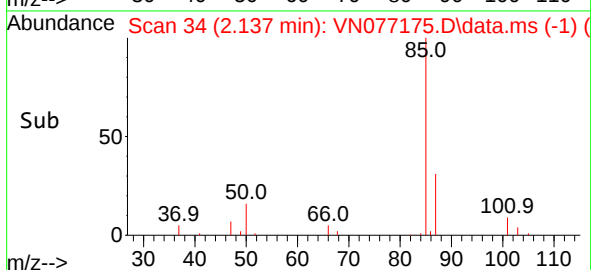
Reviewed By :John Carlone 03/27/2023
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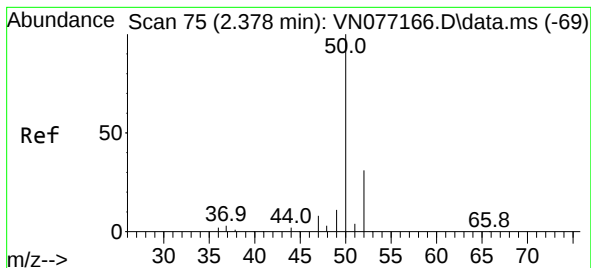


#2
Dichlorodifluoromethane
Concen: 23.662 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



Tgt Ion: 85 Resp: 63106
Ion Ratio Lower Upper
85 100
87 31.2 15.4 46.1





#3

Chloromethane

Concen: 19.355 ug/l

RT: 2.378 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion: 50 Resp: 8214

Ion Ratio Lower Upper

50 100

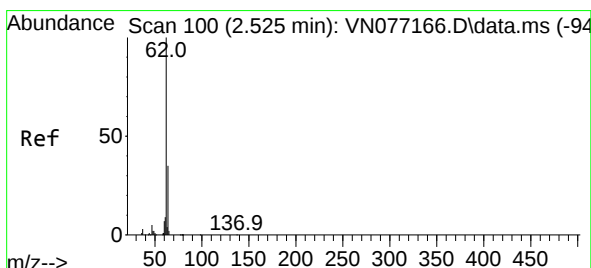
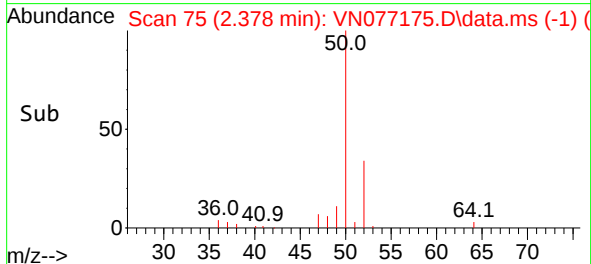
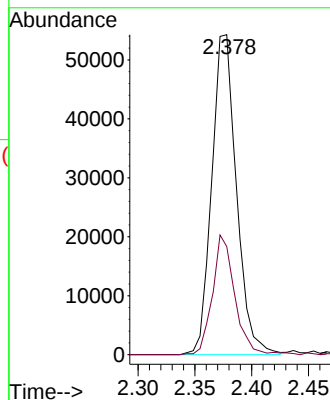
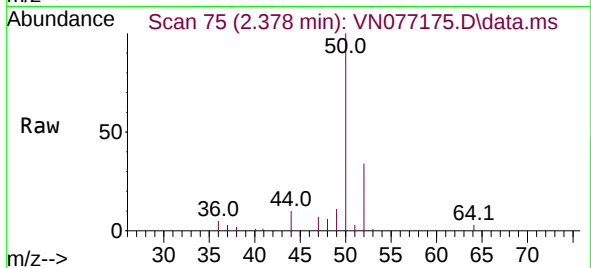
52 33.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#4

Vinyl Chloride

Concen: 18.027 ug/l

RT: 2.525 min Scan# 100

Delta R.T. 0.000 min

Lab File: VN077175.D

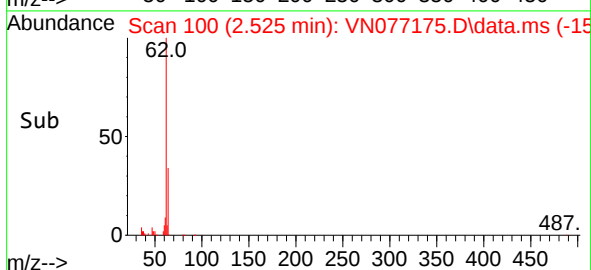
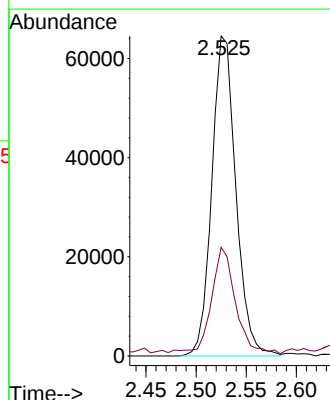
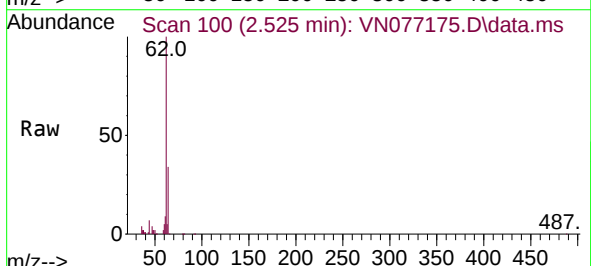
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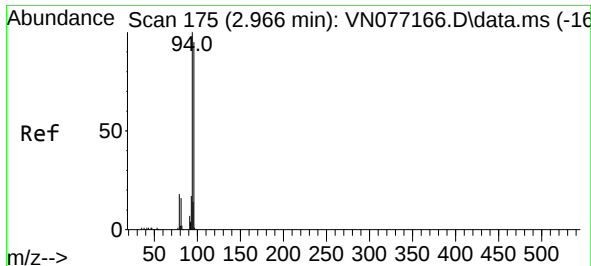
Tgt Ion: 62 Resp: 107873

Ion Ratio Lower Upper

62 100

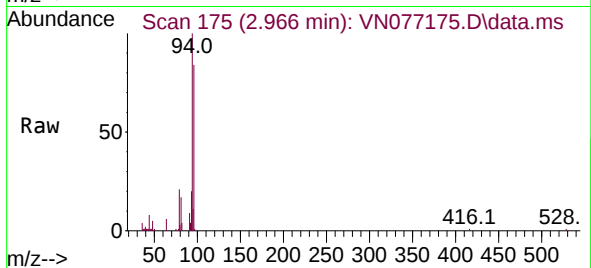
64 33.2 23.1 34.7





#5
Bromomethane
Concen: 16.273 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

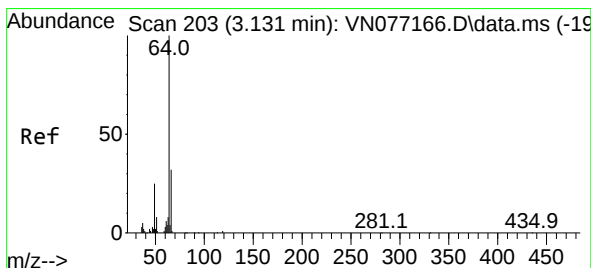
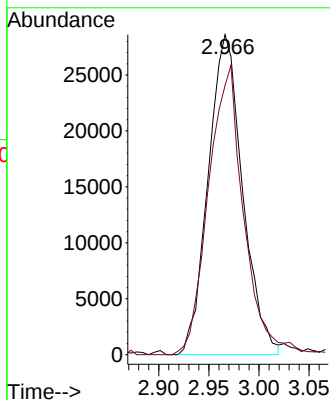
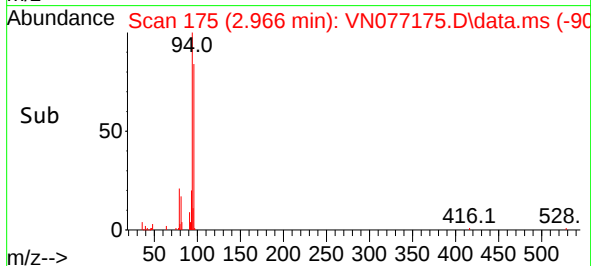
Instrument :
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Tgt Ion: 94 Resp: 68270
Ion Ratio Lower Upper
94 100
96 83.1 68.6 103.0

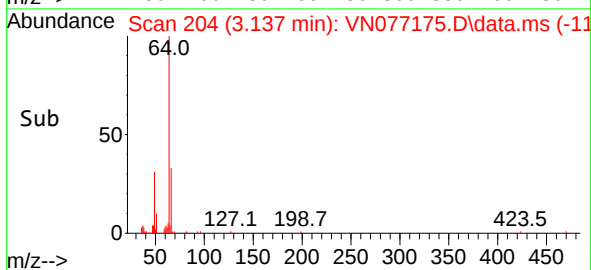
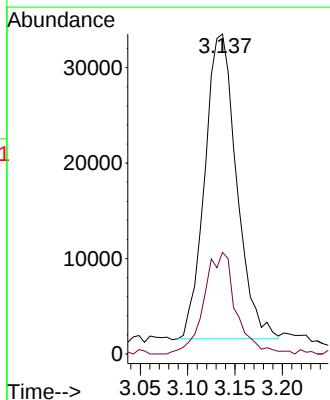
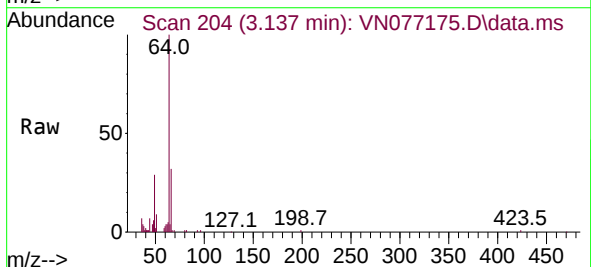
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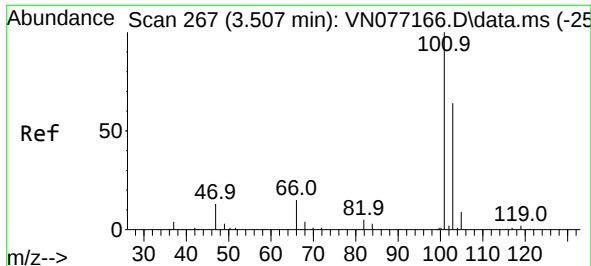
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#6
Chloroethane
Concen: 14.948 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion: 64 Resp: 74570
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.6





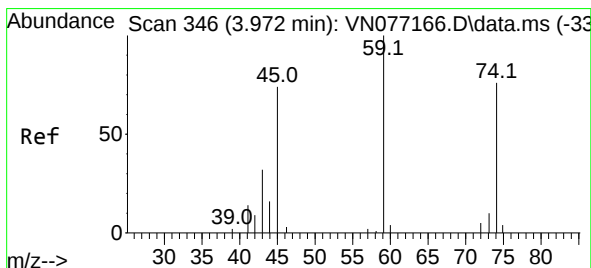
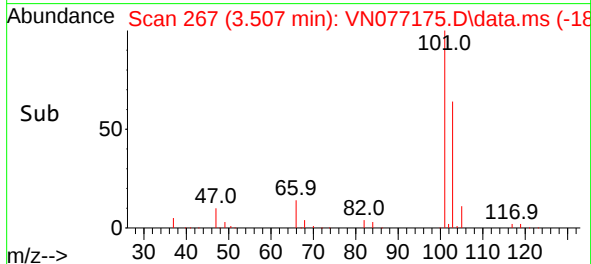
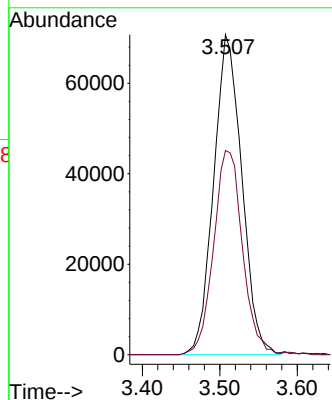
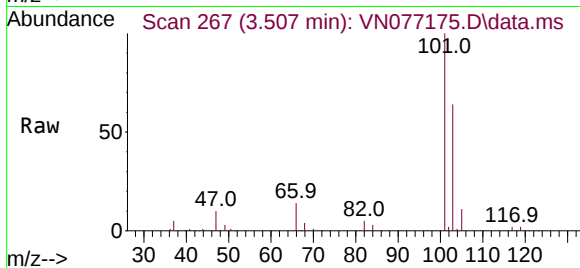
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Trichlorofluoromethane
Concen: 20.748 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:101 Resp: 178719
Ion Ratio Lower Upper
101 100
103 63.8 50.2 75.2

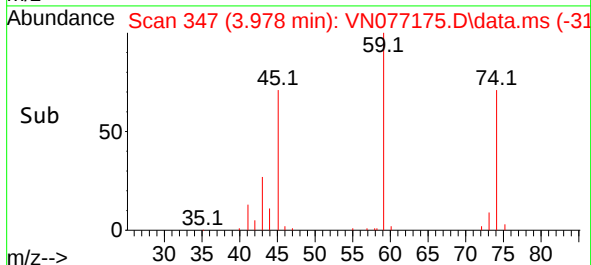
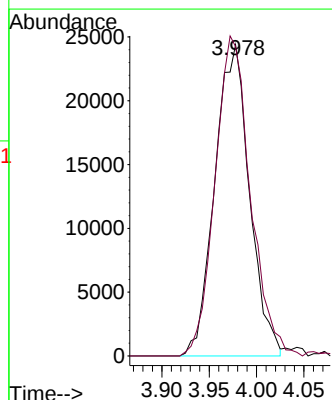
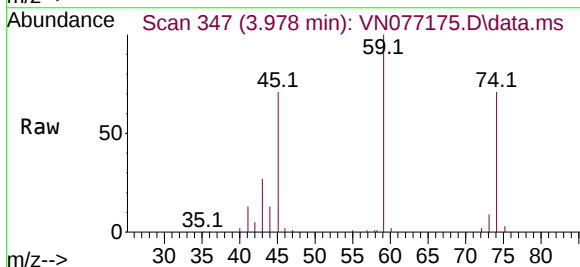
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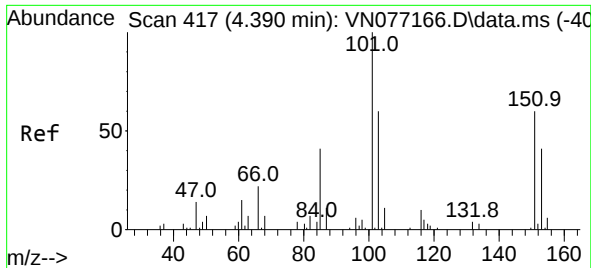
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#8
Diethyl Ether
Concen: 20.557 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion: 74 Resp: 62132
Ion Ratio Lower Upper
74 100
45 104.7 21.4 193.0





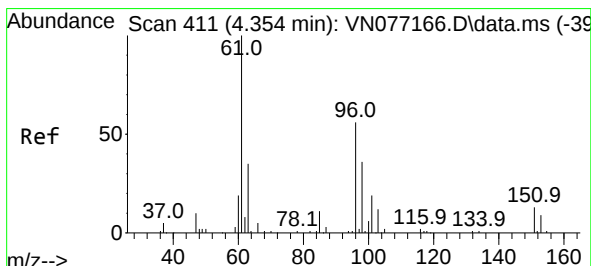
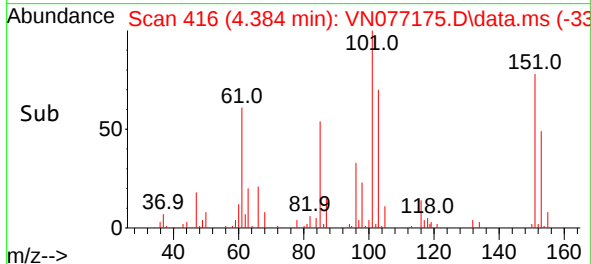
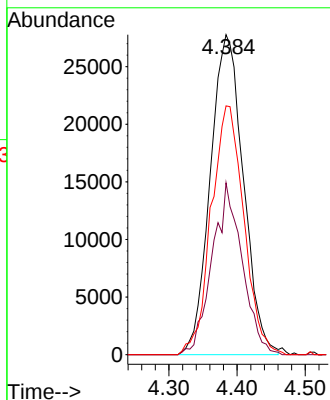
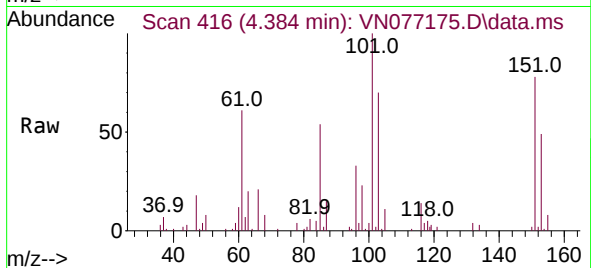
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1,1,2-Trichlorotrifluoroethane
Concen: 20.827 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:101 Resp: 93810
Ion Ratio Lower Upper
101 100
85 29.0 0.0 95.2
151 76.7 0.0 142.2

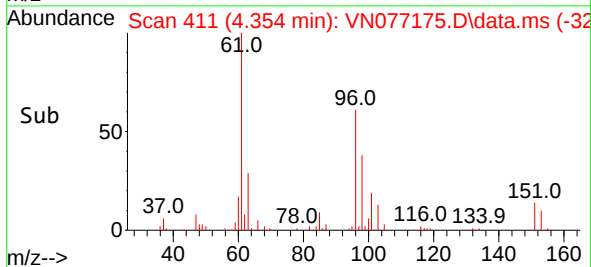
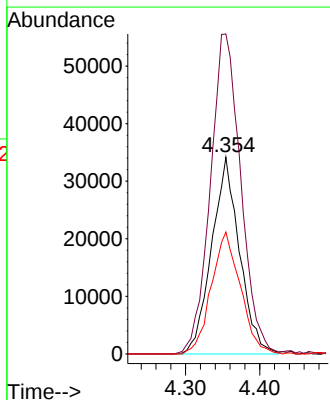
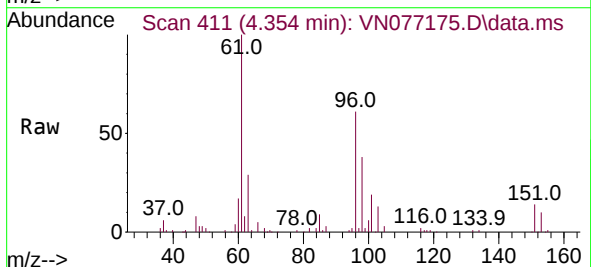
Manual Integrations
APPROVED

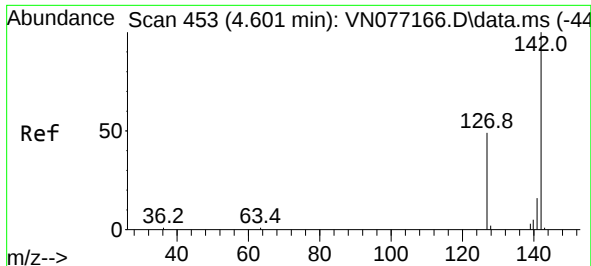
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
1,1-Dichloroethene
Concen: 21.231 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

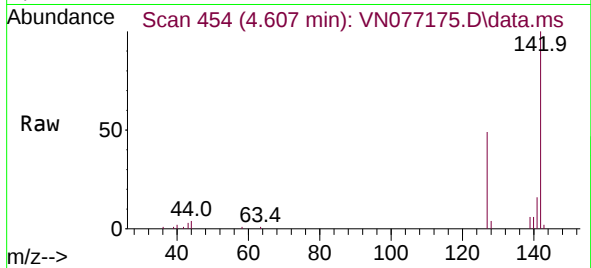
Tgt Ion: 96 Resp: 89480
Ion Ratio Lower Upper
96 100
61 162.1 137.1 205.7
98 62.0 53.2 79.8





#11
Methyl Iodide
Concen: 22.626 ug/l
RT: 4.607 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

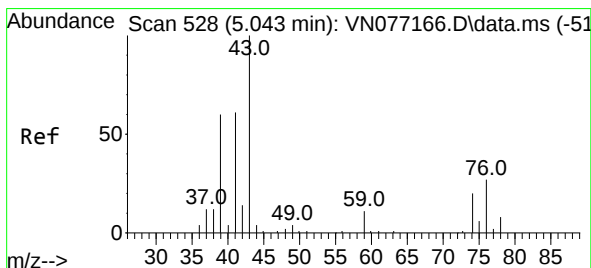
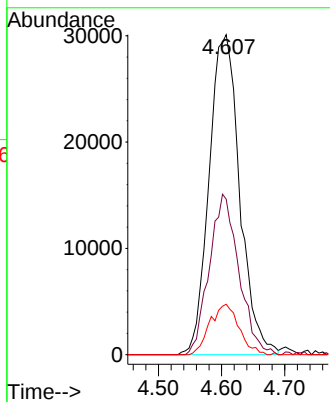
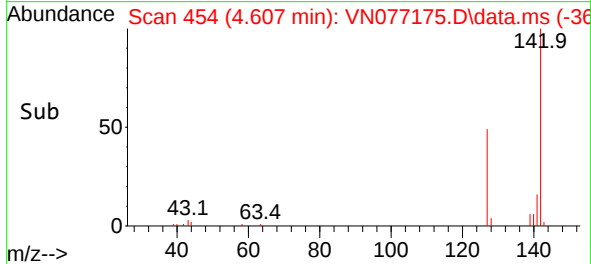
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion:142 Resp: 10155
Ion Ratio Lower Upper
142 100
127 48.9 25.0 75.0
141 15.8 8.0 24.0

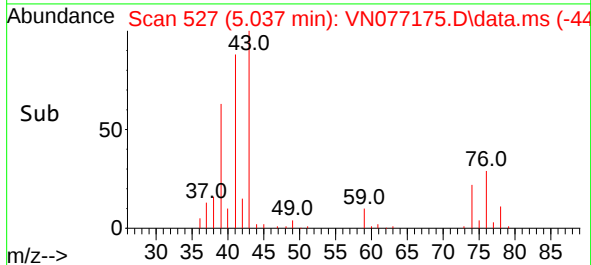
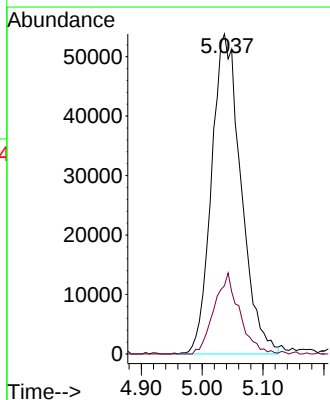
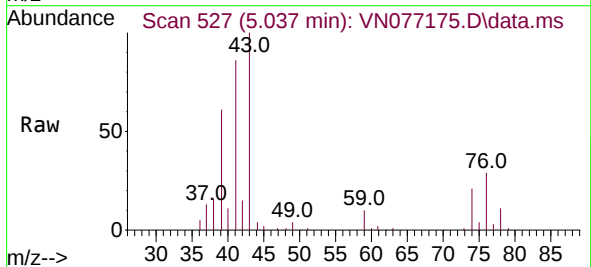
Manual Integrations
APPROVED

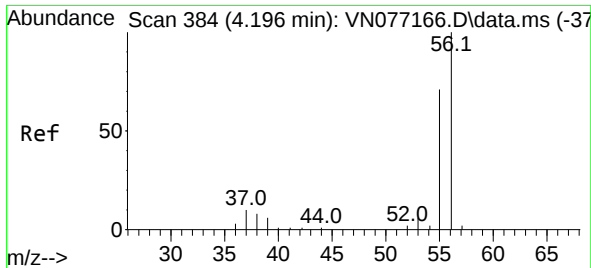
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#12
Methyl Acetate
Concen: 19.935 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion: 43 Resp: 181165
Ion Ratio Lower Upper
43 100
74 21.4 19.0 28.4





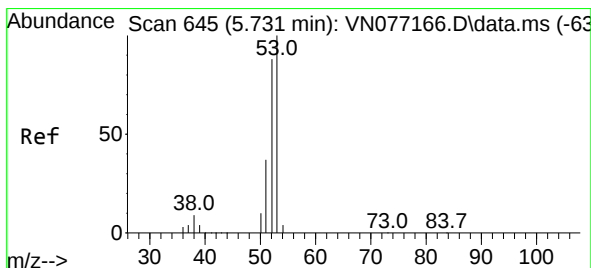
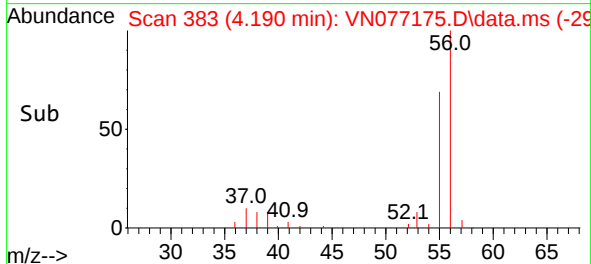
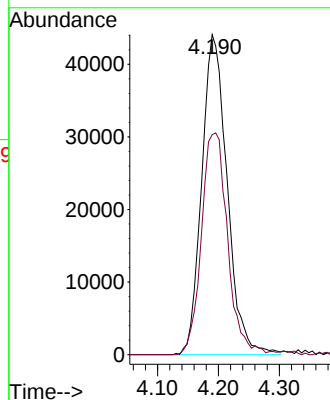
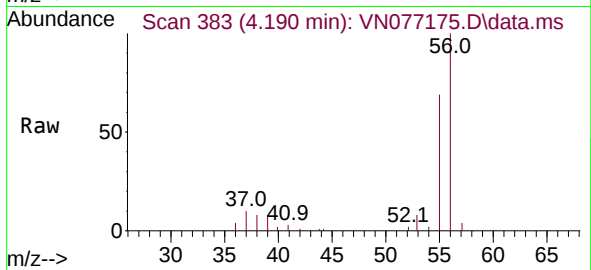
#13
Acrolein
Concen: 103.962 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 56 Resp: 128039
Ion Ratio Lower Upper
56 100
55 70.1 55.0 82.4

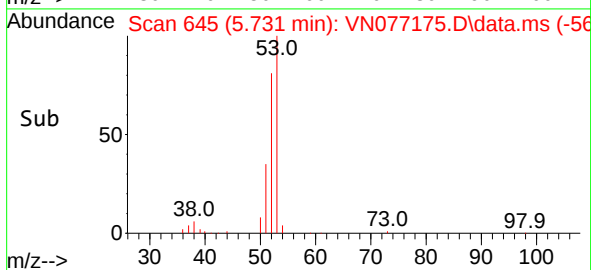
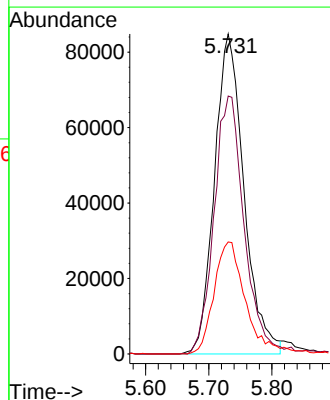
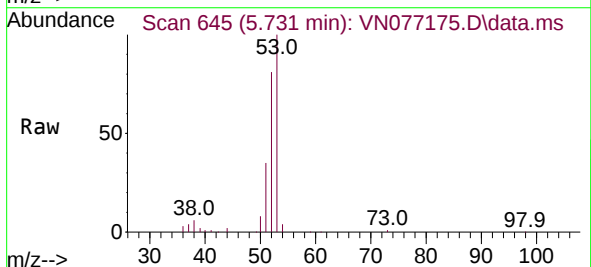
Manual Integrations
APPROVED

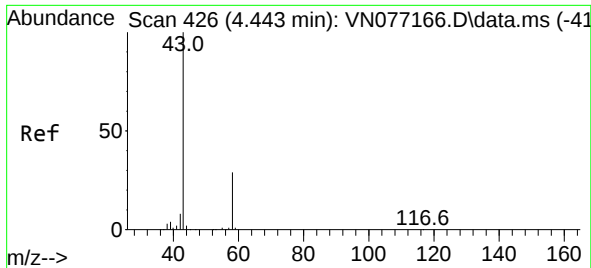
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#14
Acrylonitrile
Concen: 99.766 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion: 53 Resp: 275034
Ion Ratio Lower Upper
53 100
52 81.8 41.5 124.6
51 35.3 17.6 52.8





#15

Acetone

Concen: 119.961 ug/l

RT: 4.443 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion: 58 Resp: 8647

Ion Ratio Lower Upper

58 100

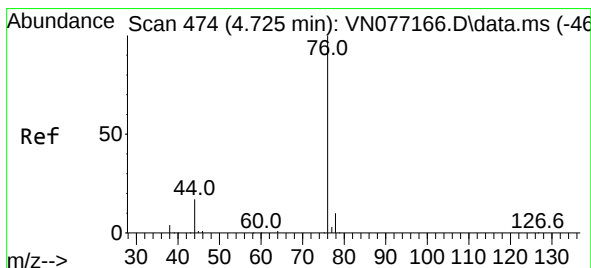
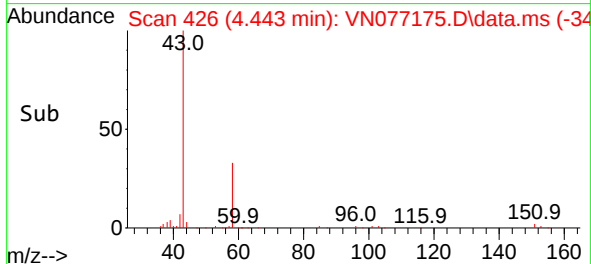
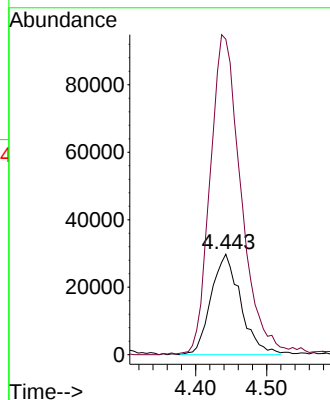
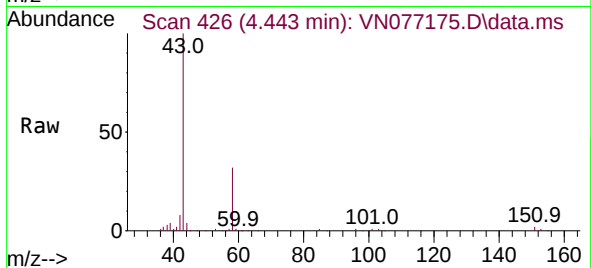
43 312.6 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#16

Carbon Disulfide

Concen: 20.395 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.000 min

Lab File: VN077175.D

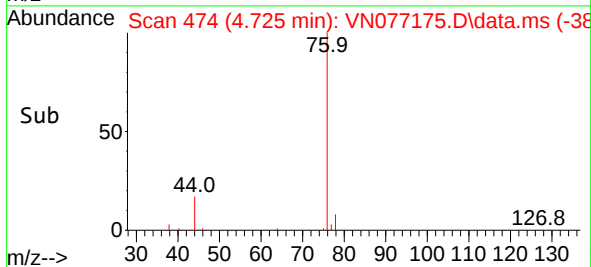
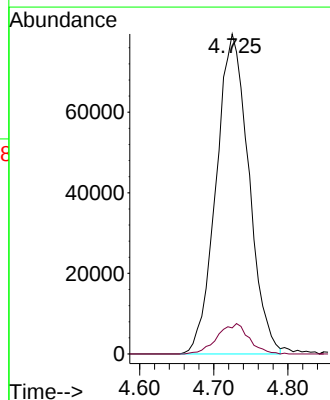
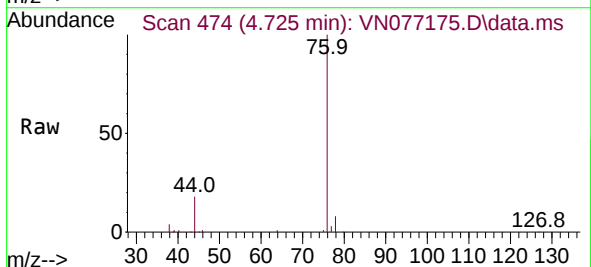
Acq: 24 Mar 2023 11:33

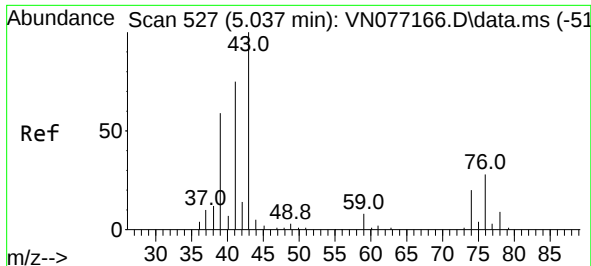
Tgt Ion: 76 Resp: 242753

Ion Ratio Lower Upper

76 100

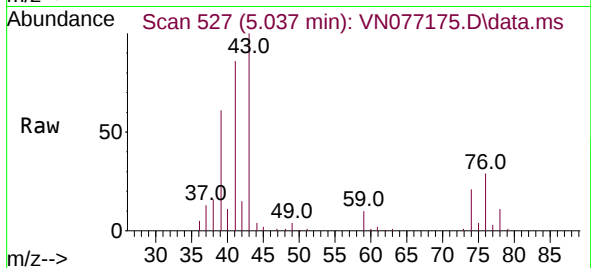
78 8.1 6.6 9.8





#17
 Allyl chloride
 Concen: 20.881 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077175.D
 Acq: 24 Mar 2023 11:33

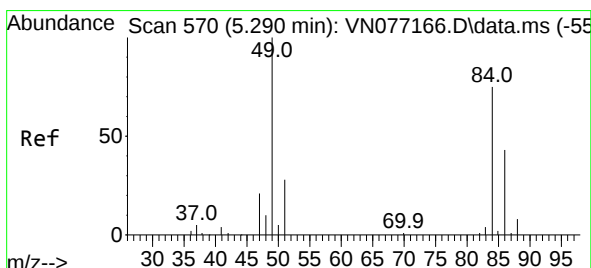
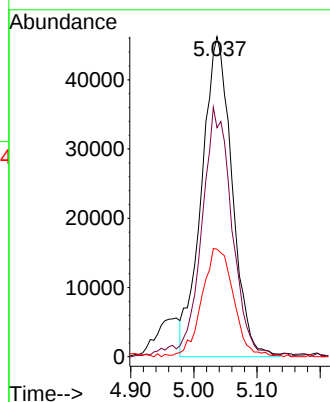
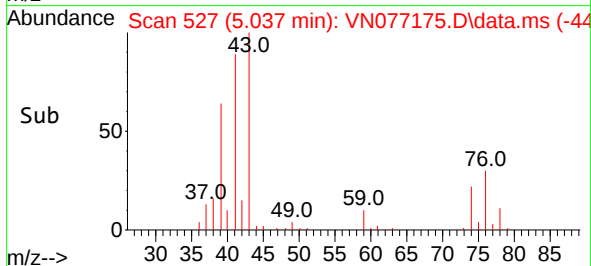
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01



Tgt Ion: 41 Resp: 154780
 Ion Ratio Lower Upper
 41 100
 39 71.5 34.8 104.3
 76 33.5 17.5 52.5

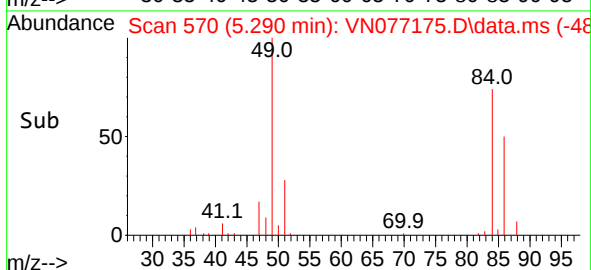
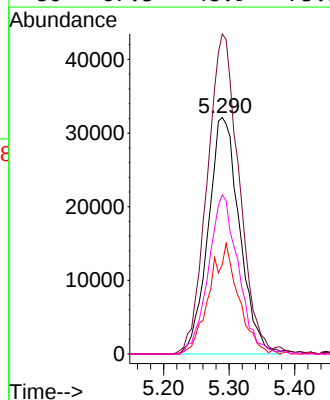
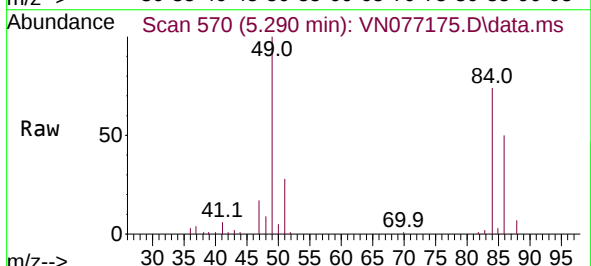
Manual Integrations
 APPROVED

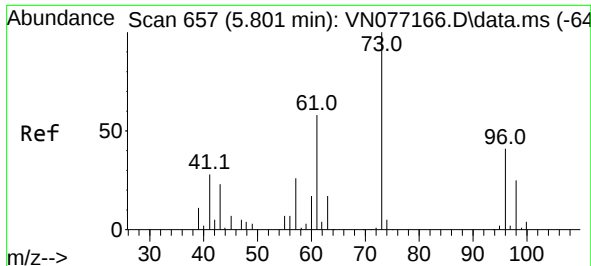
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#18
 Methylene Chloride
 Concen: 20.587 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077175.D
 Acq: 24 Mar 2023 11:33

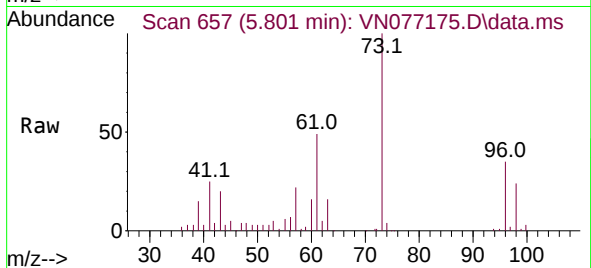
Tgt Ion: 84 Resp: 106634
 Ion Ratio Lower Upper
 84 100
 49 133.8 113.8 170.6
 51 37.8 34.2 51.4
 86 67.3 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 20.945 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

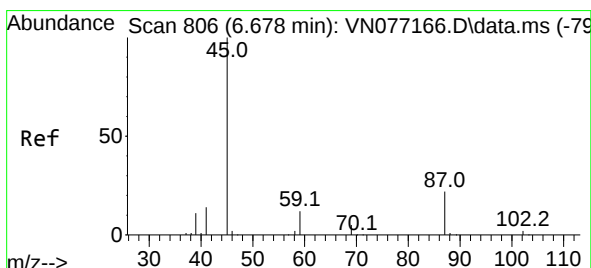
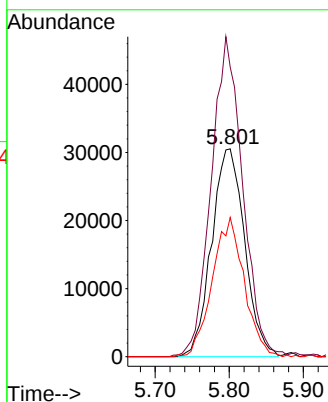
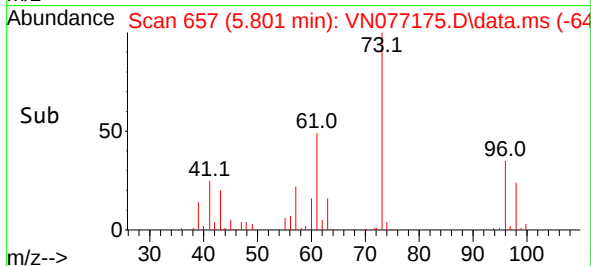
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



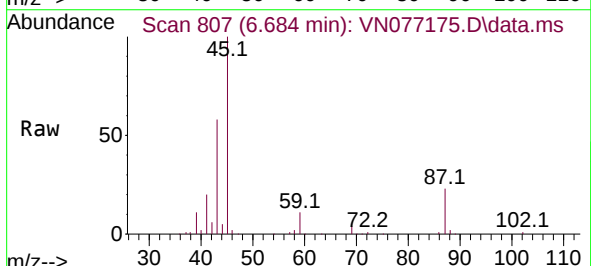
Tgt Ion: 96 Resp: 9457
Ion Ratio Lower Upper
96 100
61 138.6 111.0 166.4
98 66.0 55.0 82.6

Manual Integrations
APPROVED

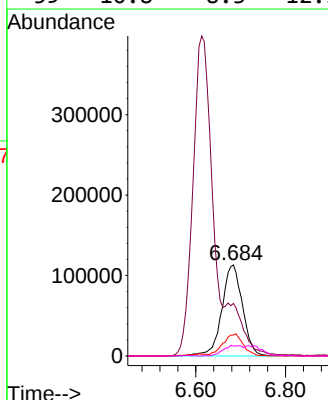
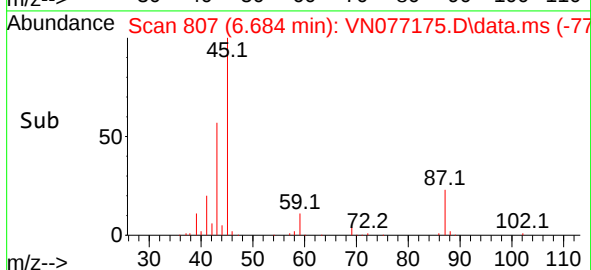
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

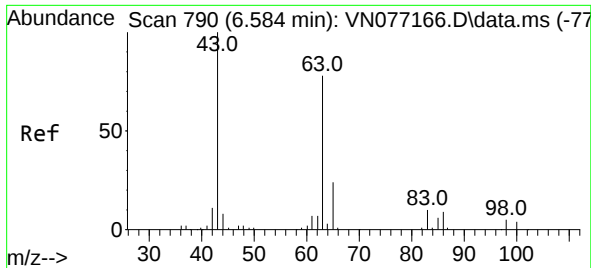


#20
Diisopropyl ether
Concen: 21.547 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



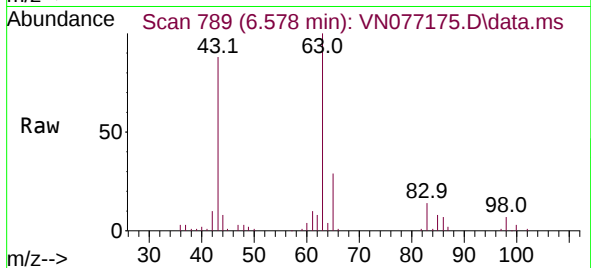
Tgt Ion: 45 Resp: 361807
Ion Ratio Lower Upper
45 100
43 56.1 38.6 58.0
87 22.8 20.1 30.1
59 10.8 8.3 12.5





#21
1,1-Dichloroethane
Concen: 21.249 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

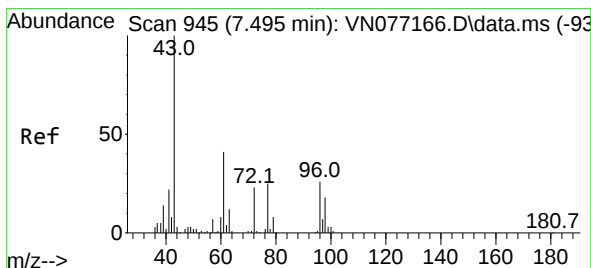
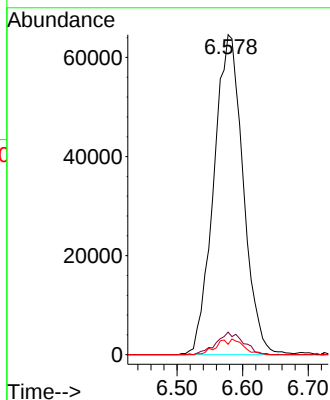
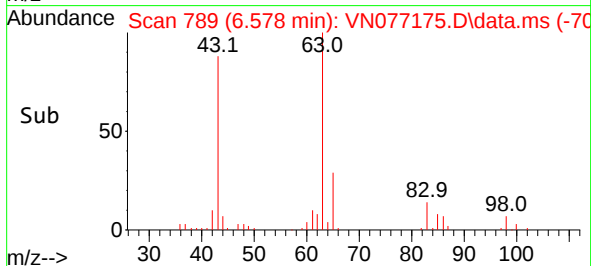
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



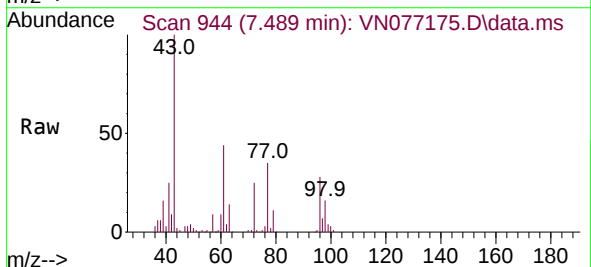
Tgt Ion: 63 Resp: 200879
Ion Ratio Lower Upper
63 100
98 7.1 3.6 10.9
100 3.2 2.6 7.8

Manual Integrations
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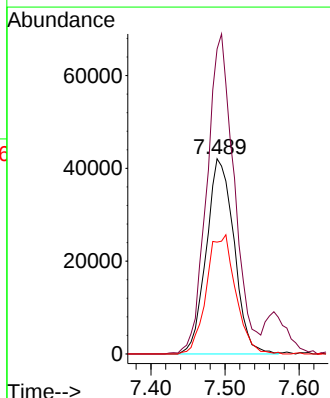
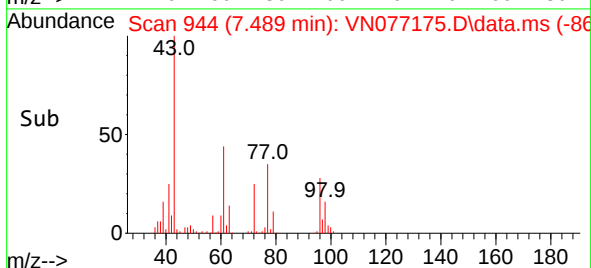
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

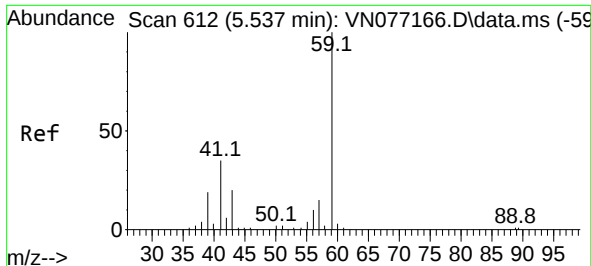


#22
cis-1,2-Dichloroethene
Concen: 20.512 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



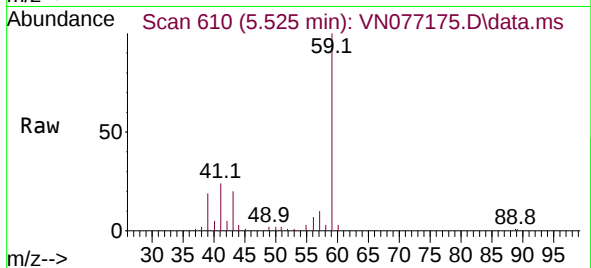
Tgt Ion: 96 Resp: 109351
Ion Ratio Lower Upper
96 100
61 161.2 121.0 181.4
98 28.6 50.1 75.1#





#23
tert-Butyl Alcohol
Concen: 93.423 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.012 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

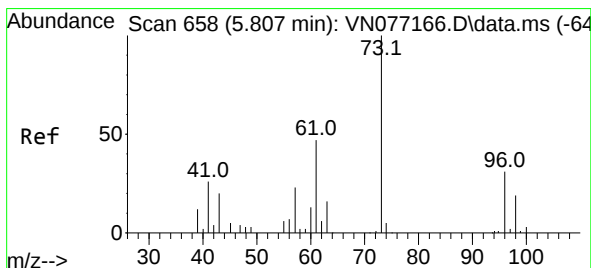
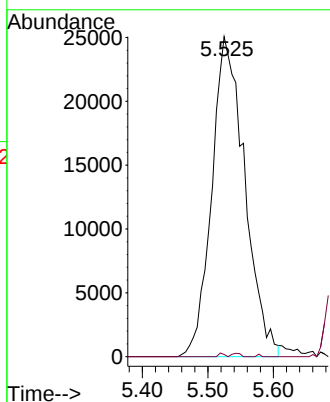
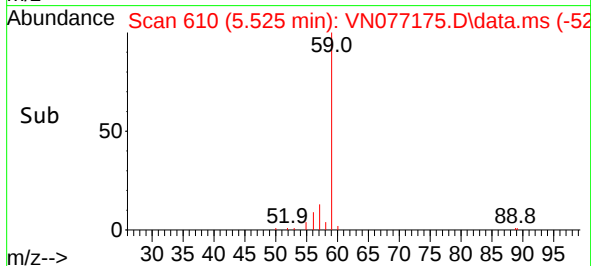
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 59 Resp: 87419
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

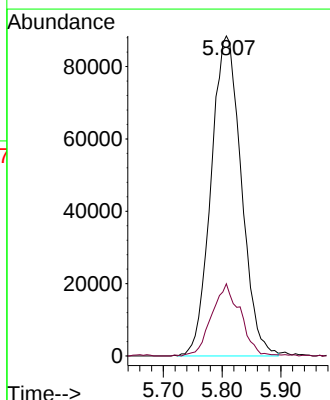
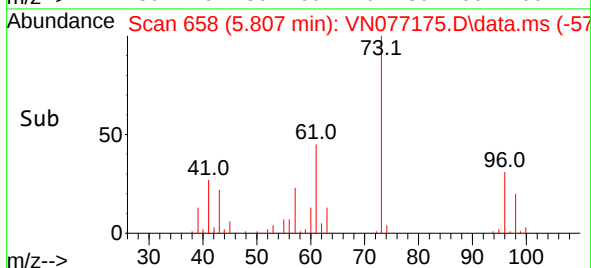
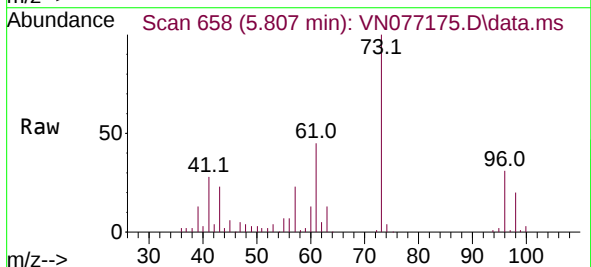
Manual Integrations
APPROVED

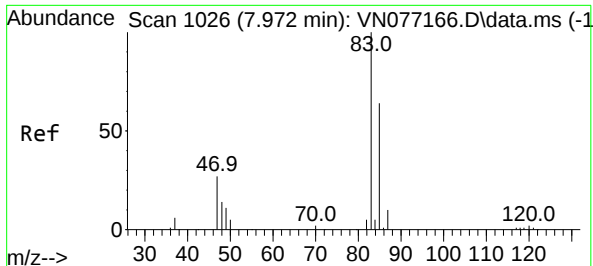
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#24
Methyl tert-Butyl Ether
Concen: 21.094 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion: 73 Resp: 315627
Ion Ratio Lower Upper
73 100
43 21.2 17.8 26.6





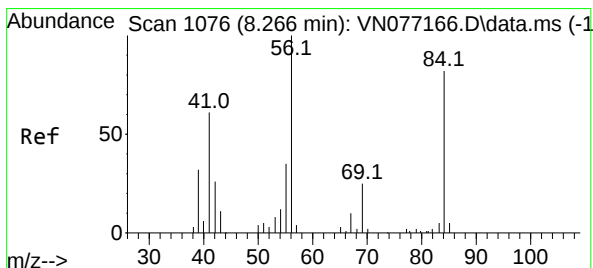
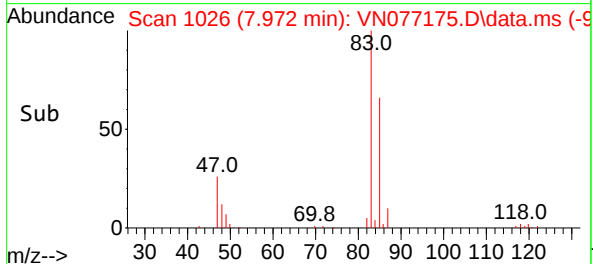
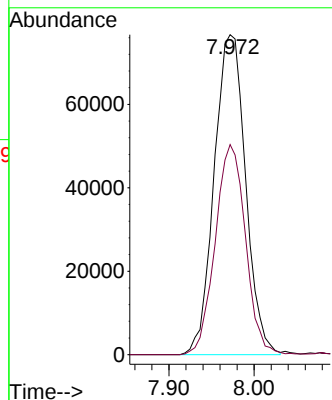
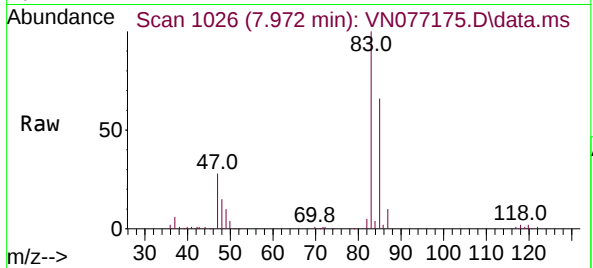
#25
Chloroform
Concen: 21.238 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 83 Resp: 196450
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.6

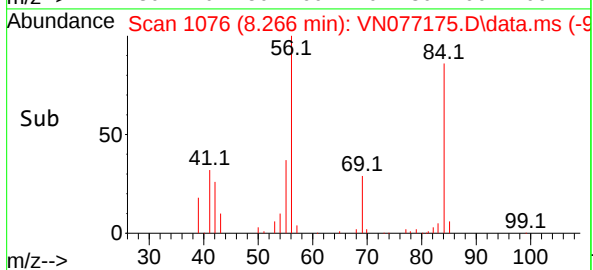
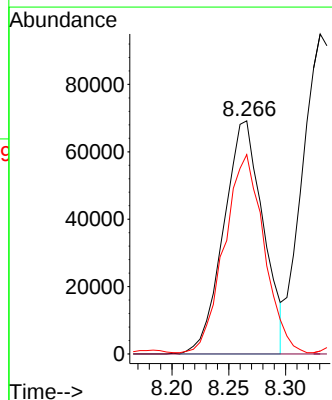
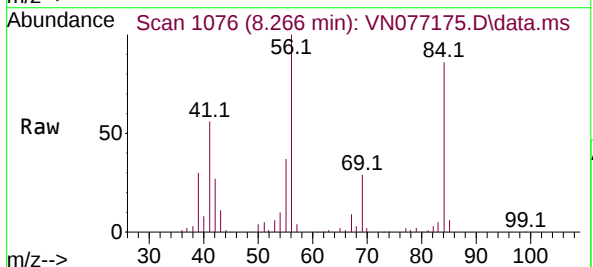
Manual Integrations
APPROVED

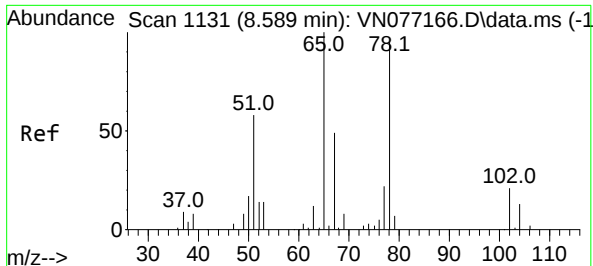
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#26
Cyclohexane
Concen: 20.954 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion: 56 Resp: 167078
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.4 65.3 97.9





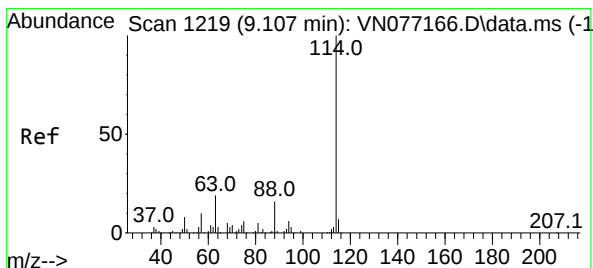
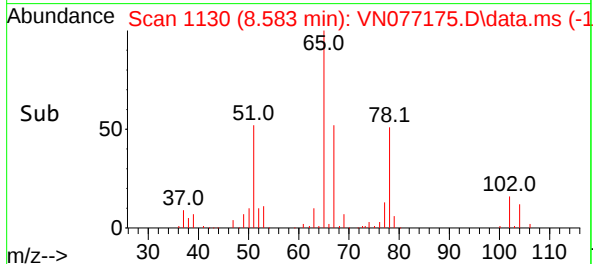
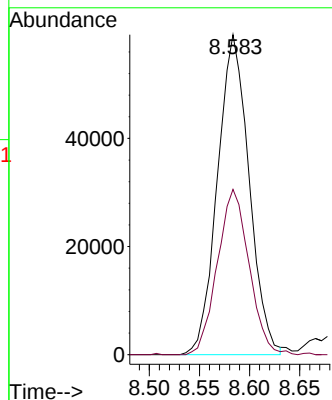
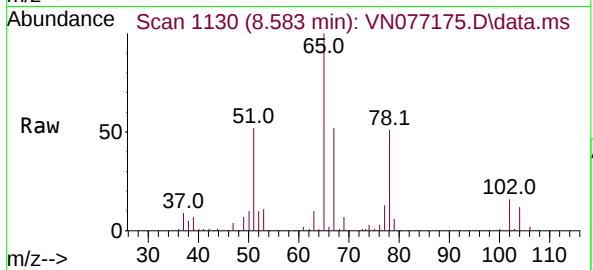
#27
1,2-Dichloroethane-d4
Concen: 31.545 ug/l
RT: 8.583 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 65 Resp: 12975
Ion Ratio Lower Upper
65 100
67 51.5 40.9 61.3

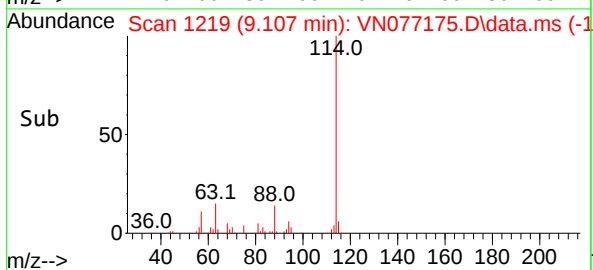
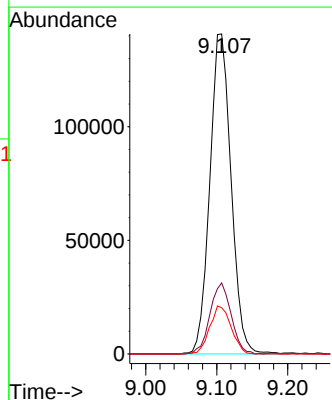
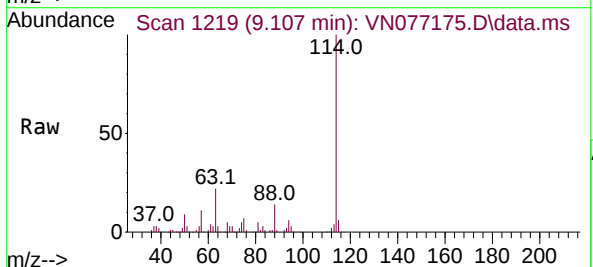
Manual Integrations
APPROVED

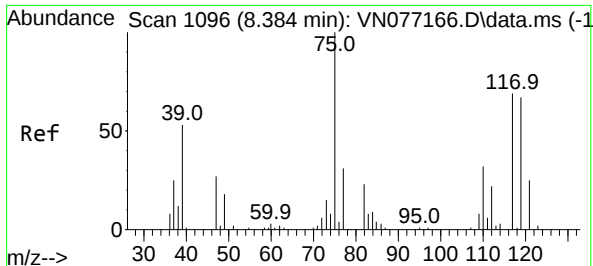
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion:114 Resp: 293395
Ion Ratio Lower Upper
114 100
63 22.0 17.0 25.4
88 15.0 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.030 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :

MSVOA_N

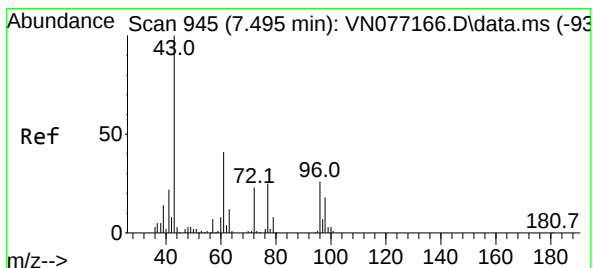
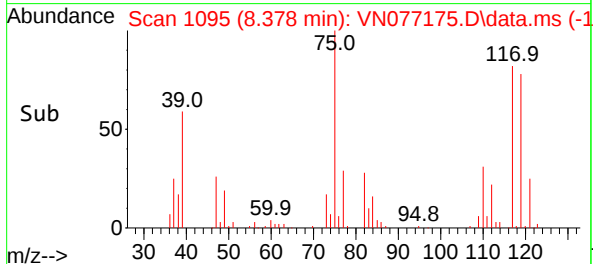
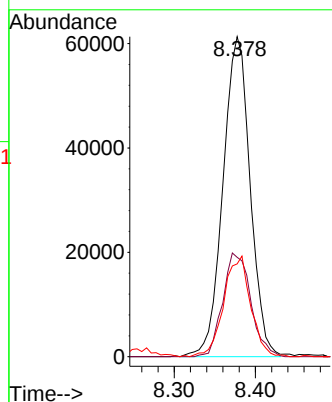
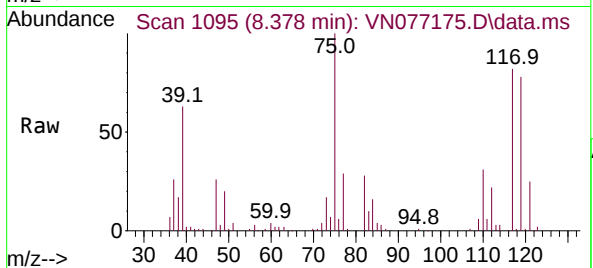
ClientSampleId :

VN0324WBSD01

Tgt Ion: 75 Resp: 14256
Ion Ratio Lower Upper
75 100
110 33.2 0.0 67.2
77 31.0 0.0 64.4

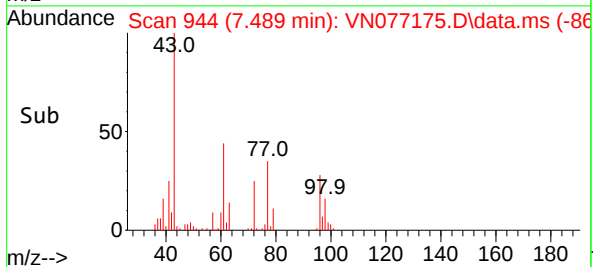
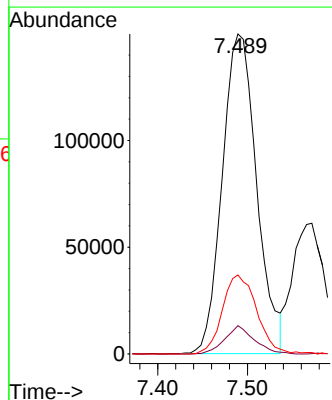
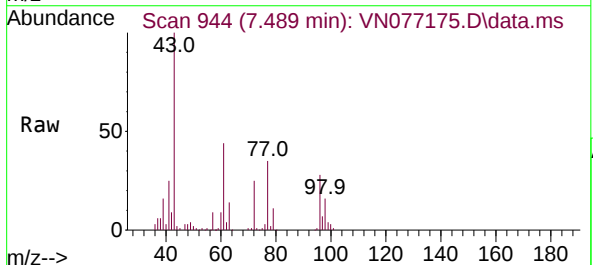
Manual Integrations
APPROVED

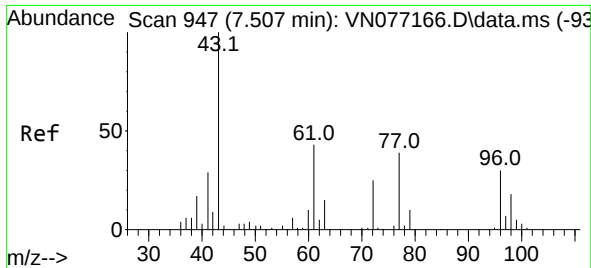
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#30
2-Butanone
Concen: 97.158 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion: 43 Resp: 398928
Ion Ratio Lower Upper
43 100
57 7.5 6.1 9.1
72 24.4 20.2 30.4





#31

2,2-Dichloropropane

Concen: 23.546 ug/l

RT: 7.501 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion: 77 Resp: 156990

Ion Ratio Lower Upper

77 100

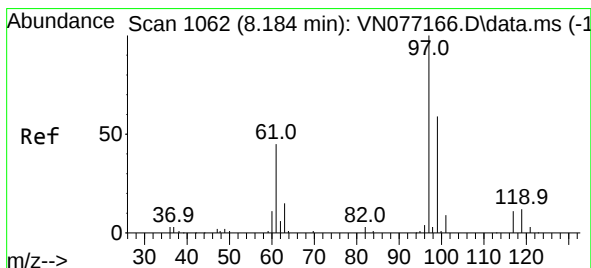
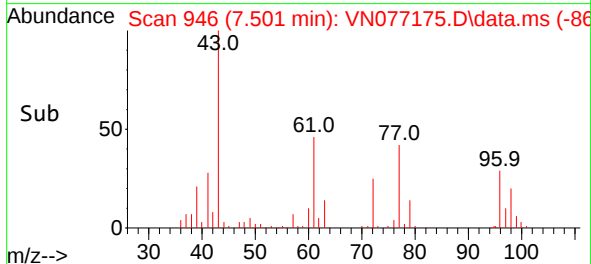
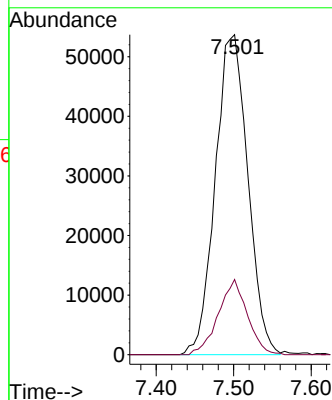
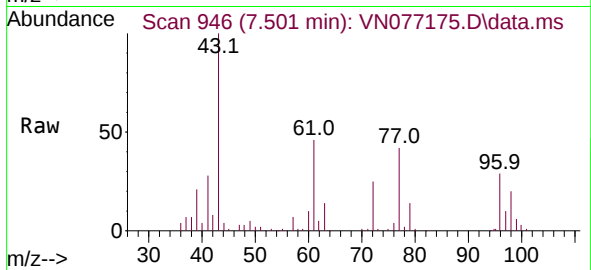
97 21.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#32

1,1,1-Trichloroethane

Concen: 19.711 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

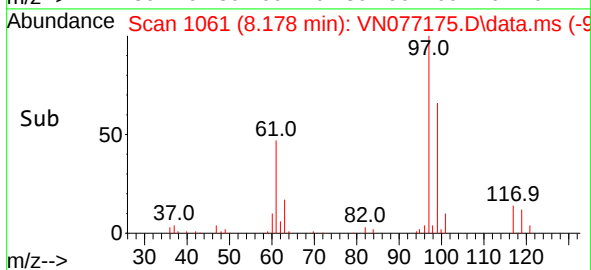
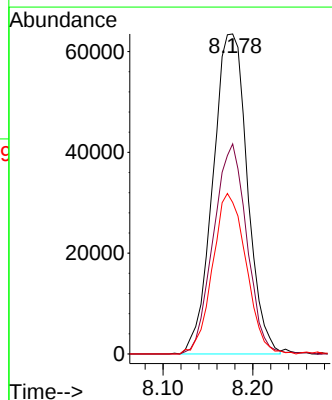
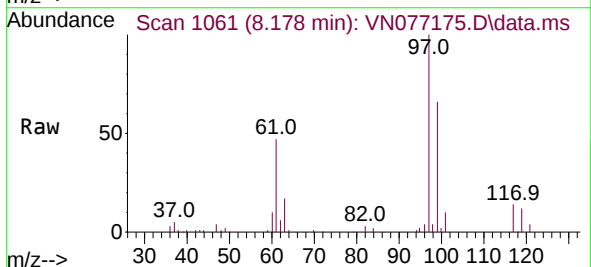
Tgt Ion: 97 Resp: 169146

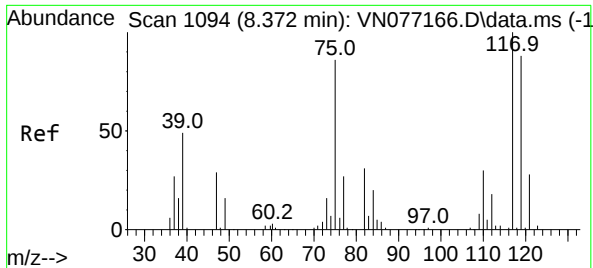
Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.8

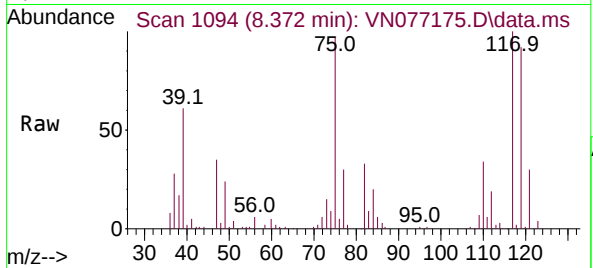
61 48.8 39.3 58.9





#33
Carbon Tetrachloride
Concen: 20.567 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

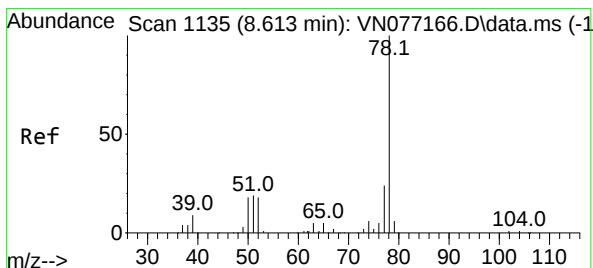
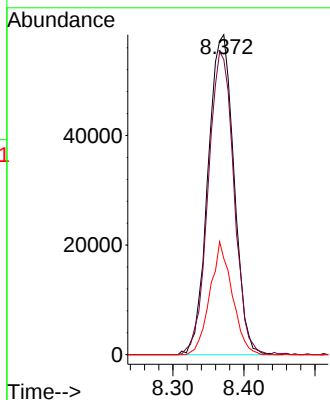
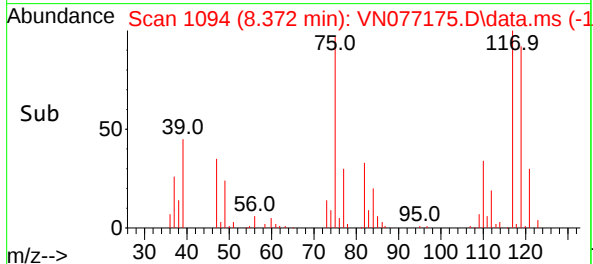
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



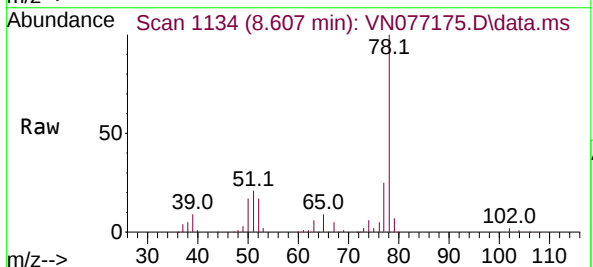
Tgt Ion:117 Resp: 148272
Ion Ratio Lower Upper
117 100
119 92.3 79.8 119.8
121 30.1 23.4 35.0

Manual Integrations
APPROVED

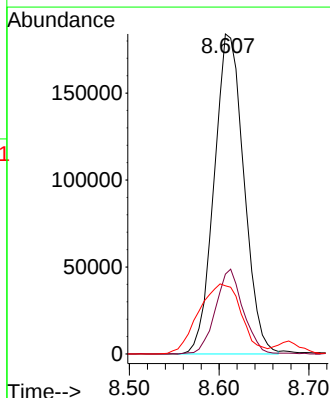
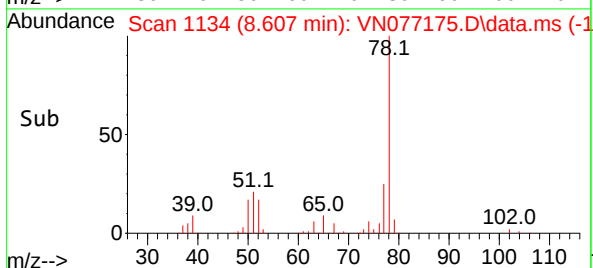
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

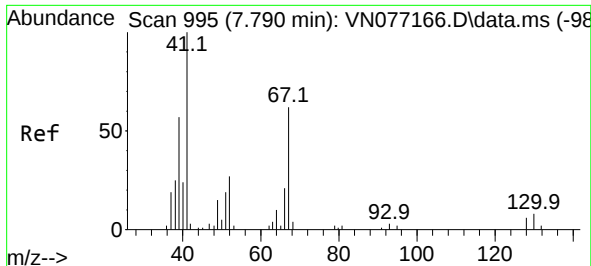


#34
Benzene
Concen: 19.401 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



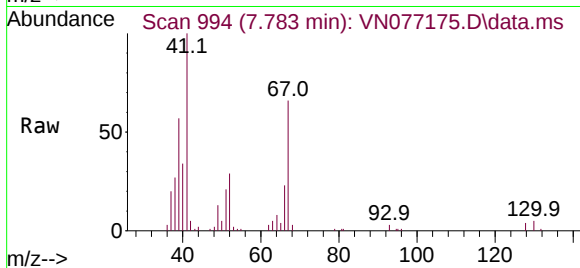
Tgt Ion: 78 Resp: 423261
Ion Ratio Lower Upper
78 100
77 24.9 17.4 26.2
51 19.8 13.8 20.6





#35
Methacrylonitrile
Concen: 19.360 ug/l
RT: 7.783 min Scan# 995
Delta R.T. -0.007 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

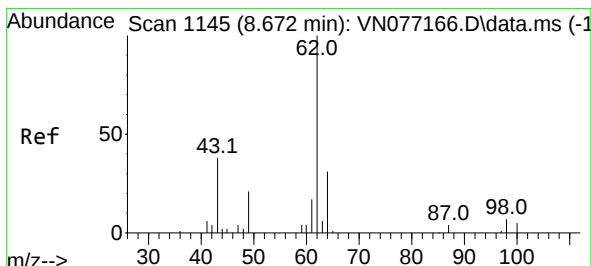
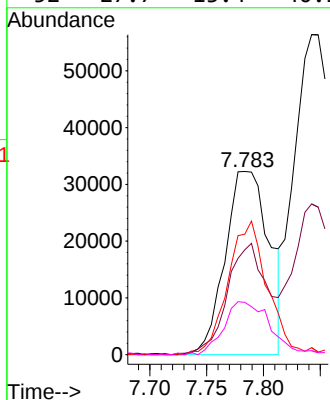
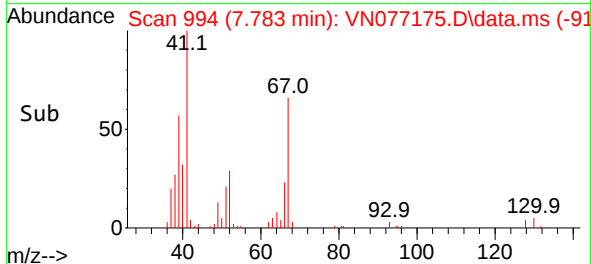
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion:	41	Resp:	8726
Ion Ratio	100	Lower	Upper
39	56.5	26.6	79.7
67	65.8	32.3	96.9
52	27.7	13.4	40.1

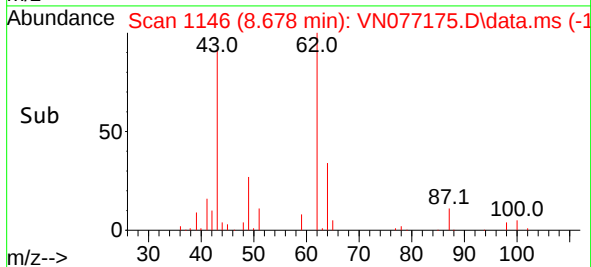
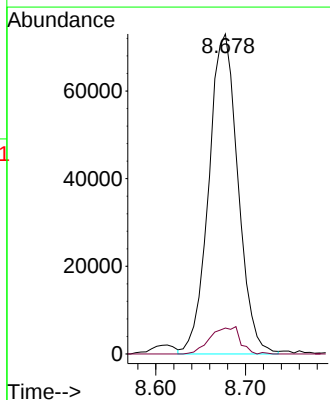
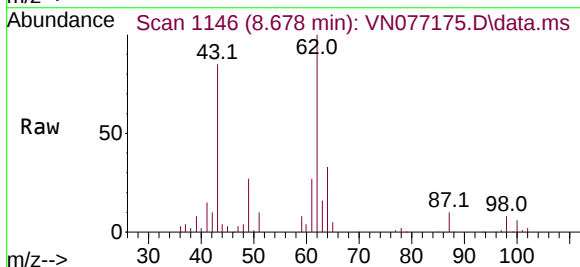
Manual Integrations
APPROVED

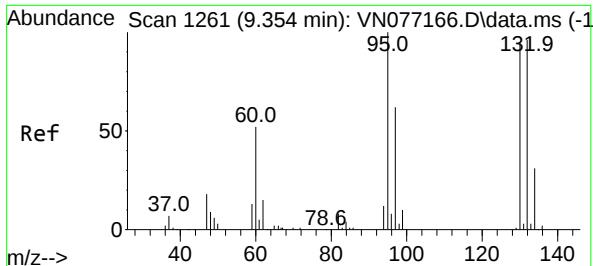
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#36
1,2-Dichloroethane
Concen: 20.550 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion:	62	Resp:	165286
Ion Ratio	100	Lower	Upper
98	8.5	7.4	11.0





#37

Trichloroethene

Concen: 20.112 ug/l

RT: 9.360 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion:130 Resp: 99199

Ion Ratio Lower Upper

130 100

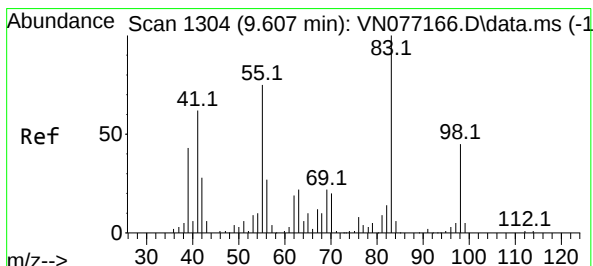
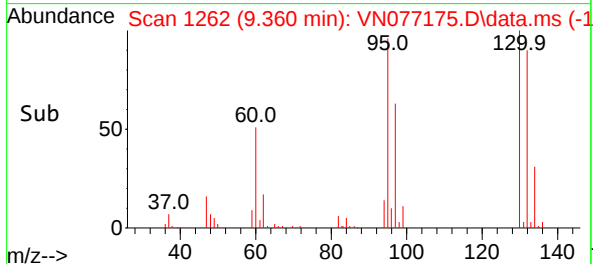
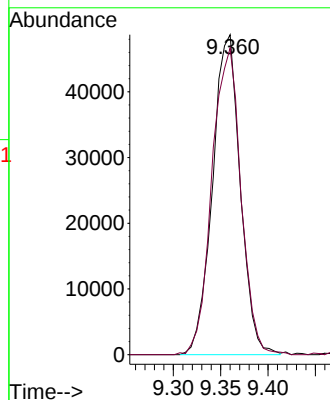
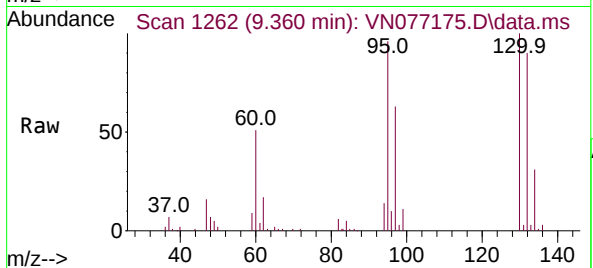
95 95.2 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#38

Methylcyclohexane

Concen: 19.813 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

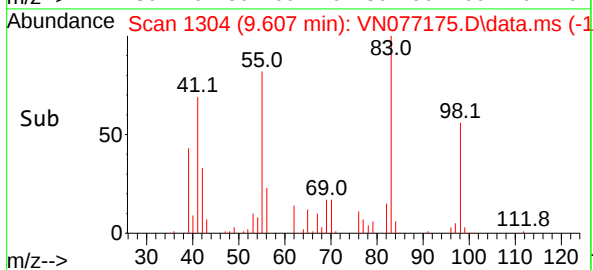
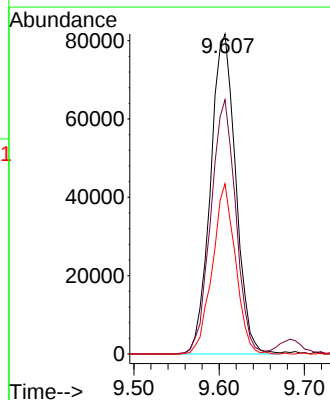
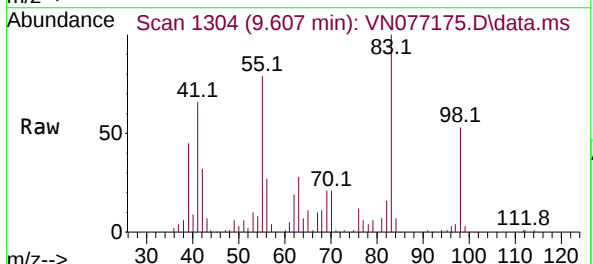
Tgt Ion: 83 Resp: 167869

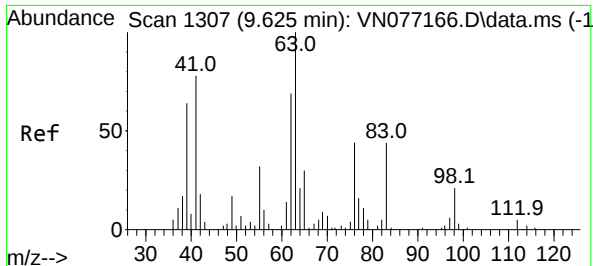
Ion Ratio Lower Upper

83 100

55 78.7 37.6 112.9

98 48.6 24.1 72.4





#39

1,2-Dichloropropane

Concen: 19.679 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion: 63 Resp: 114940

Ion Ratio Lower Upper

63 100

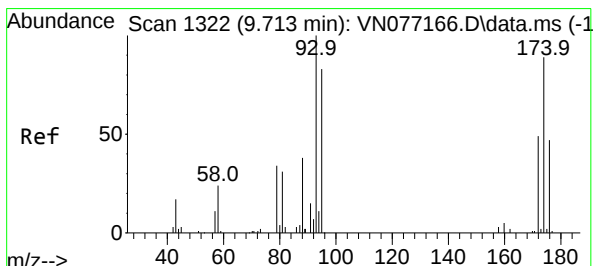
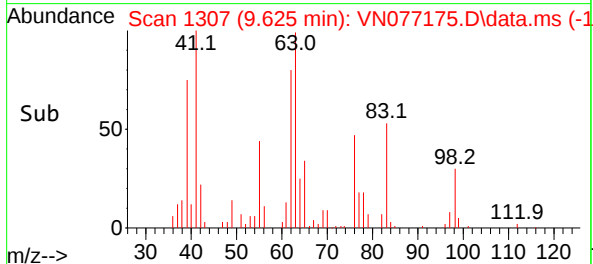
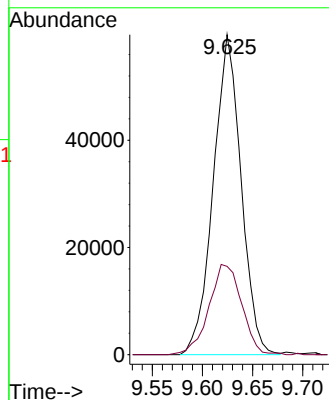
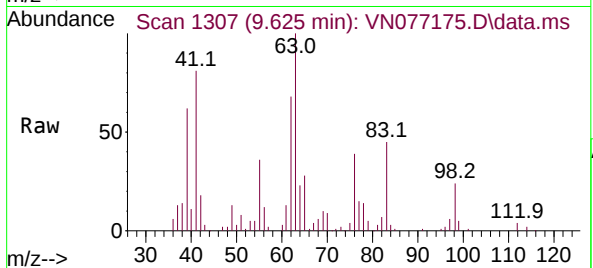
65 27.2 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#40

Dibromomethane

Concen: 19.804 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

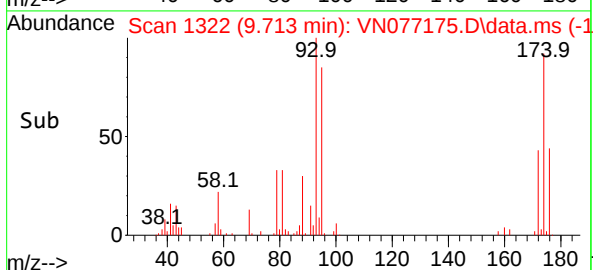
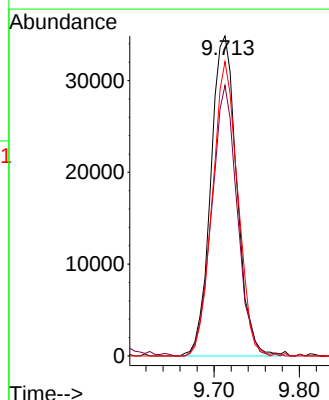
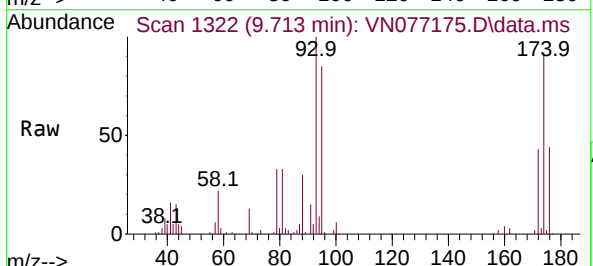
Tgt Ion: 93 Resp: 73966

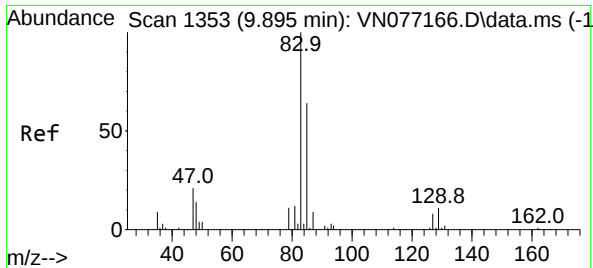
Ion Ratio Lower Upper

93 100

95 82.4 0.0 158.0

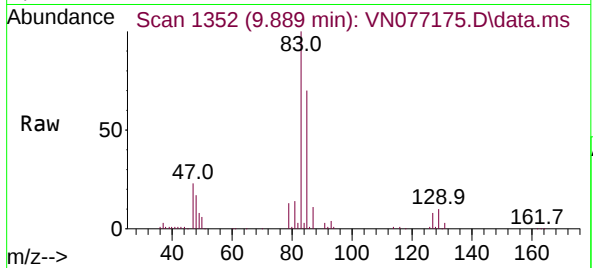
174 89.4 0.0 171.2





#41
Bromodichloromethane
Concen: 19.695 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

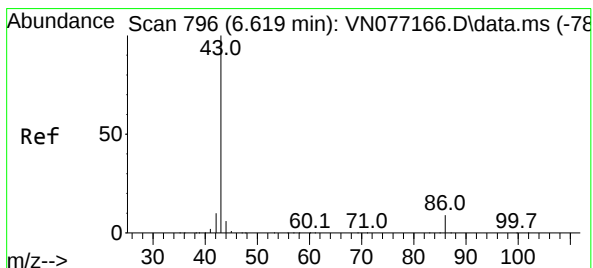
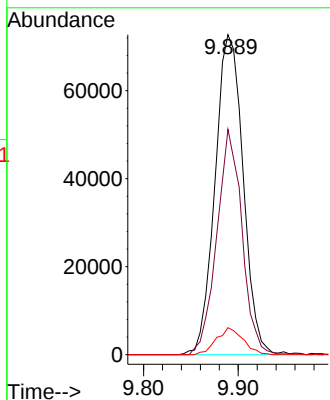
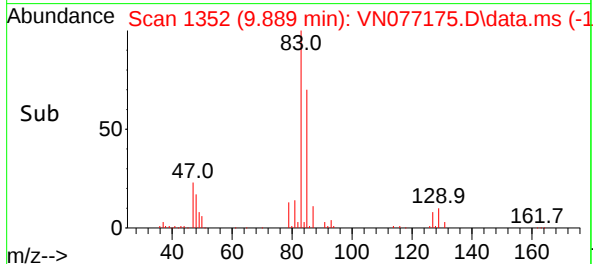
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



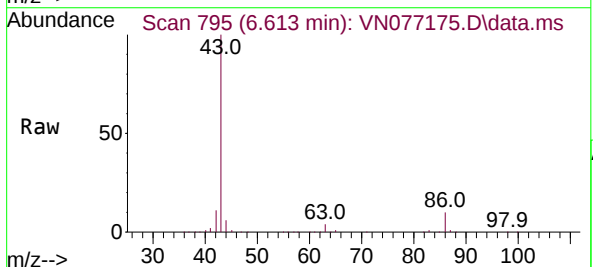
Tgt Ion: 83 Resp: 149790
Ion Ratio Lower Upper
83 100
85 70.4 51.0 76.4
127 8.4 6.2 9.2

Manual Integrations
APPROVED

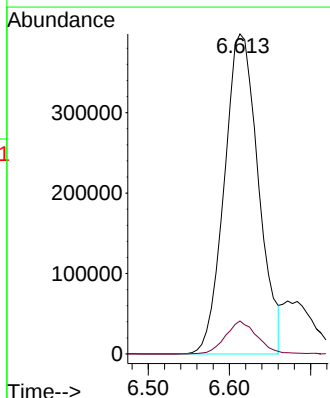
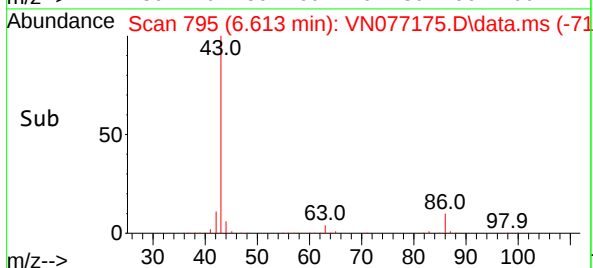
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

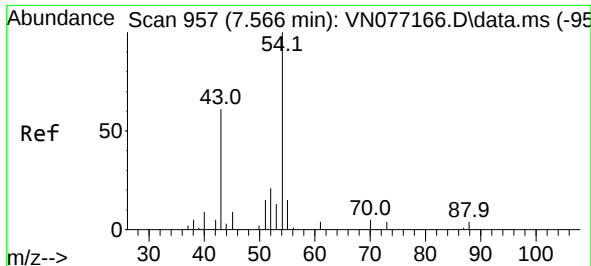


#42
Vinyl Acetate
Concen: 94.309 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



Tgt Ion: 43 Resp: 1160680
Ion Ratio Lower Upper
43 100
86 9.4 7.8 11.6





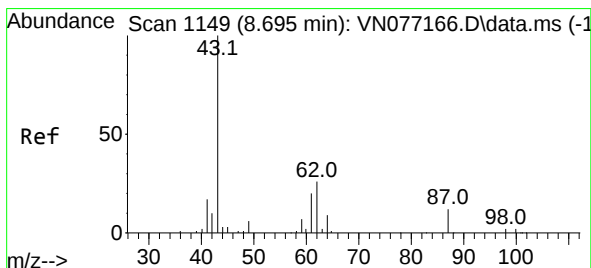
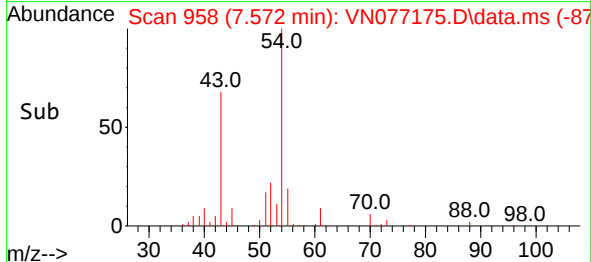
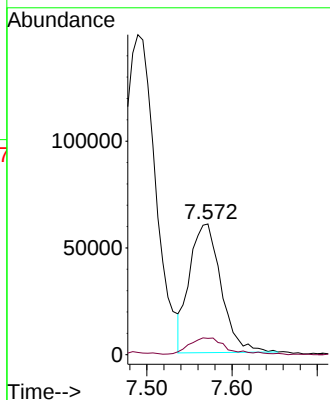
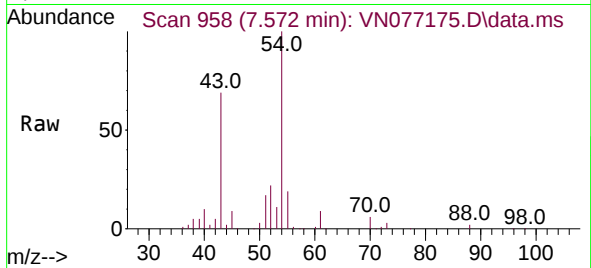
#43
Ethyl Acetate
Concen: 18.892 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 43 Resp: 154960
Ion Ratio Lower Upper
43 100
45 14.0 11.2 16.8

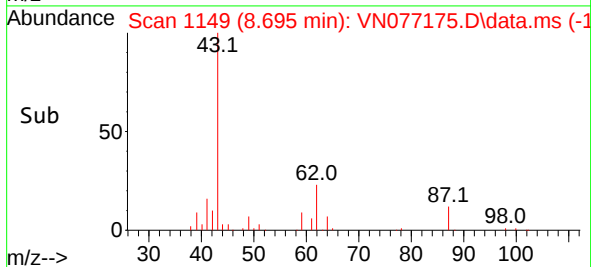
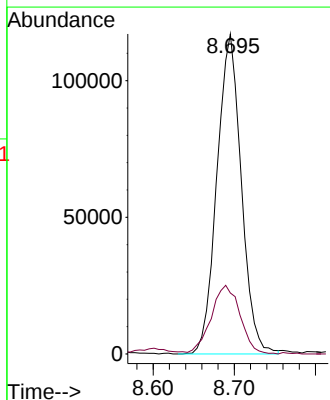
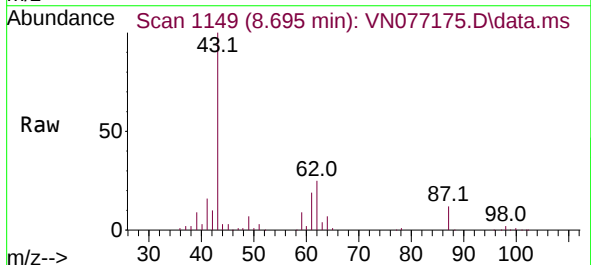
Manual Integrations
APPROVED

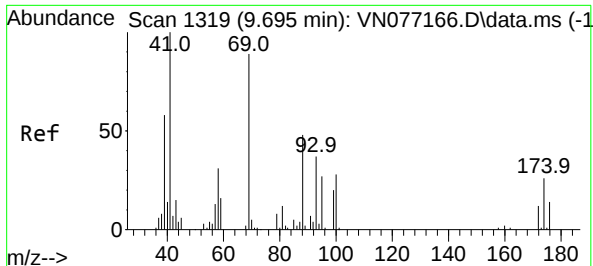
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#44
Isopropyl Acetate
Concen: 18.443 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion: 43 Resp: 244134
Ion Ratio Lower Upper
43 100
61 25.5 19.5 29.3





#45

1,4-Dioxane

Concen: 396.010 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

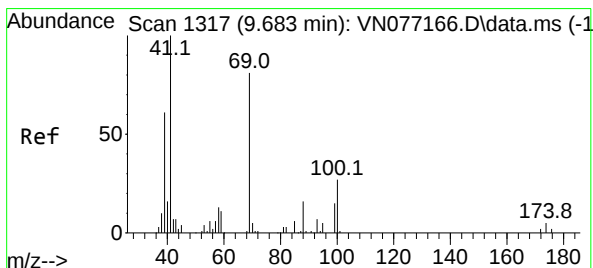
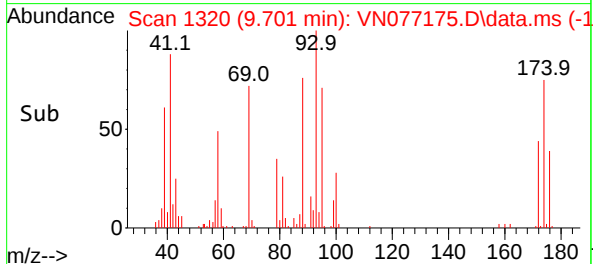
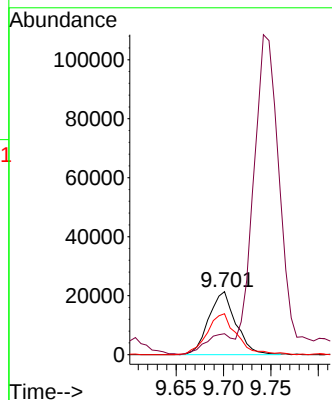
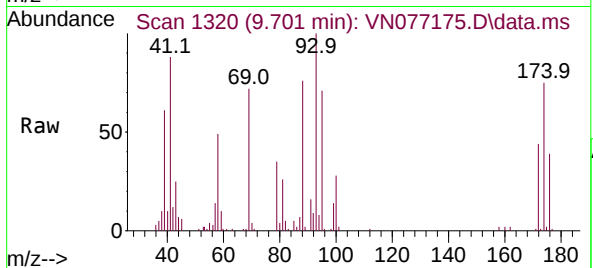
Tgt Ion: 88 Resp: 42625
 Ion Ratio Lower Upper
 88 100
 43 34.9 26.0 39.0
 58 70.2 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#46

Methyl methacrylate

Concen: 19.385 ug/l

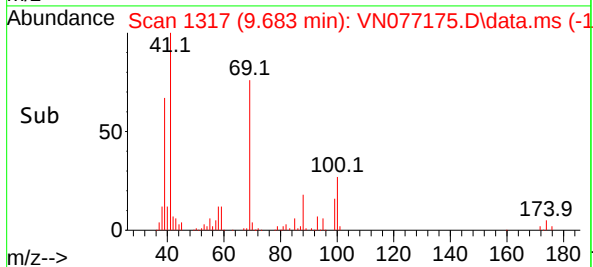
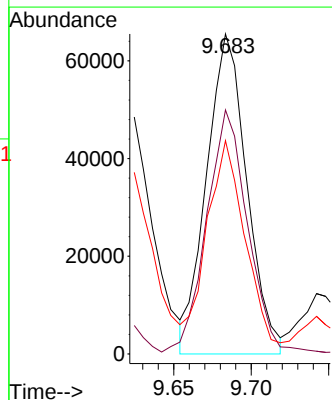
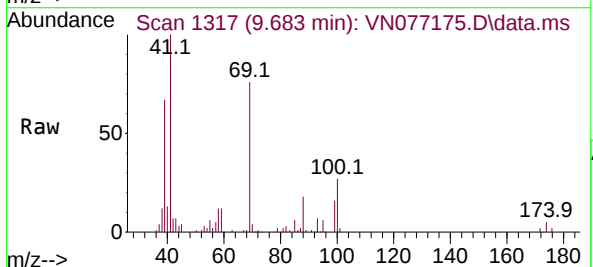
RT: 9.683 min Scan# 1317

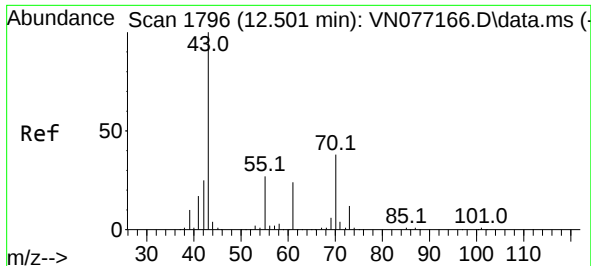
Delta R.T. 0.000 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

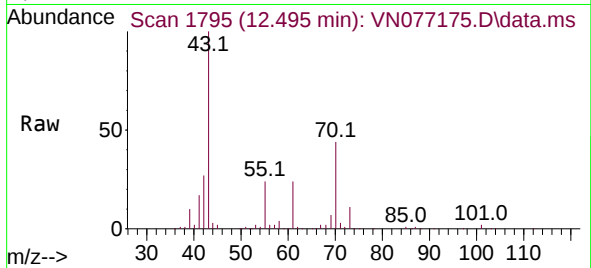
Tgt Ion: 41 Resp: 118315
 Ion Ratio Lower Upper
 41 100
 69 78.0 40.6 121.7
 39 66.5 30.5 91.5





#47
n-amy1 Acetate
Concen: 18.357 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

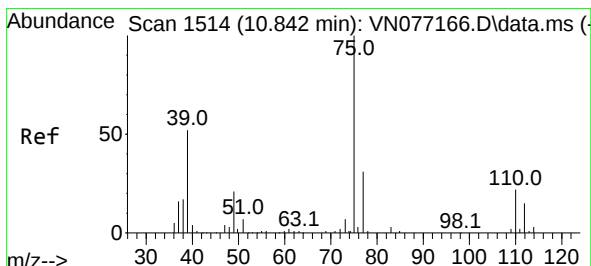
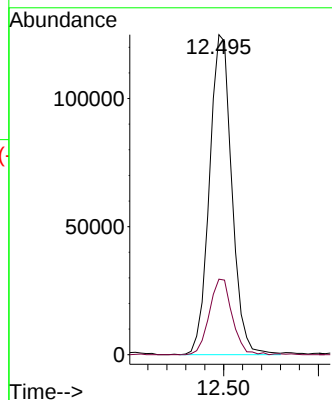
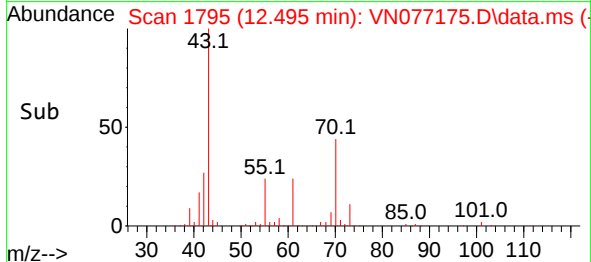
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 43 Resp: 204434
Ion Ratio Lower Upper
43 100
55 24.1 18.3 27.5

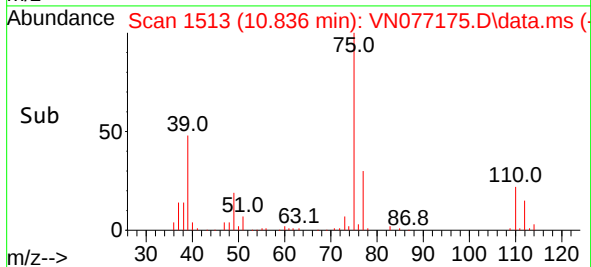
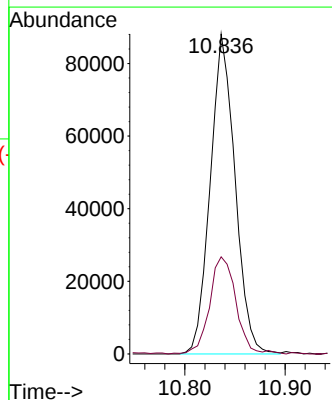
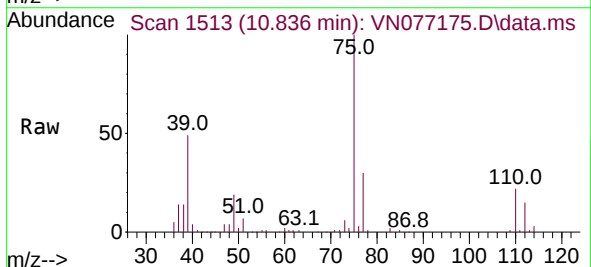
Manual Integrations
APPROVED

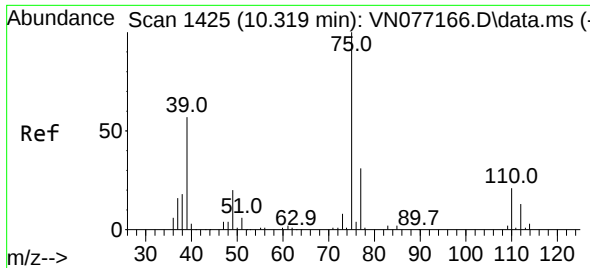
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#48
t-1,3-Dichloropropene
Concen: 19.577 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion: 75 Resp: 151233
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 19.753 ug/l

RT: 10.313 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tgt Ion: 75 Resp: 167059

Ion Ratio Lower Upper

75 100

77 33.1 27.5 41.3

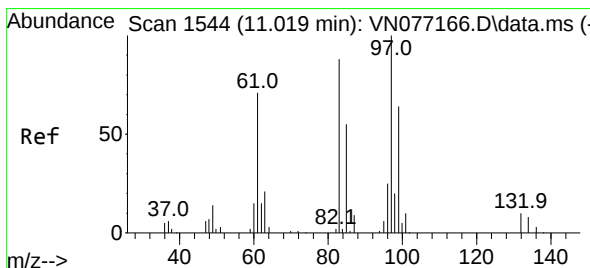
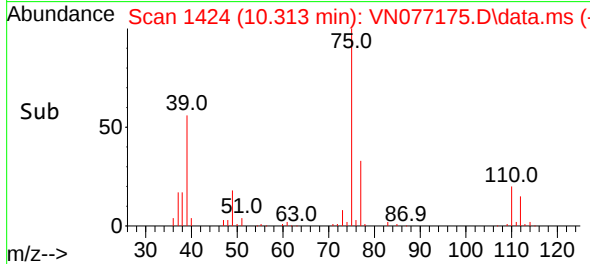
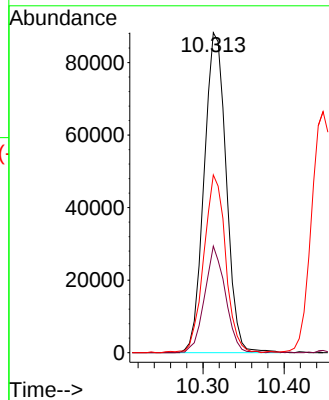
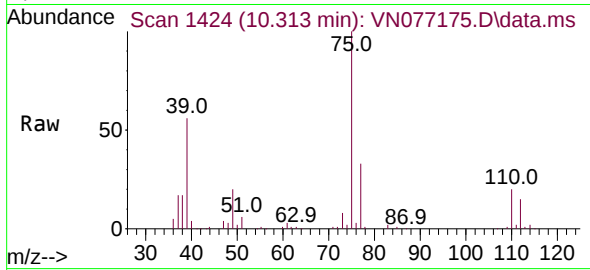
39 55.3 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#50

1,1,2-Trichloroethane

Concen: 19.934 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

Tgt Ion: 97 Resp: 104513

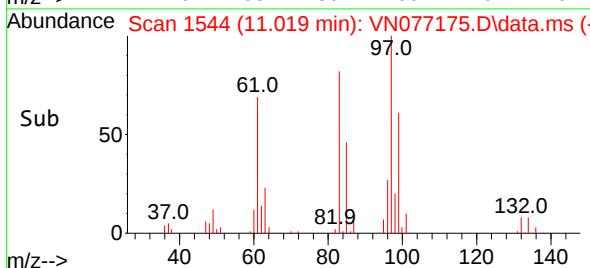
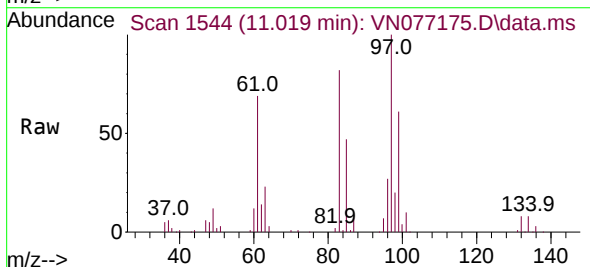
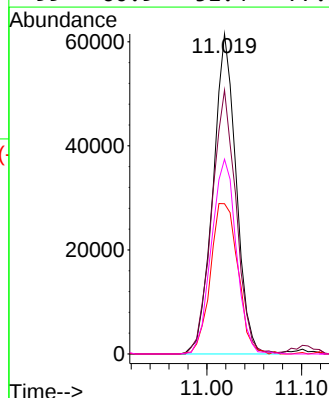
Ion Ratio Lower Upper

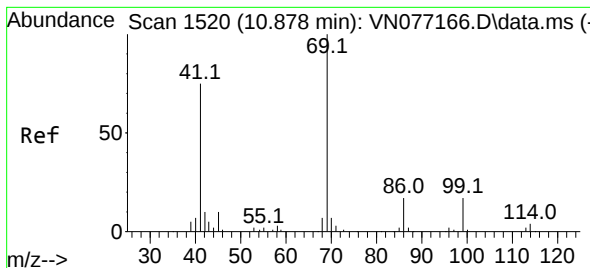
97 100

83 82.5 71.0 106.4

85 46.9 45.5 68.3

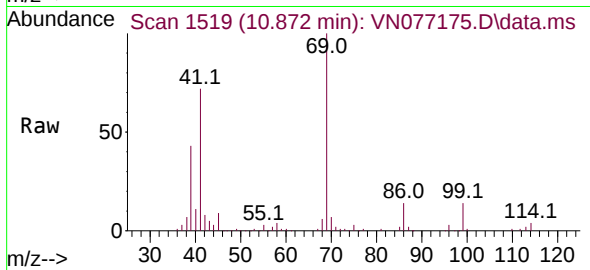
99 60.9 51.4 77.2





#51
Ethyl methacrylate
Concen: 18.643 ug/l
RT: 10.872 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

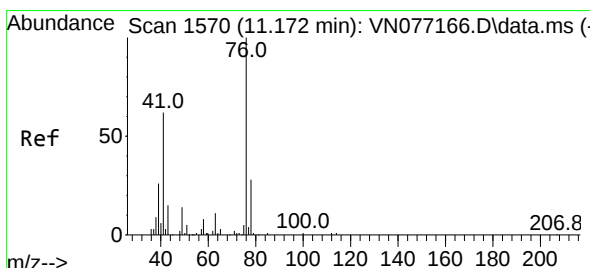
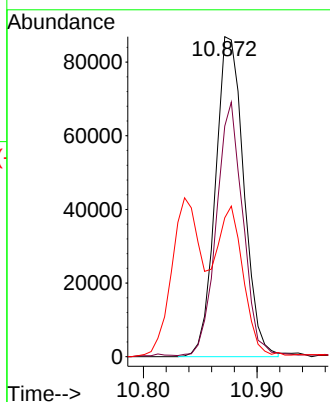
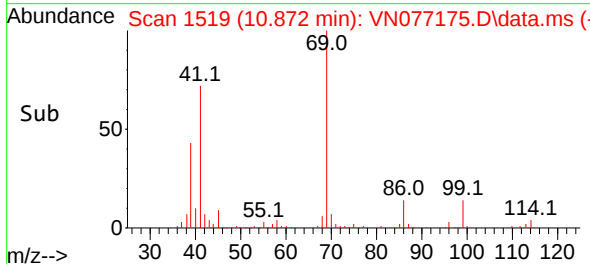
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



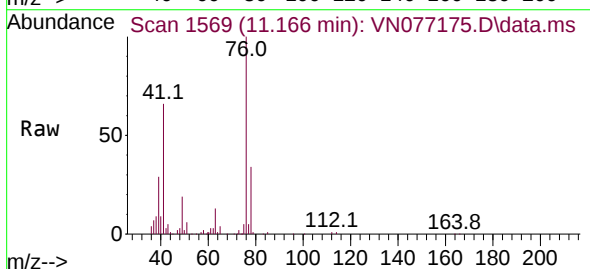
Tgt Ion: 69 Resp: 150914
Ion Ratio Lower Upper
69 100
41 71.7 36.3 108.7
39 42.1 19.9 59.7

Manual Integrations
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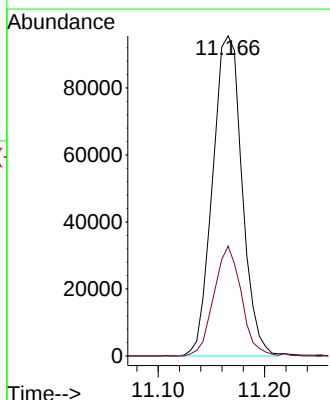
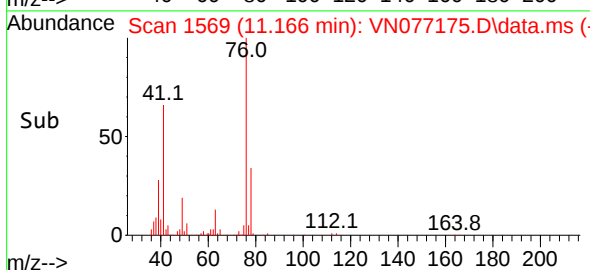
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

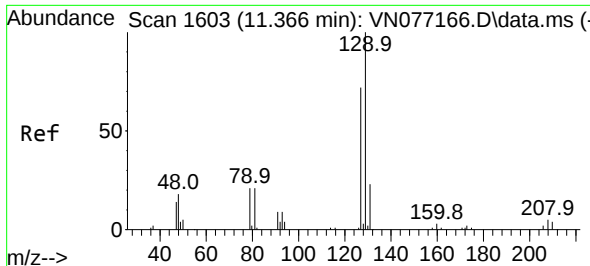


#52
1,3-Dichloropropane
Concen: 19.706 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



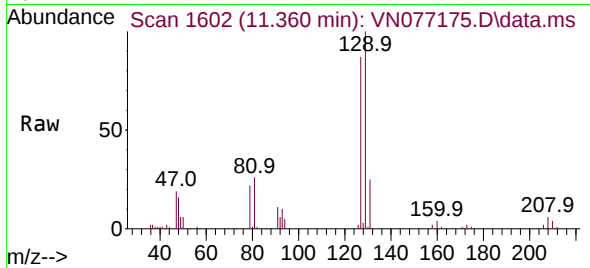
Tgt Ion: 76 Resp: 183396
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4





#53
Dibromochloromethane
Concen: 19.143 ug/l
RT: 11.360 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

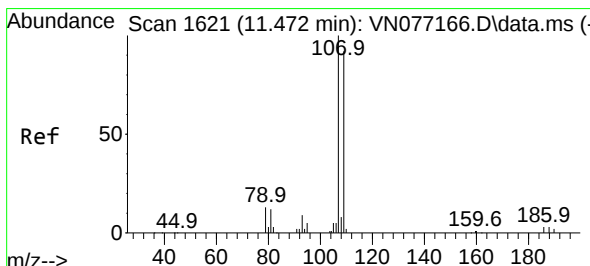
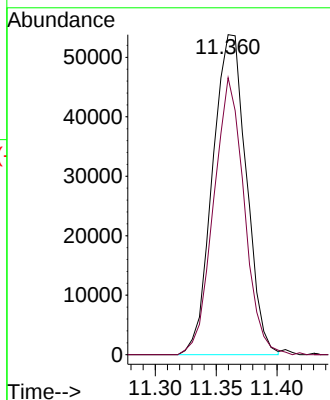
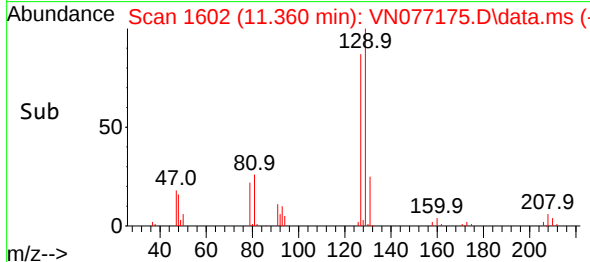
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



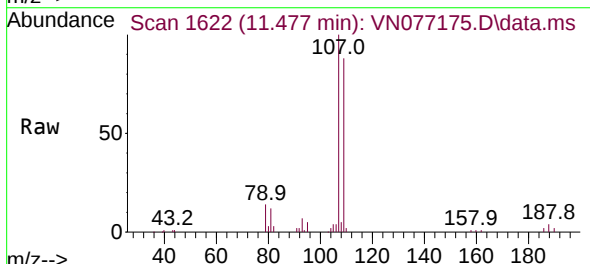
Tgt Ion:129 Resp: 103914
Ion Ratio Lower Upper
129 100
127 78.3 39.4 118.1

Manual Integrations
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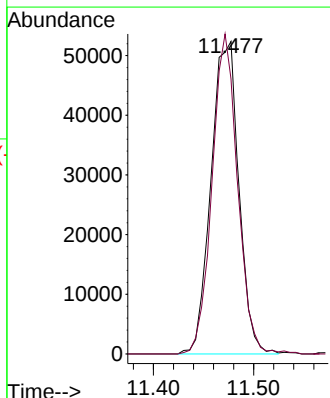
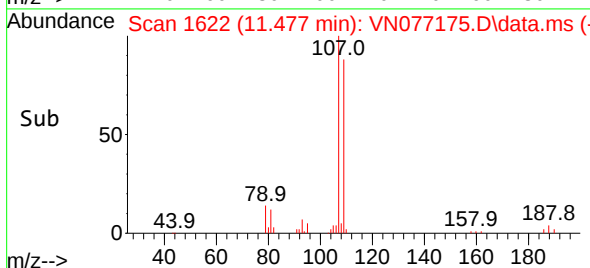
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

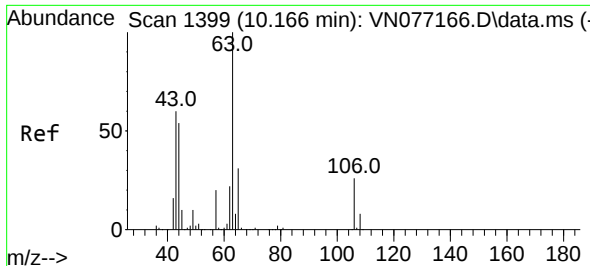


#54
1,2-Dibromoethane
Concen: 19.591 ug/l
RT: 11.477 min Scan# 1622
Delta R.T. 0.005 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



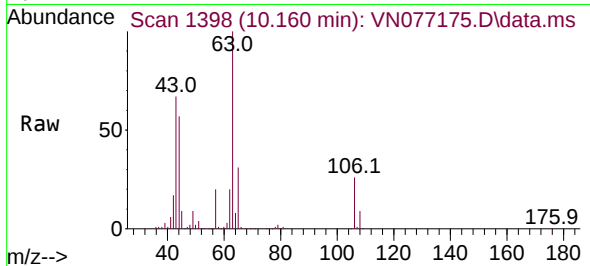
Tgt Ion:107 Resp: 101075
Ion Ratio Lower Upper
107 100
109 93.9 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 88.120 ug/l
RT: 10.160 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

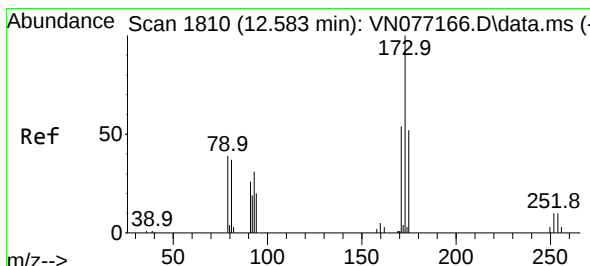
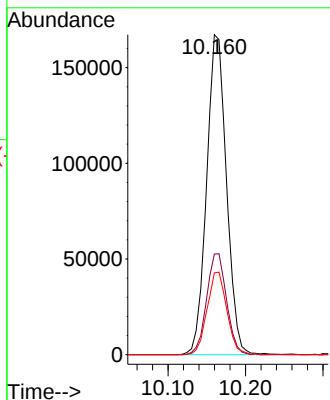
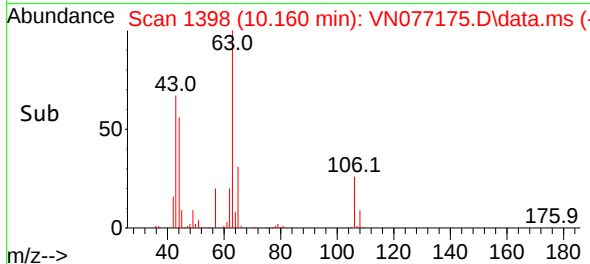
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 63 Resp: 29824
Ion Ratio Lower Upper
63 100
65 31.6 26.3 39.5
106 25.5 21.6 32.4

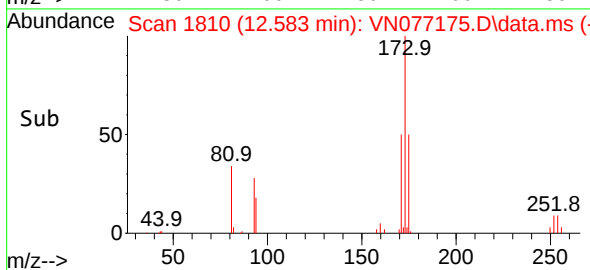
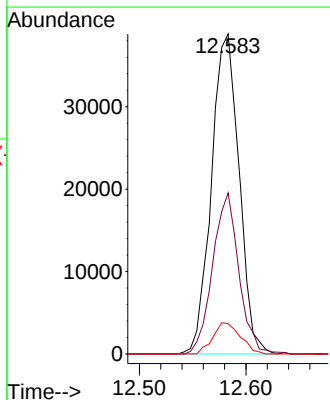
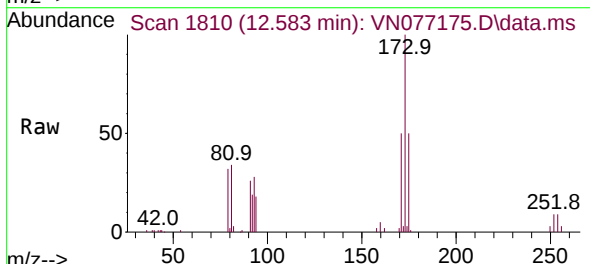
Manual Integrations
APPROVED

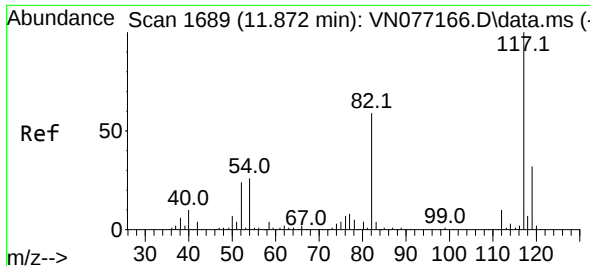
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#56
Bromoform
Concen: 18.386 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion:173 Resp: 70034
Ion Ratio Lower Upper
173 100
175 47.7 37.8 56.6
254 9.7 7.3 10.9





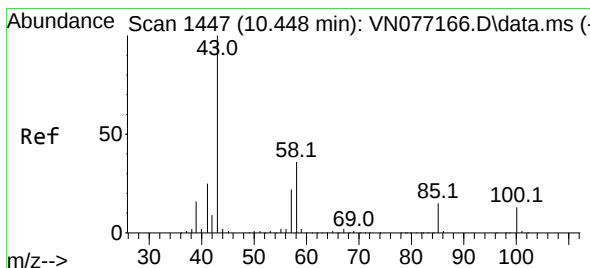
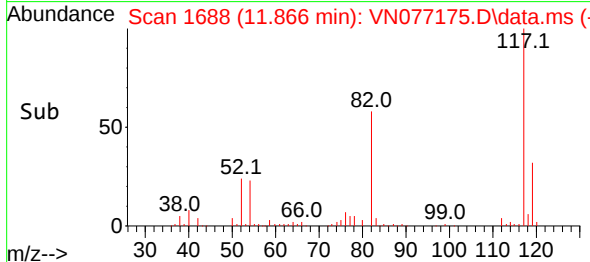
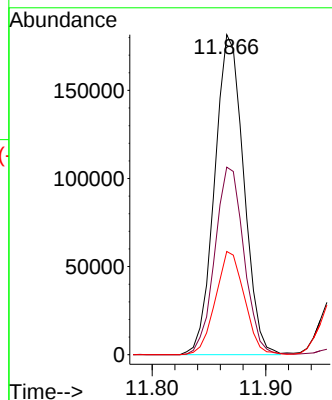
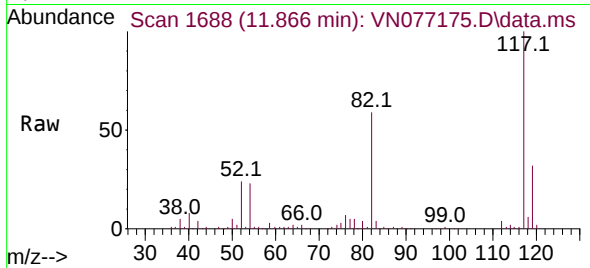
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:117 Resp: 32334
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.0
119 32.1 26.8 40.2

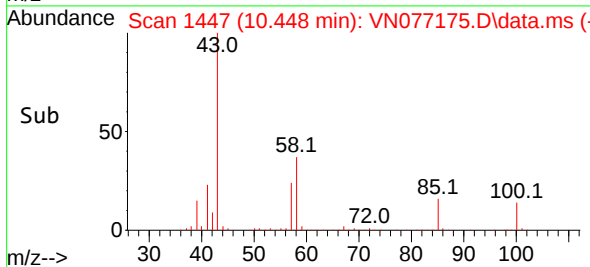
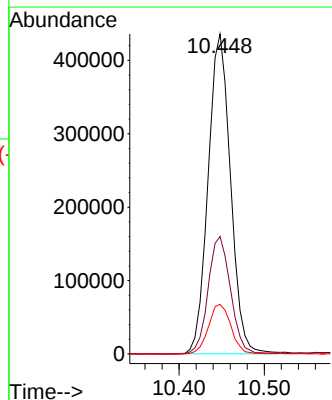
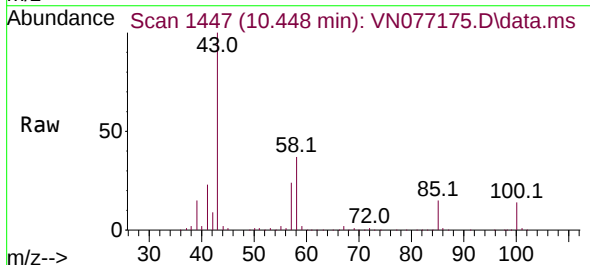
Manual Integrations
APPROVED

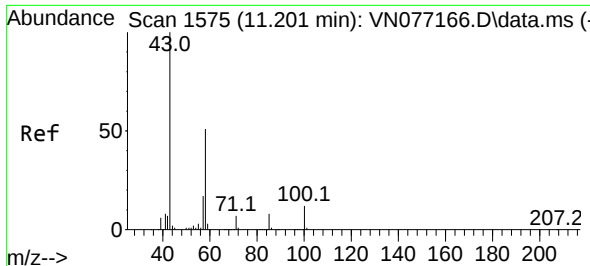
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#58
4-Methyl-2-Pentanone
Concen: 95.622 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

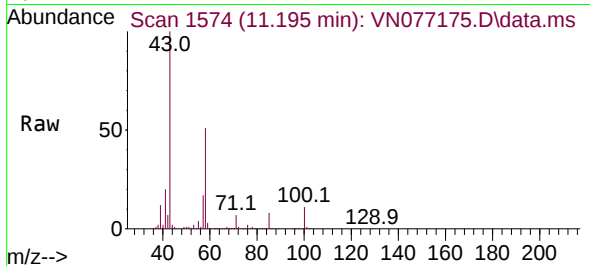
Tgt Ion: 43 Resp: 797998
Ion Ratio Lower Upper
43 100
58 36.6 28.6 42.8
85 15.6 11.8 17.8





#59
2-Hexanone
Concen: 95.732 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

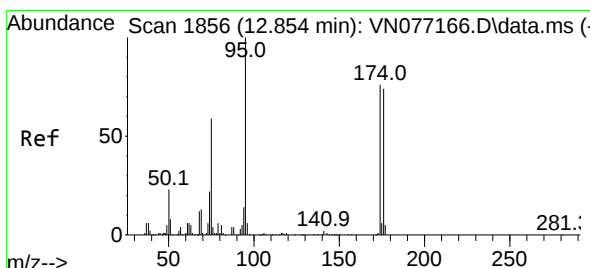
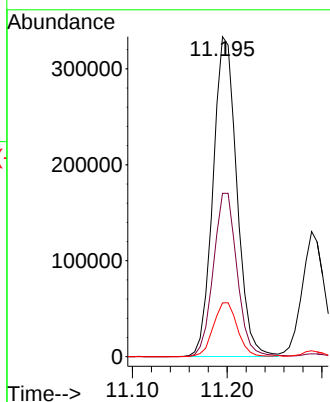
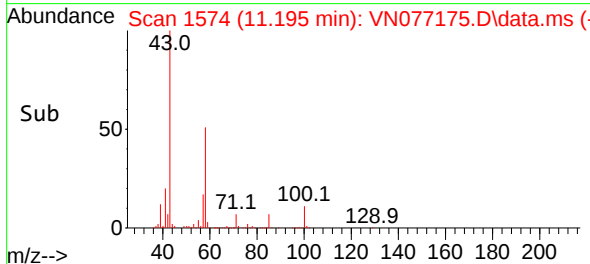
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 43 Resp: 58251
Ion Ratio Lower Upper
43 100
58 51.1 40.6 60.8
57 17.1 13.1 19.7

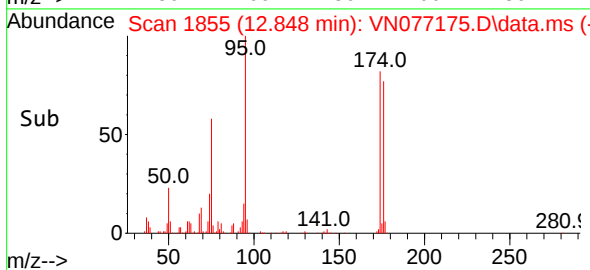
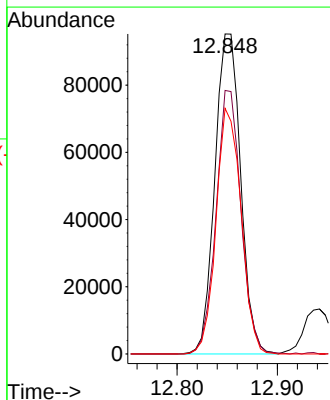
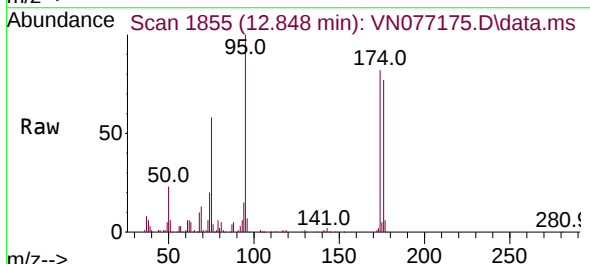
Manual Integrations
APPROVED

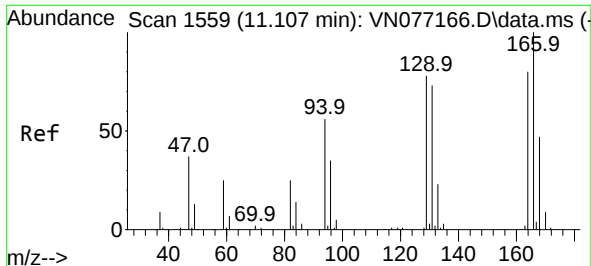
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#60
4-Bromofluorobenzene
Concen: 29.238 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

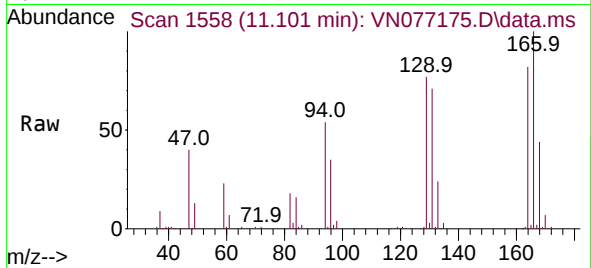
Tgt Ion: 95 Resp: 169840
Ion Ratio Lower Upper
95 100
174 79.7 64.2 96.4
176 74.6 61.4 92.0





#61
Tetrachloroethene
Concen: 19.946 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

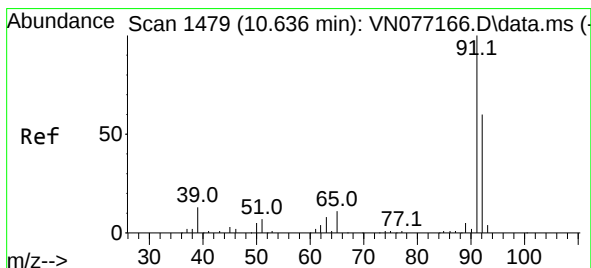
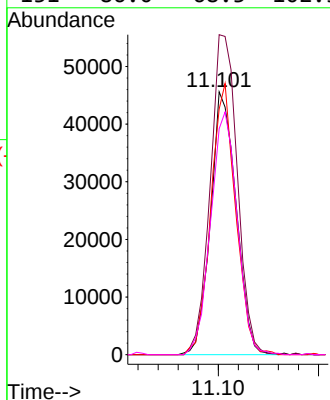
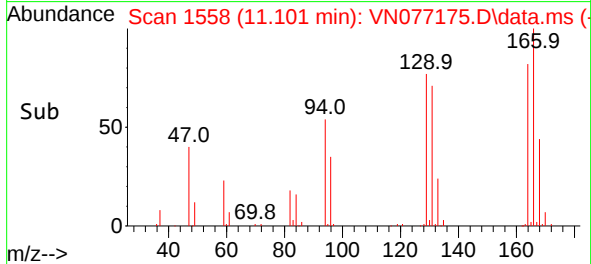
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion:164 Resp: 80945
Ion Ratio Lower Upper
164 100
166 121.8 96.2 144.2
129 93.5 78.2 117.4
131 86.0 68.3 102.5

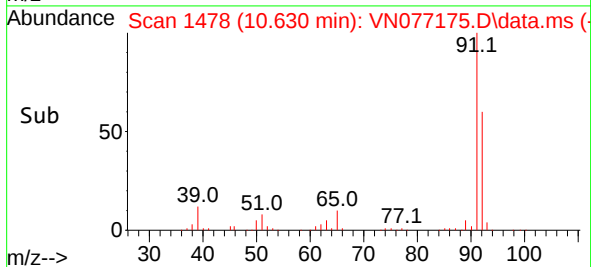
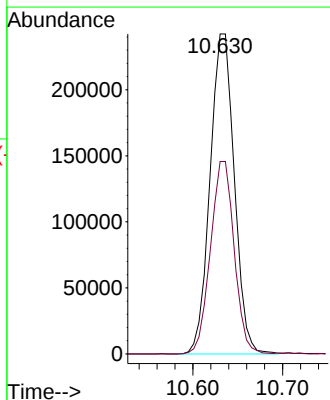
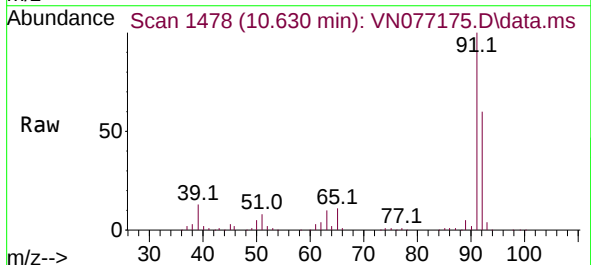
Manual Integrations
APPROVED

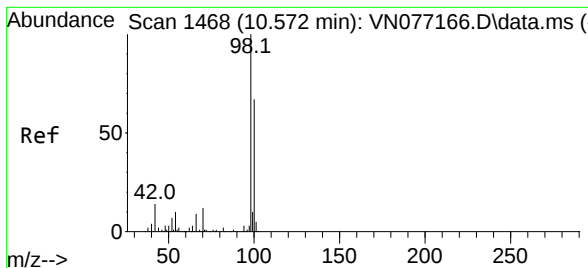
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#62
Toluene
Concen: 20.046 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

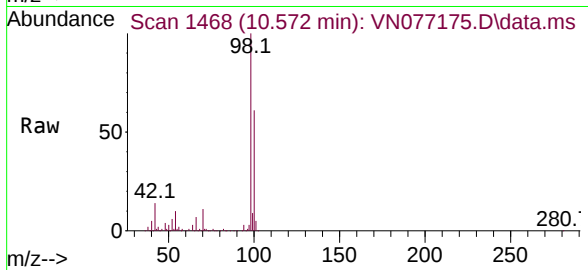
Tgt Ion: 91 Resp: 455555
Ion Ratio Lower Upper
91 100
92 58.8 46.3 69.5





#63
Toluene-d8
Concen: 29.935 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

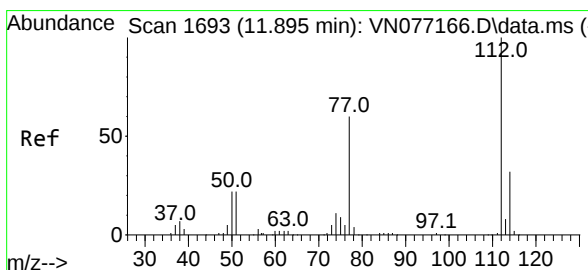
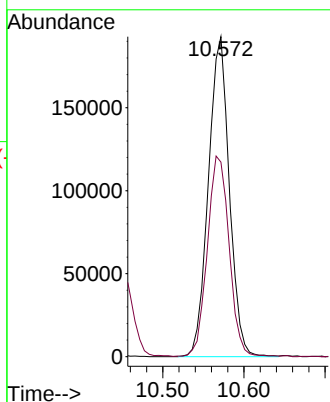
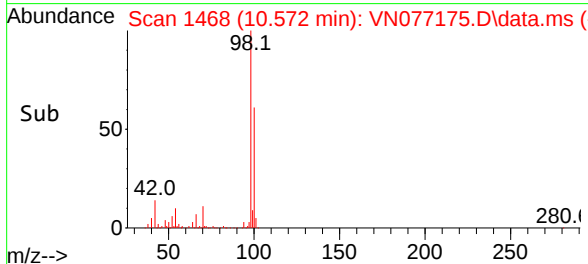
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



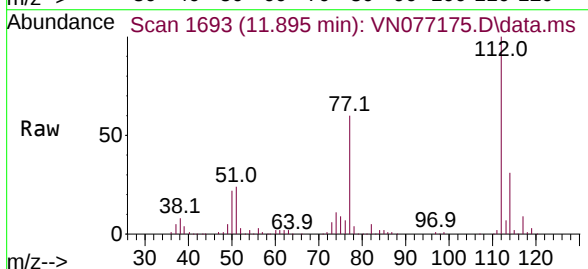
Tgt Ion: 98 Resp: 34552
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.6

Manual Integrations
APPROVED

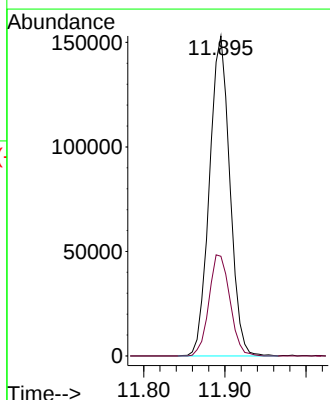
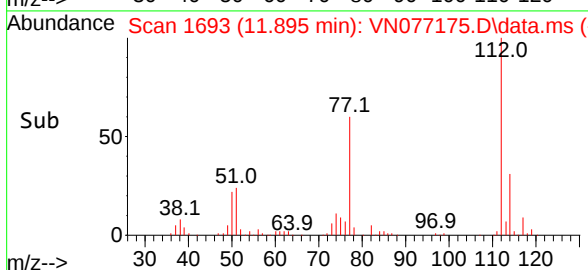
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

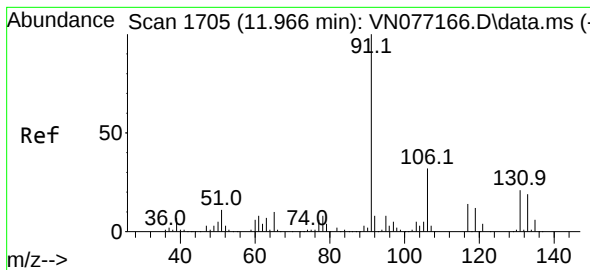


#64
Chlorobenzene
Concen: 19.873 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



Tgt Ion:112 Resp: 267194
Ion Ratio Lower Upper
112 100
114 31.1 24.5 36.7





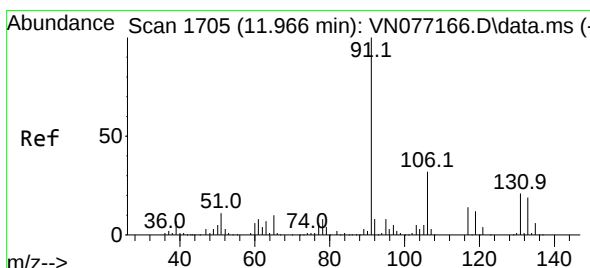
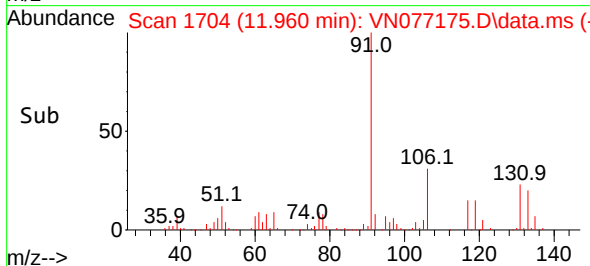
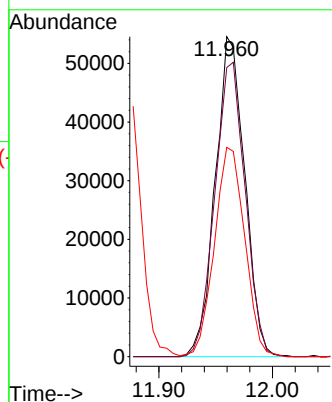
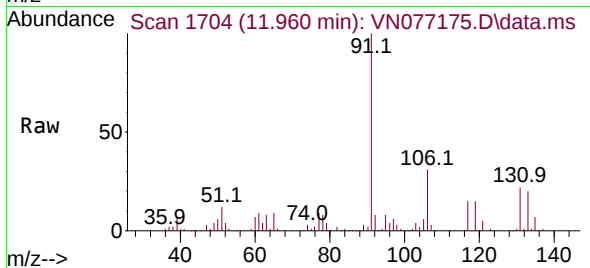
#65
1,1,1,2-Tetrachloroethane
Concen: 19.908 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:131 Resp: 98300
Ion Ratio Lower Upper
131 100
133 94.8 0.0 197.6
119 67.4 0.0 127.8

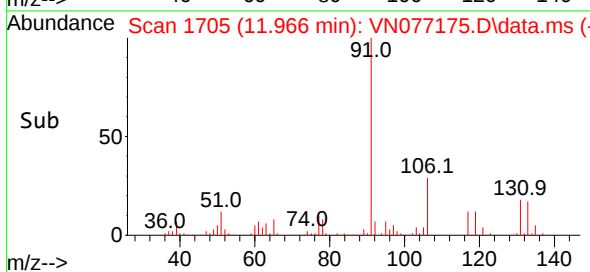
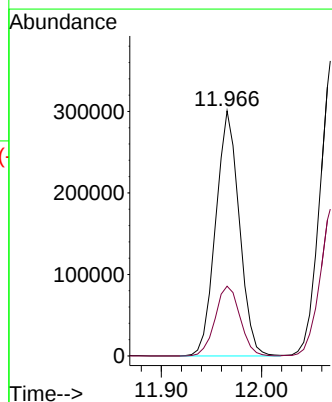
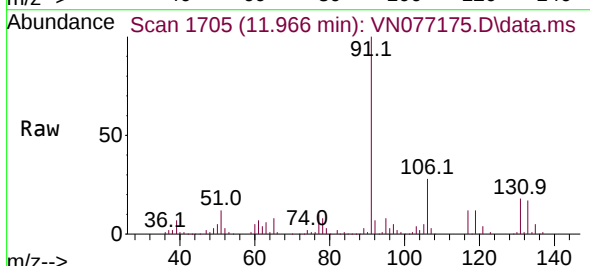
Manual Integrations
APPROVED

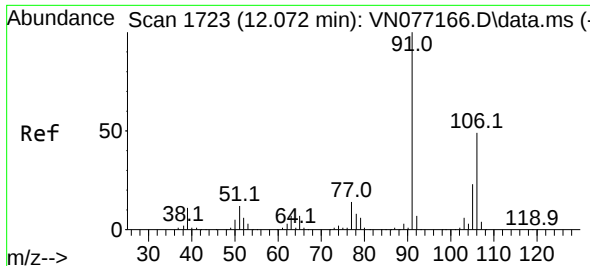
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#66
Ethyl Benzene
Concen: 20.121 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion: 91 Resp: 491320
Ion Ratio Lower Upper
91 100
106 28.4 23.8 35.8





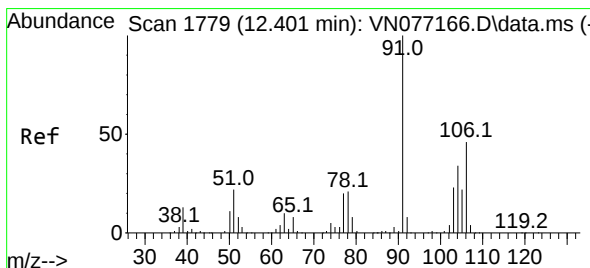
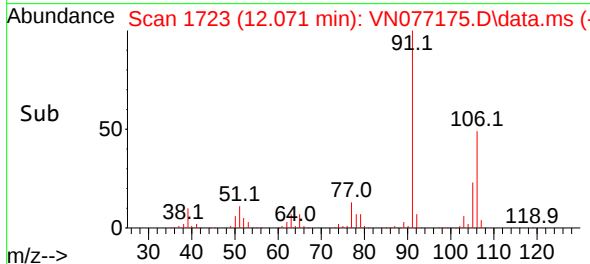
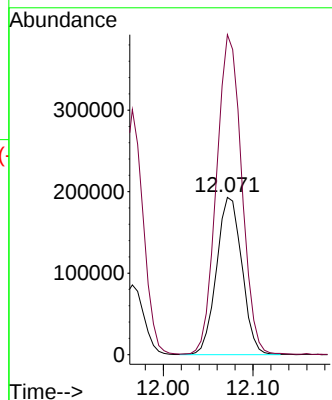
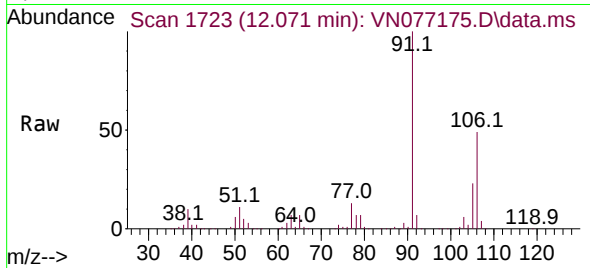
#67
m/p-Xylenes
Concen: 40.437 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:106 Resp: 37999
Ion Ratio Lower Upper
106 100
91 202.1 157.4 236.2

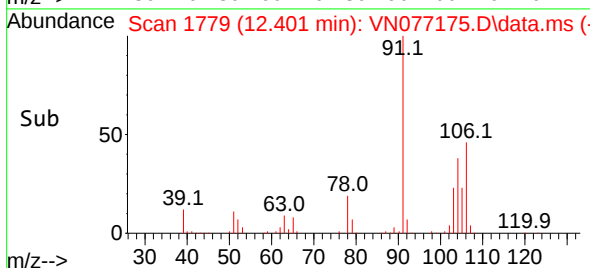
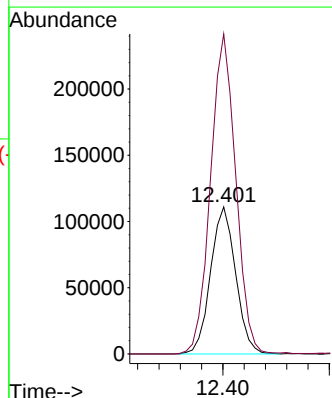
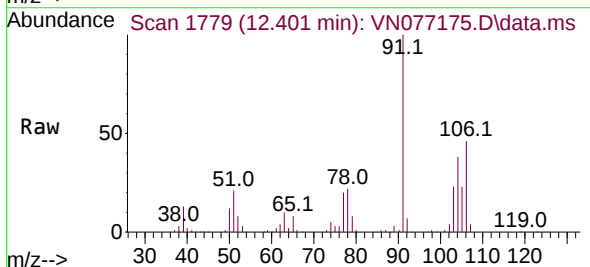
Manual Integrations
APPROVED

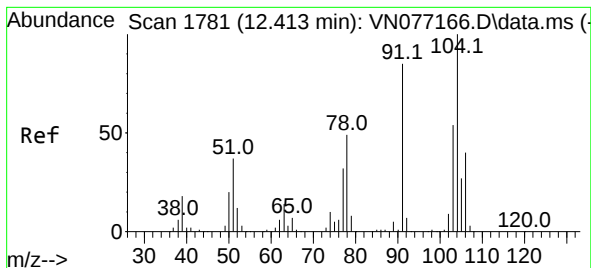
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#68
o-Xylene
Concen: 19.711 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Tgt Ion:106 Resp: 181360
Ion Ratio Lower Upper
106 100
91 218.7 107.2 321.6





#69

Styrene

Concen: 19.563 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

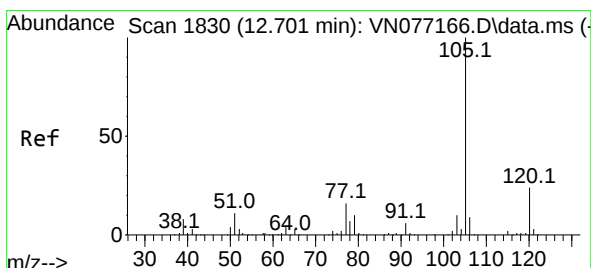
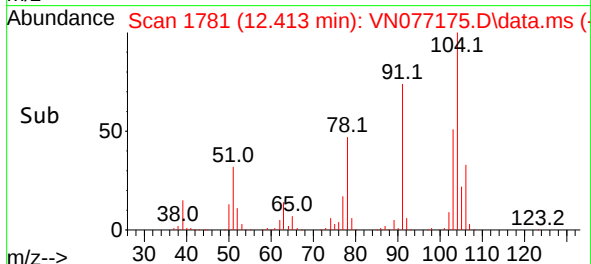
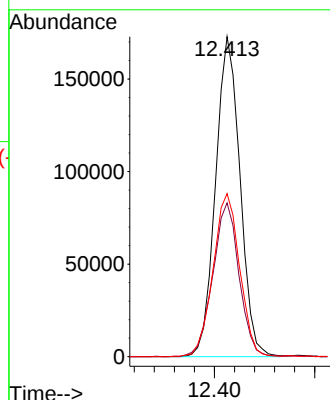
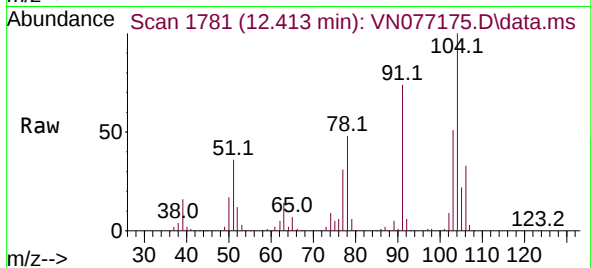
Tgt Ion:104 Resp: 292283
 Ion Ratio Lower Upper
 104 100
 78 51.5 39.6 59.4
 103 55.4 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#70

Isopropylbenzene

Concen: 19.971 ug/l

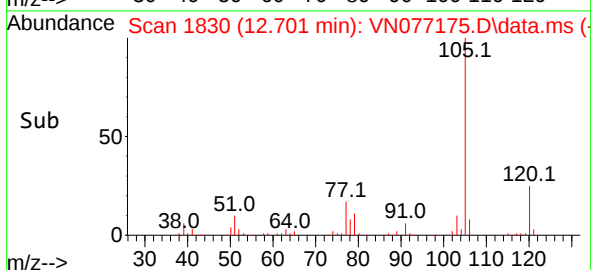
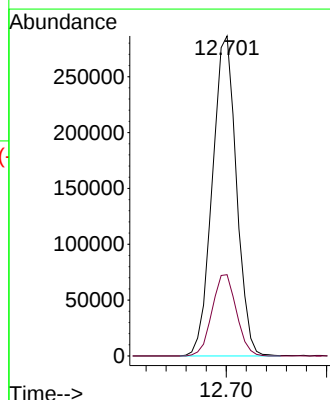
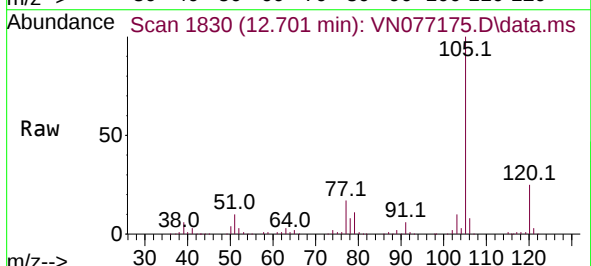
RT: 12.701 min Scan# 1830

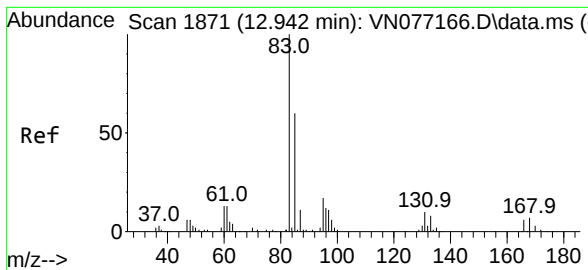
Delta R.T. -0.000 min

Lab File: VN077175.D

Acq: 24 Mar 2023 11:33

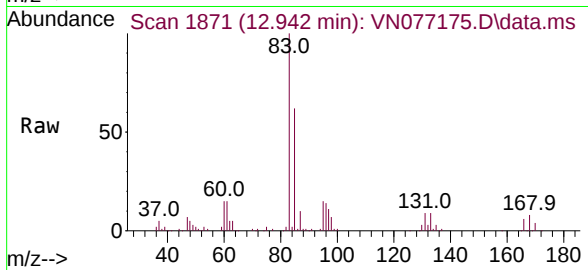
Tgt Ion:105 Resp: 476483
 Ion Ratio Lower Upper
 105 100
 120 25.7 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.917 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

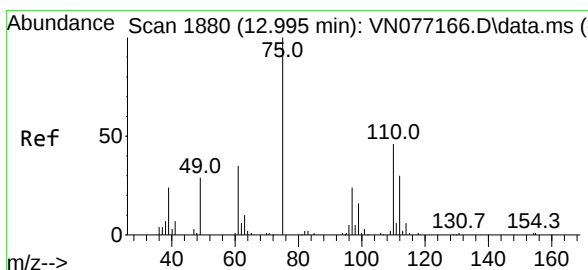
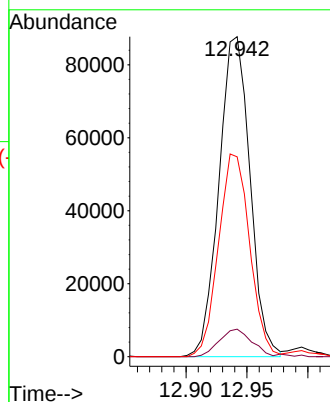
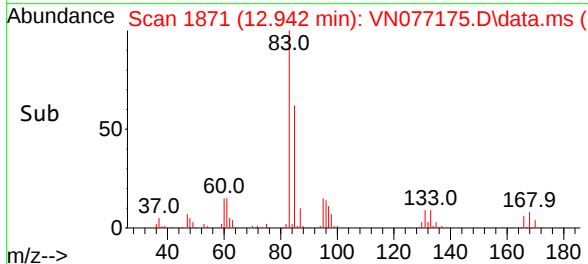
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 83 Resp: 155544
Ion Ratio Lower Upper
83 100
131 9.0 5.0 14.9
85 63.6 32.3 96.9

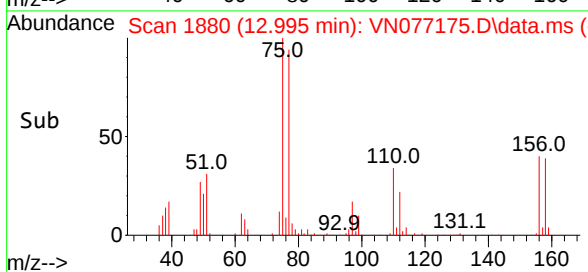
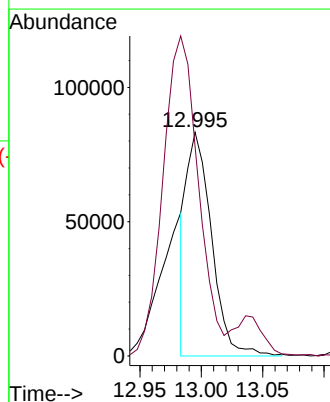
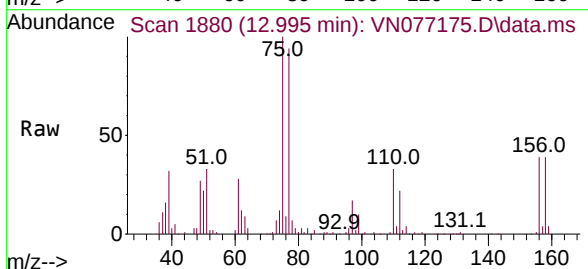
Manual Integrations
APPROVED

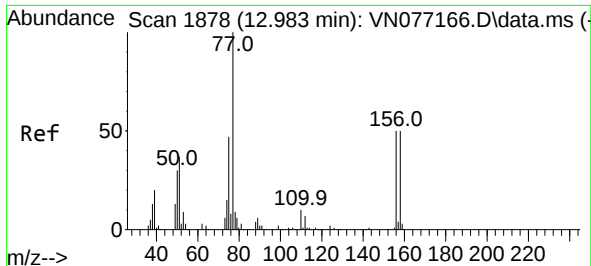
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#72
1,2,3-Trichloropropane
Concen: 17.063 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

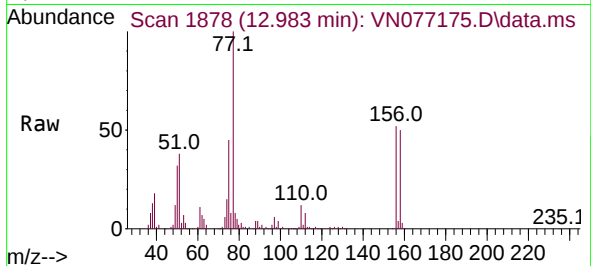
Tgt Ion: 75 Resp: 117947
Ion Ratio Lower Upper
75 100
77 203.0 0.0 332.6





#73
Bromobenzene
Concen: 19.753 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

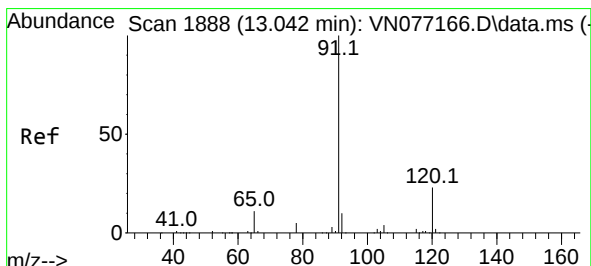
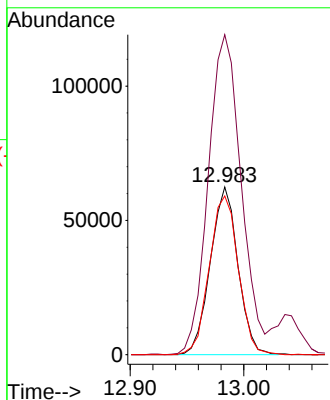
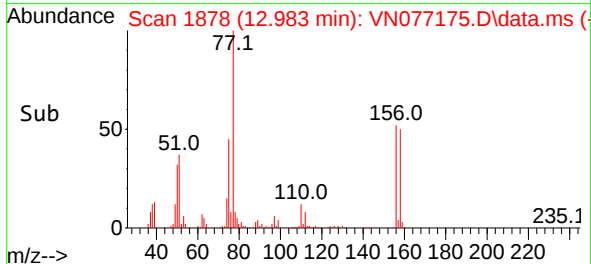
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



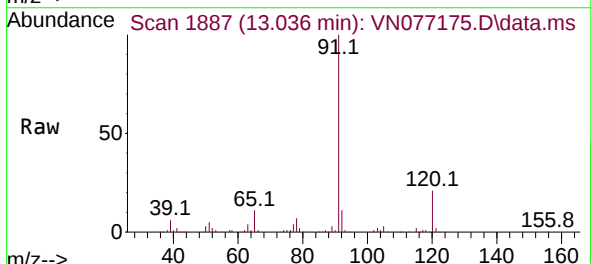
Tgt Ion:156 Resp: 105359
Ion Ratio Lower Upper
156 100
77 227.3 0.0 423.0
158 99.3 0.0 188.6

Manual Integrations
APPROVED

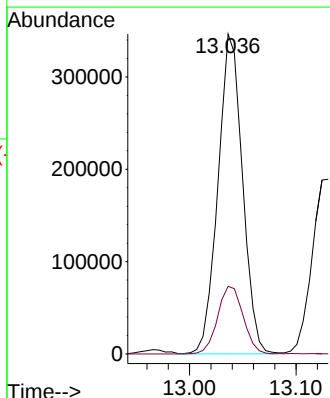
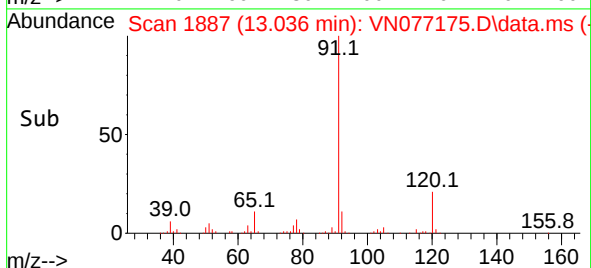
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

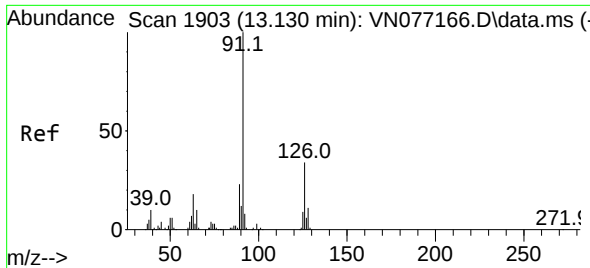


#74
n-propylbenzene
Concen: 20.020 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



Tgt Ion: 91 Resp: 552993
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.0





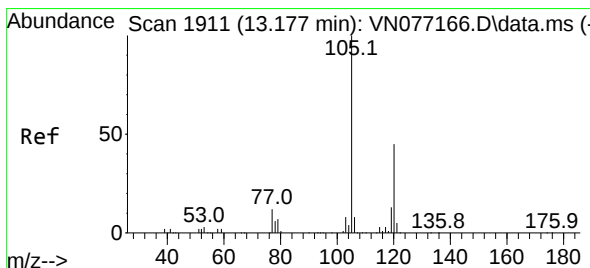
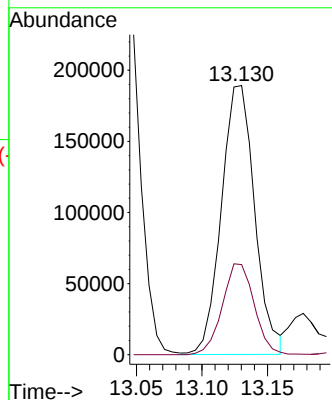
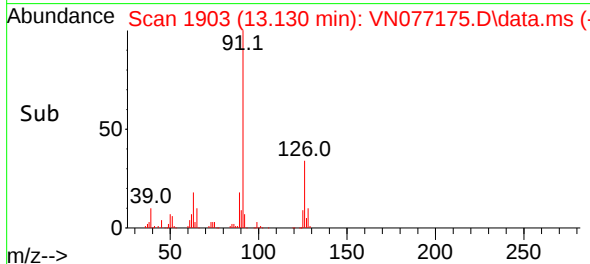
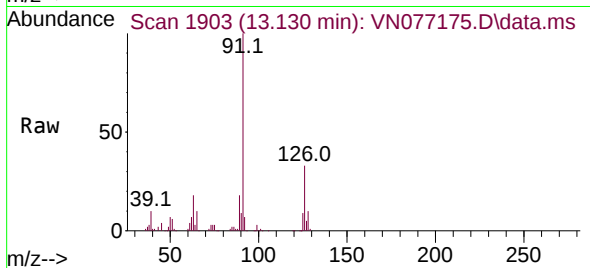
#75
2-Chlorotoluene
Concen: 20.085 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion: 91 Resp: 334490
Ion Ratio Lower Upper
91 100
126 32.3 0.0 66.4

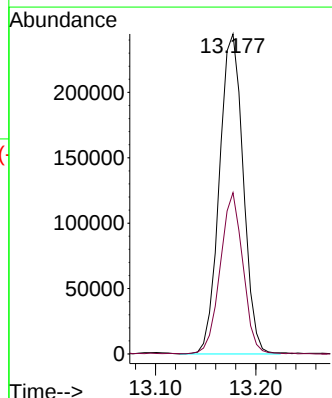
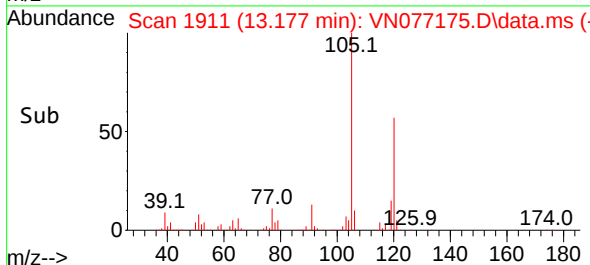
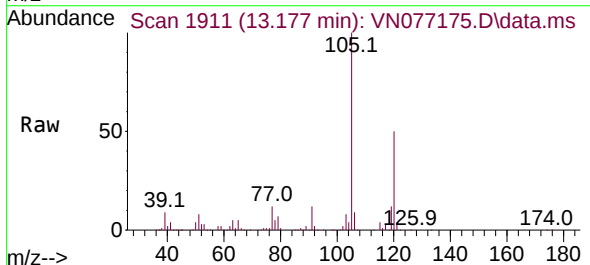
Manual Integrations
APPROVED

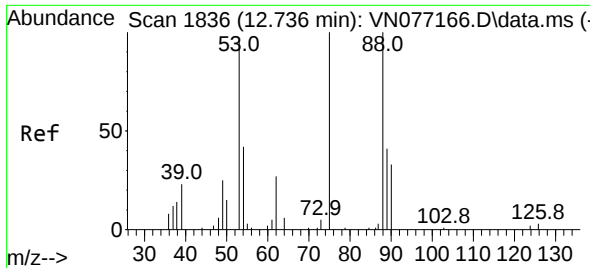
Reviewed By :John Carbone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.375 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

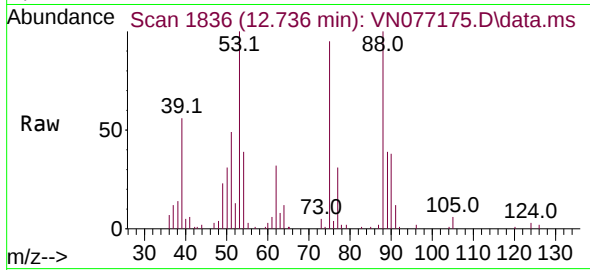
Tgt Ion:105 Resp: 403510
Ion Ratio Lower Upper
105 100
120 48.0 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.143 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

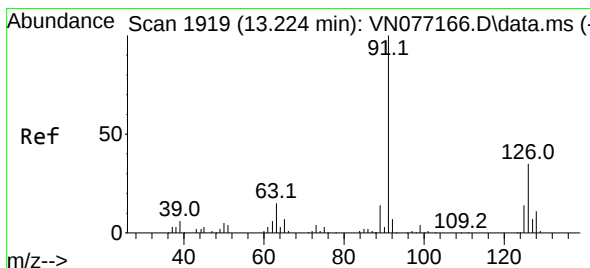
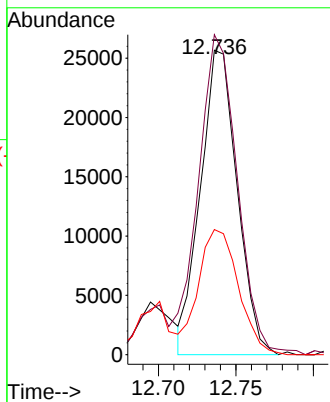
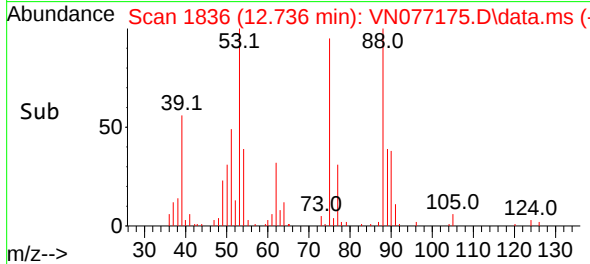
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



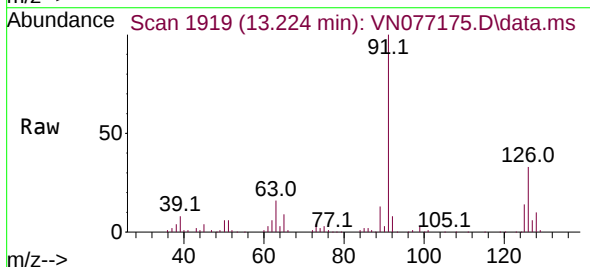
Tgt Ion: 75 Resp: 4218
Ion Ratio Lower Upper
75 100
53 103.3 50.4 151.3
89 40.4 22.1 66.5

Manual Integrations
APPROVED

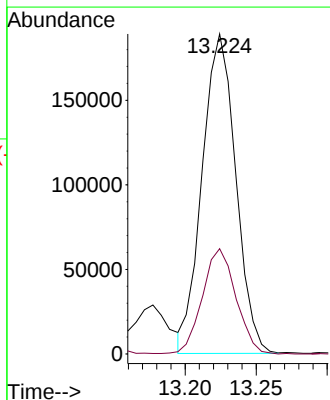
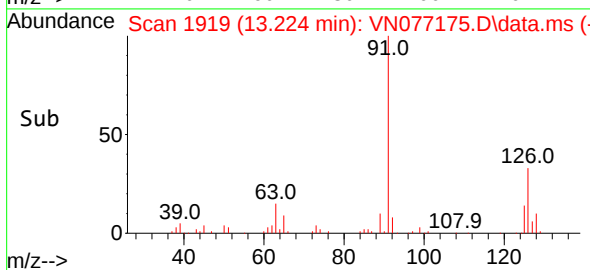
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

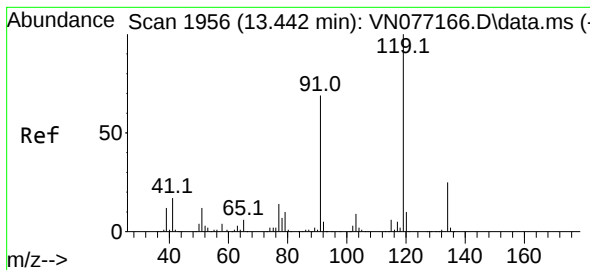


#78
4-Chlorotoluene
Concen: 19.402 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



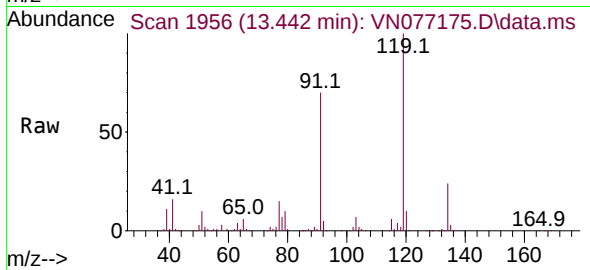
Tgt Ion: 91 Resp: 310821
Ion Ratio Lower Upper
91 100
126 32.9 0.0 70.6





#79
tert-butylbenzene
Concen: 19.980 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

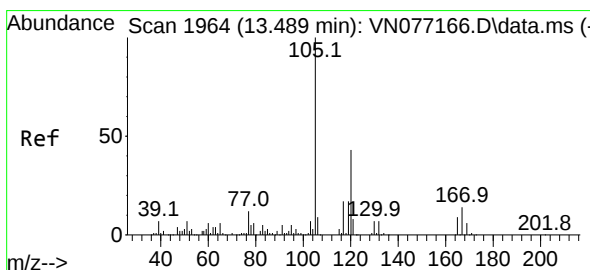
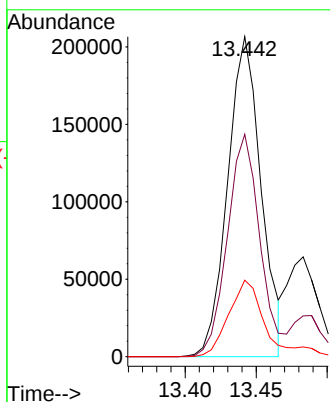
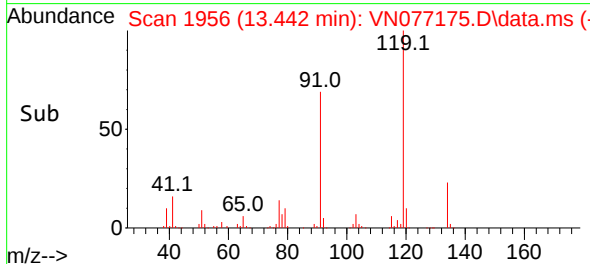
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion:119 Resp: 338030
Ion Ratio Lower Upper
119 100
91 68.4 0.0 129.6
134 24.6 0.0 47.8

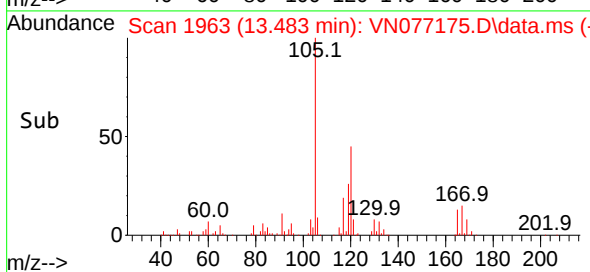
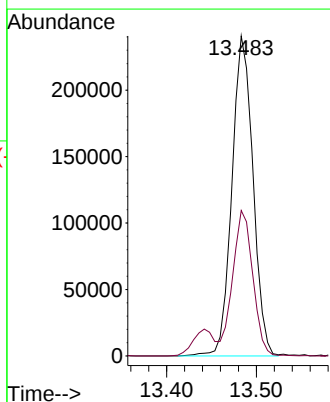
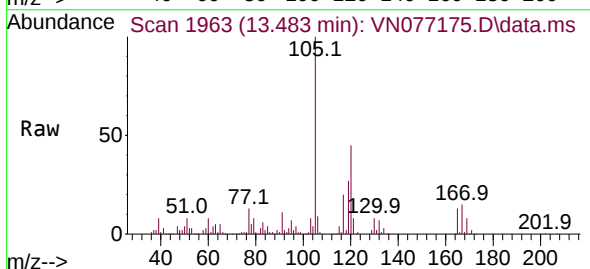
Manual Integrations
APPROVED

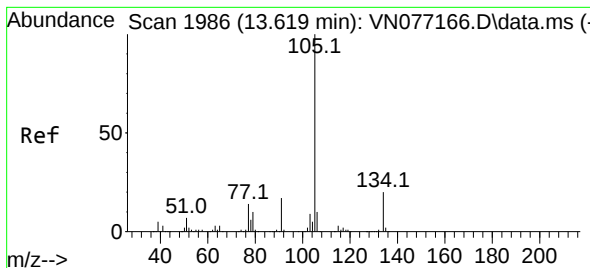
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.958 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

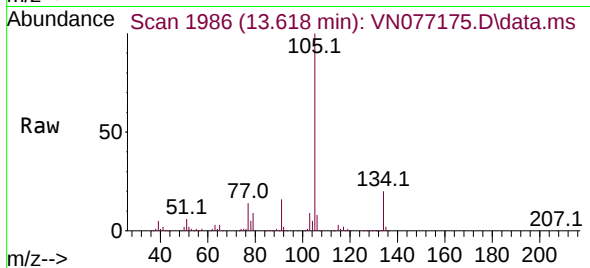
Tgt Ion:105 Resp: 392237
Ion Ratio Lower Upper
105 100
120 44.2 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 19.642 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077175.D
 Acq: 24 Mar 2023 11:33

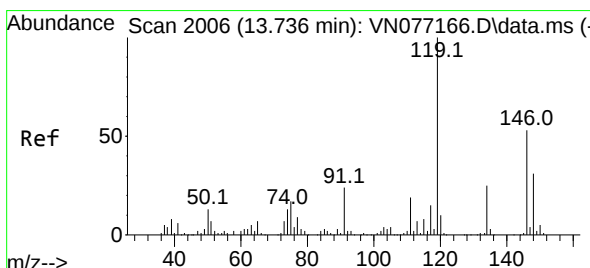
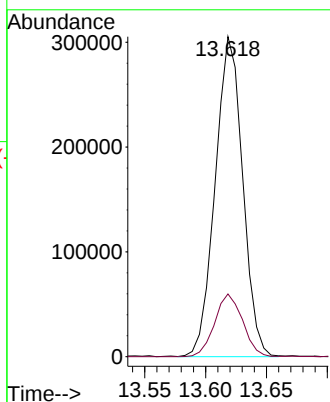
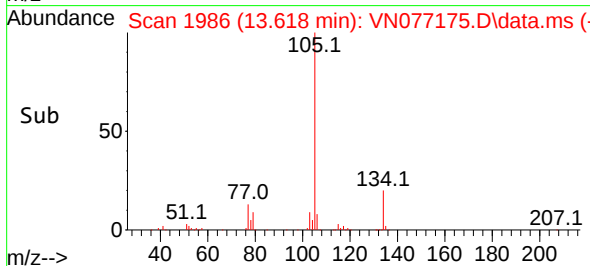
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01



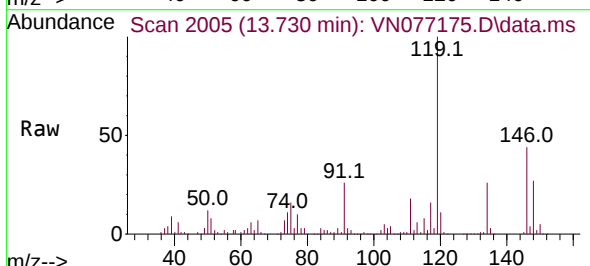
Tgt Ion:105 Resp: 479830
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4

Manual Integrations
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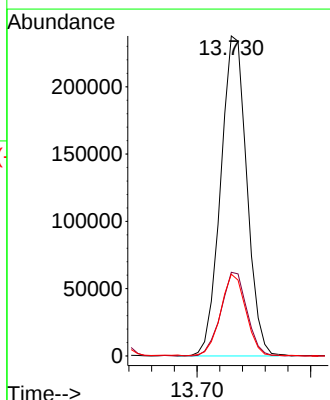
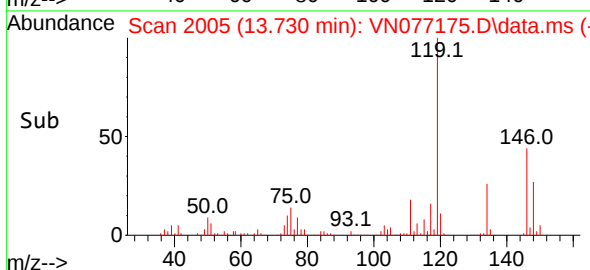
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

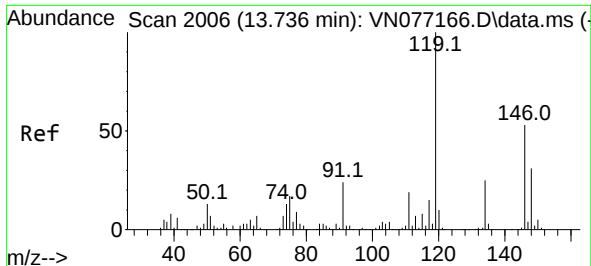


#82
 p-Isopropyltoluene
 Concen: 19.391 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077175.D
 Acq: 24 Mar 2023 11:33



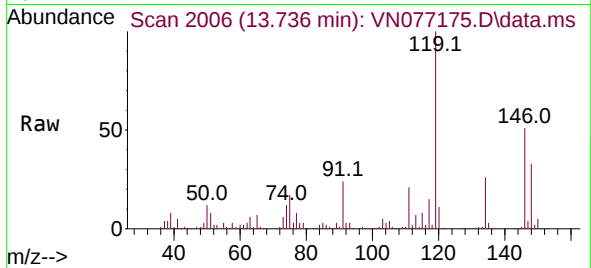
Tgt Ion:119 Resp: 379724
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 53.4
 91 24.9 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 19.788 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

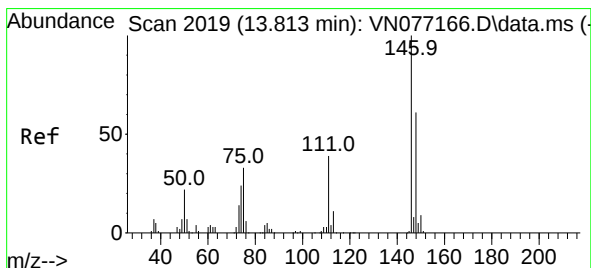
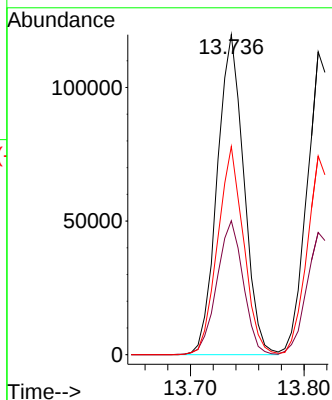
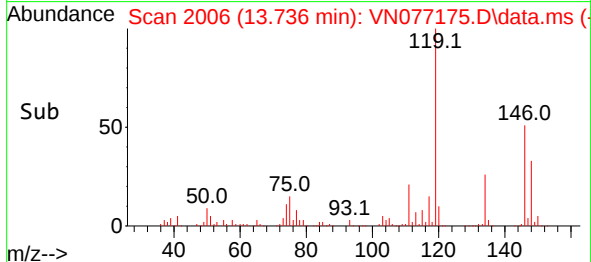
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



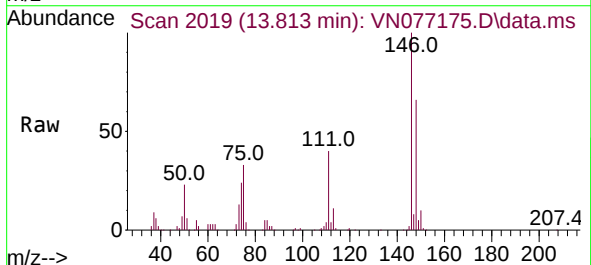
Tgt Ion:146 Resp: 19543
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.8
148 63.3 31.9 95.5

Manual Integrations
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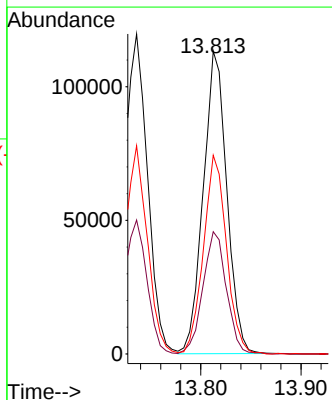
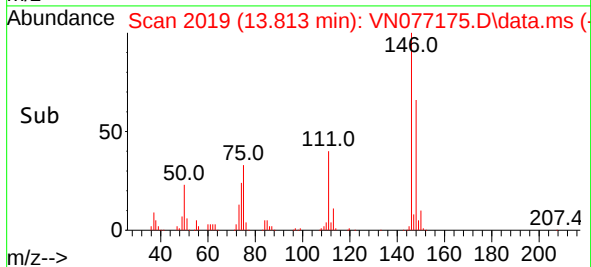
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

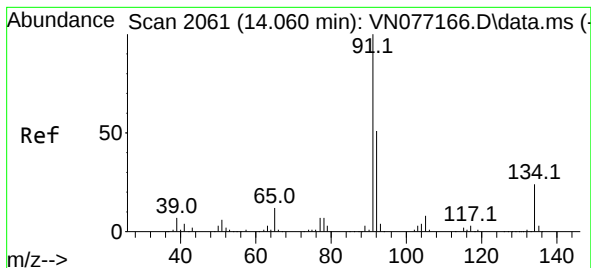


#84
1,4-Dichlorobenzene
Concen: 19.249 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



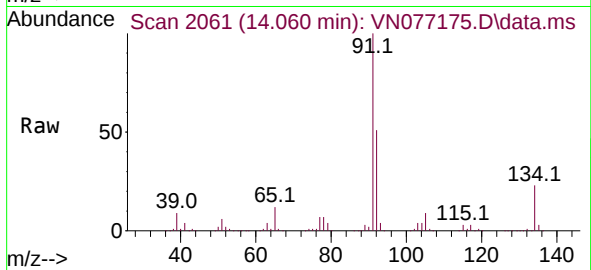
Tgt Ion:146 Resp: 185194
Ion Ratio Lower Upper
146 100
111 40.3 18.2 54.6
148 64.2 31.1 93.2





#85
n-Butylbenzene
Concen: 18.839 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

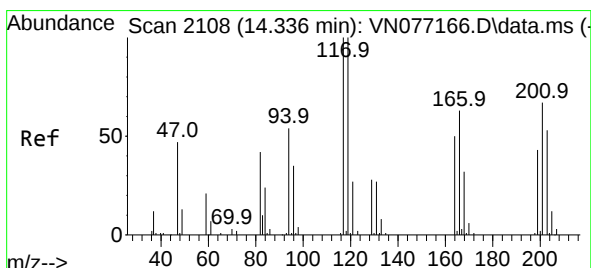
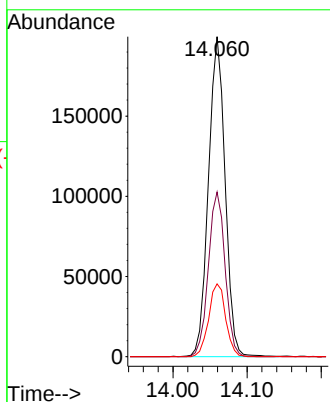
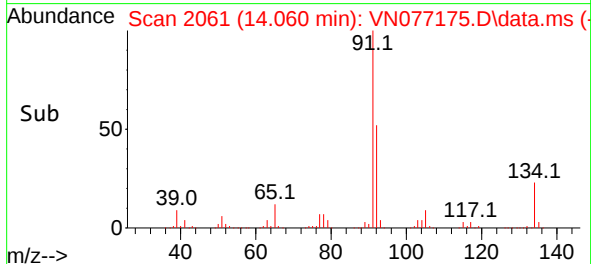
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



Tgt Ion: 91 Resp: 311825
Ion Ratio Lower Upper
91 100
92 51.6 0.0 103.2
134 23.1 0.0 50.0

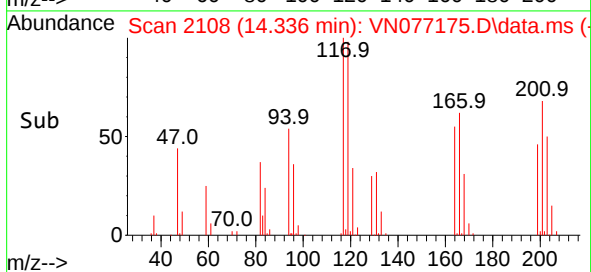
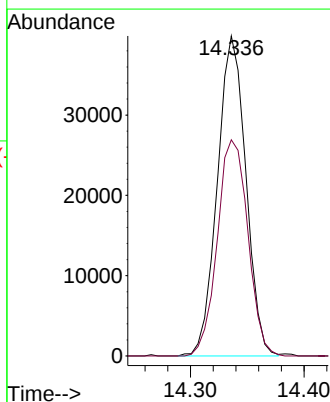
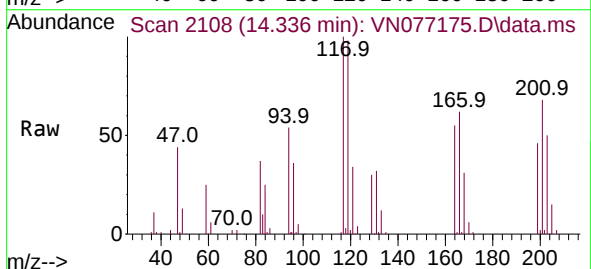
Manual Integrations
APPROVED

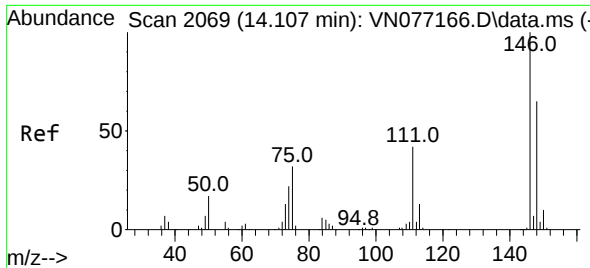
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#86
Hexachloroethane
Concen: 18.622 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

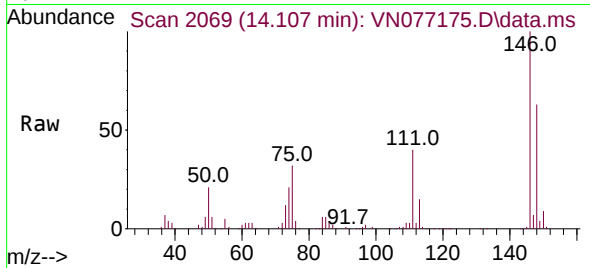
Tgt Ion:117 Resp: 69540
Ion Ratio Lower Upper
117 100
201 72.4 32.2 96.6





#87
1,2-Dichlorobenzene
Concen: 19.414 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

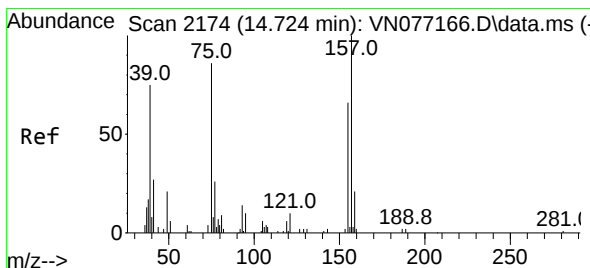
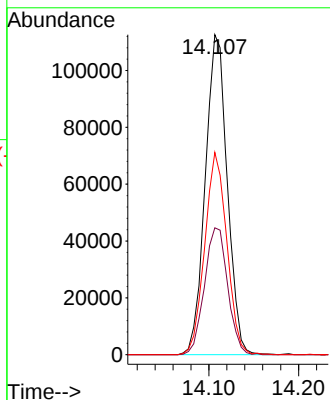
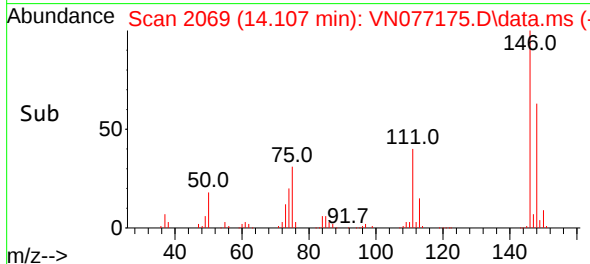
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



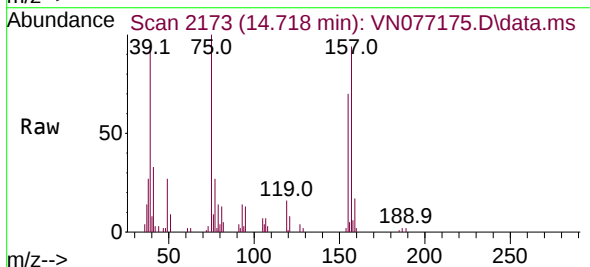
Tgt Ion:146 Resp: 191740
Ion Ratio Lower Upper
146 100
111 41.8 20.5 61.6
148 63.3 32.5 97.5

Manual Integrations
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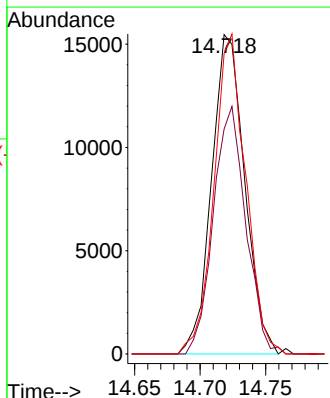
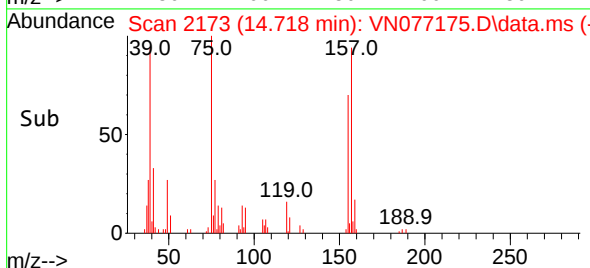
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

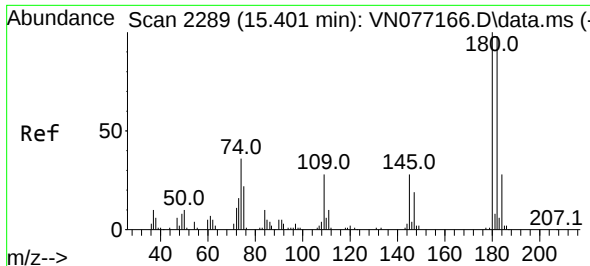


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.116 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



Tgt Ion: 75 Resp: 27146
Ion Ratio Lower Upper
75 100
155 76.0 62.5 93.7
157 95.5 77.5 116.3





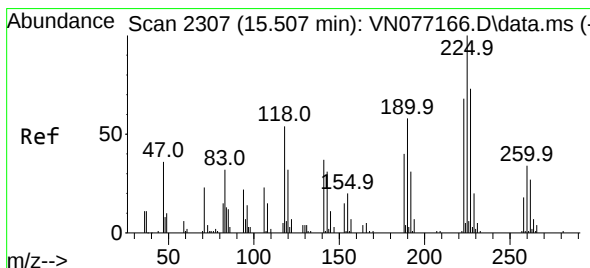
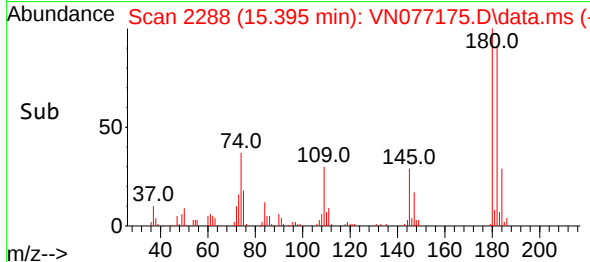
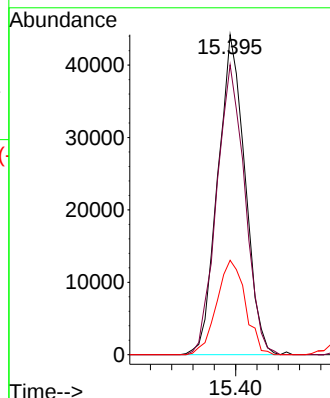
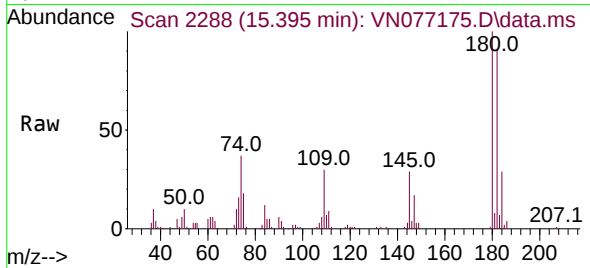
#89
1,2,4-Trichlorobenzene
Concen: 17.775 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tgt Ion:180 Resp: 78314
Ion Ratio Lower Upper
180 100
182 93.8 76.6 115.0
145 31.1 24.6 36.8

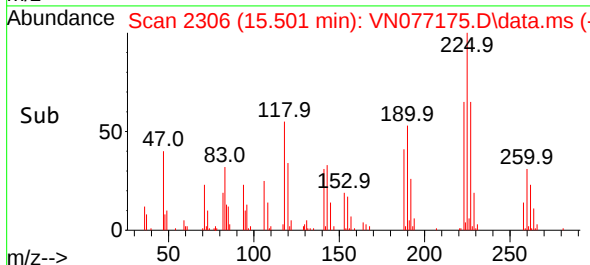
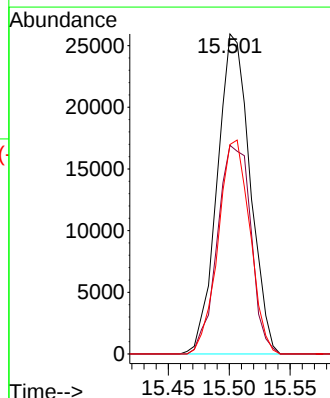
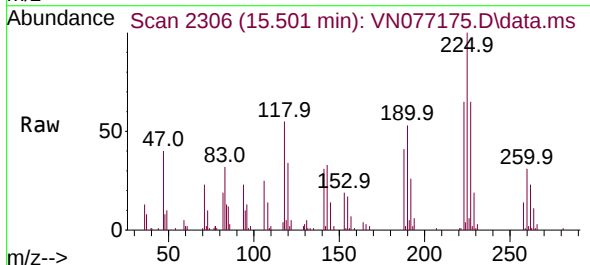
Manual Integrations
APPROVED

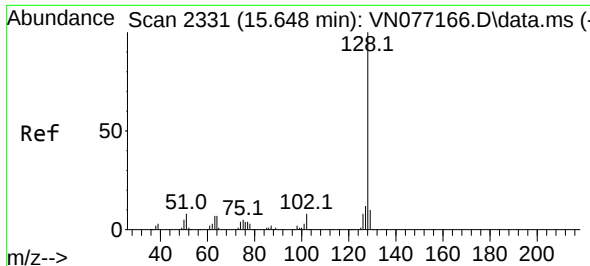
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#90
Hexachlorobutadiene
Concen: 19.587 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

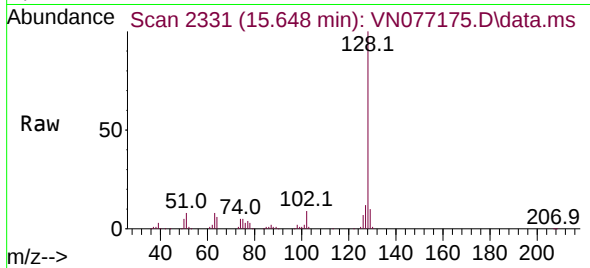
Tgt Ion:225 Resp: 48686
Ion Ratio Lower Upper
225 100
223 66.5 0.0 135.4
227 64.4 0.0 129.4





#91
Naphthalene
Concen: 17.051 ug/l
RT: 15.648 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33

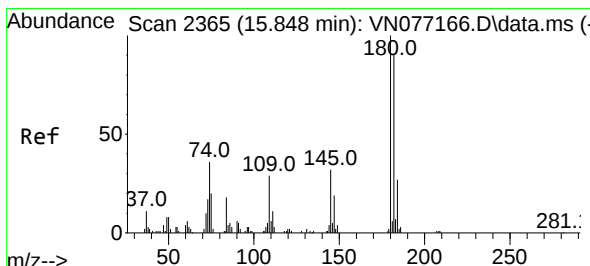
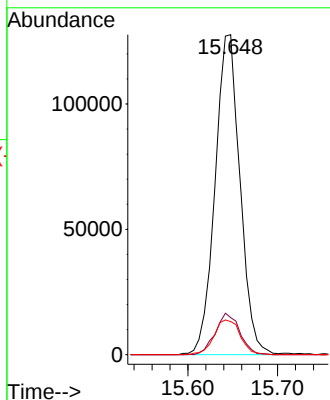
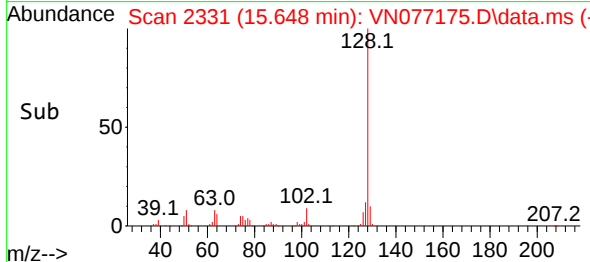
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01



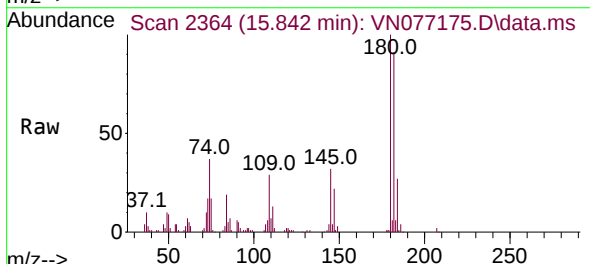
Tgt Ion:128 Resp: 24653
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.6
129 11.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 17.671 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN077175.D
Acq: 24 Mar 2023 11:33



Tgt Ion:180 Resp: 77310
Ion Ratio Lower Upper
180 100
182 96.9 0.0 190.8
145 32.5 0.0 65.0

