

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077616.D
 Acq On : 08 May 2023 14:44
 Operator : JC\MD
 Sample : VN0508WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01

Quant Time: May 09 06:01:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	110801	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	608193	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	553879	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	244225	30.650	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.167%
60) 4-Bromofluorobenzene	12.854	95	255703	29.034	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.767%
63) Toluene-d8	10.571	98	765670	29.930	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.767%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	126184	17.346	ug/l	95
3) Chloromethane	2.372	50	104161	18.840	ug/l	97
4) Vinyl Chloride	2.525	62	140588	16.526	ug/l	97
5) Bromomethane	2.966	94	123168	21.721	ug/l	96
6) Chloroethane	3.125	64	102905	18.516	ug/l	99
7) Trichlorofluoromethane	3.501	101	185408	16.026	ug/l	94
8) Diethyl Ether	3.972	74	78782	21.605	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.384	101	108937	17.444	ug/l	96
10) 1,1-Dichloroethene	4.348	96	106434	18.030	ug/l	90
11) Methyl Iodide	4.601	142	175860	19.153	ug/l	93
12) Methyl Acetate	5.025	43	82061	11.499	ug/l	98
13) Acrolein	4.190	56	90484	103.513	ug/l	97
14) Acrylonitrile	5.725	53	240364	110.729	ug/l	99
15) Acetone	4.437	58	66376	100.749	ug/l	100
16) Carbon Disulfide	4.719	76	242489	17.100	ug/l	98
17) Allyl chloride	5.031	41	107285	17.507	ug/l	86
18) Methylene Chloride	5.289	84	138933	19.364	ug/l	95
19) trans-1,2-Dichloroethene	5.795	96	117924	17.756	ug/l	95
20) Diisopropyl ether	6.678	45	295215	19.808	ug/l #	92
21) 1,1-Dichloroethane	6.572	63	210615	19.265	ug/l	95
22) cis-1,2-Dichloroethene	7.495	96	159548	19.937	ug/l	89
23) tert-Butyl Alcohol	5.536	59	97162	114.258	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	411563	20.596	ug/l	97
25) Chloroform	7.972	83	256825	19.709	ug/l	95
26) Cyclohexane	8.260	56	152704	17.015	ug/l #	91
29) 1,1-Dichloropropene	8.377	75	160765	18.362	ug/l	96
30) 2-Butanone	7.489	43	279473	119.751	ug/l	91
31) 2,2-Dichloropropane	7.495	77	188384	18.468	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	215736	19.039	ug/l	96
33) Carbon Tetrachloride	8.366	117	182555	19.051	ug/l	96
34) Benzene	8.613	78	538050	20.352	ug/l	96
35) Methacrylonitrile	7.783	41	63044	23.799	ug/l	87
36) 1,2-Dichloroethane	8.677	62	200413	22.738	ug/l	100
37) Trichloroethene	9.354	130	130334	19.071	ug/l	97
38) Methylcyclohexane	9.601	83	208693	18.512	ug/l	95
39) 1,2-Dichloropropane	9.624	63	130772	21.365	ug/l	91
40) Dibromomethane	9.713	93	103758	21.502	ug/l	93
41) Bromodichloromethane	9.895	83	203218	20.914	ug/l #	94
42) Vinyl Acetate	6.613	43	791693	91.451	ug/l #	90

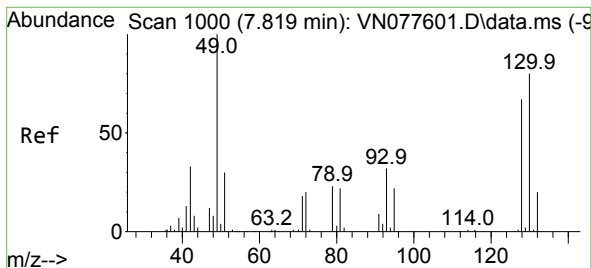
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.683	43	1226	0.244	ug/l	96
44) Isopropyl Acetate	8.695	43	212831	23.176	ug/l	93
45) 1,4-Dioxane	9.695	88	57274	501.727	ug/l	93
46) Methyl methacrylate	9.683	41	92565	22.444	ug/l	89
47) n-amyl Acetate	12.495	43	172595	21.822	ug/l	95
48) t-1,3-Dichloropropene	10.836	75	207869	21.220	ug/l	94
49) cis-1,3-Dichloropropene	10.313	75	228397	21.272	ug/l	94
50) 1,1,2-Trichloroethane	11.013	97	148817	21.415	ug/l	91
51) Ethyl methacrylate	10.877	69	201154	22.423	ug/l	96
52) 1,3-Dichloropropane	11.166	76	245104	21.814	ug/l	98
53) Dibromochloromethane	11.360	129	151310	20.928	ug/l	98
54) 1,2-Dibromoethane	11.471	107	152477	22.089	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	457439	112.763	ug/l	97
56) Bromoform	12.583	173	93982	22.091	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	602873	118.196	ug/l #	94
59) 2-Hexanone	11.201	43	428153	116.284	ug/l	94
61) Tetrachloroethene	11.107	164	103021	19.229	ug/l	91
62) Toluene	10.636	91	613400	20.003	ug/l	99
64) Chlorobenzene	11.895	112	378851	20.089	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.960	131	140173	20.604	ug/l	93
66) Ethyl Benzene	11.965	91	653319	19.228	ug/l	100
67) m/p-Xylenes	12.077	106	524617	39.244	ug/l	95
68) o-Xylene	12.401	106	261310	19.835	ug/l	96
69) Styrene	12.413	104	422050	20.035	ug/l	99
70) Isopropylbenzene	12.701	105	650309	19.004	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	202148	22.029	ug/l	96
72) 1,2,3-Trichloropropane	12.995	75	233103	30.530	ug/l	70
73) Bromobenzene	12.983	156	145923	20.394	ug/l	93
74) n-propylbenzene	13.036	91	725887	18.972	ug/l	100
75) 2-Chlorotoluene	13.130	91	453029	19.578	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	529246	19.571	ug/l	99
77) t-1,4-Dichloro-2-butene	12.742	75	55735	20.954	ug/l	93
78) 4-Chlorotoluene	13.224	91	435349	19.268	ug/l	99
79) tert-butylbenzene	13.442	119	466376	19.256	ug/l	96
80) 1,2,4-Trimethylbenzene	13.489	105	493934	18.820	ug/l	97
81) sec-Butylbenzene	13.618	105	645705	18.994	ug/l	100
82) p-Isopropyltoluene	13.736	119	512058	18.931	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	255534	19.232	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	246831	18.977	ug/l	99
85) n-Butylbenzene	14.059	91	392133	17.622	ug/l	99
86) Hexachloroethane	14.336	117	93559	18.560	ug/l	92
87) 1,2-Dichlorobenzene	14.107	146	256524	19.890	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	36137	21.670	ug/l	95
89) 1,2,4-Trichlorobenzene	15.401	180	76255	17.161	ug/l	98
90) Hexachlorobutadiene	15.501	225	51614	20.599	ug/l	94
91) Naphthalene	15.648	128	276941	18.245	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	71300	17.423	ug/l	97

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.825 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077616.D

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MSVOA_N

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VN0508WBSD01

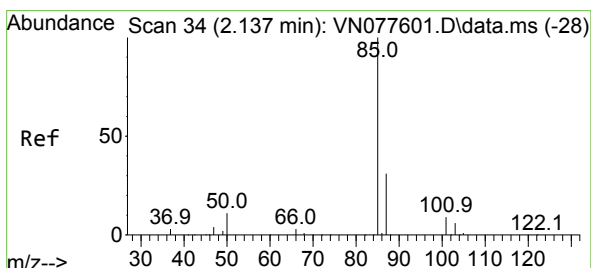
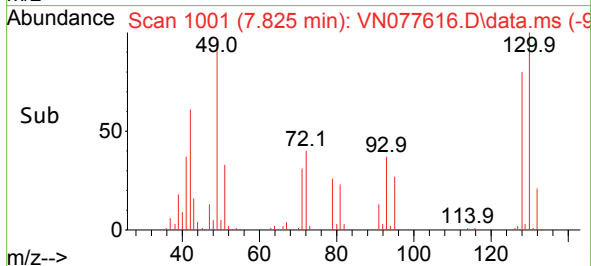
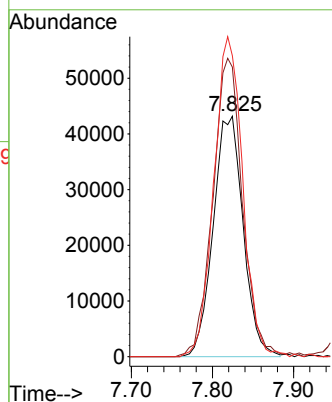
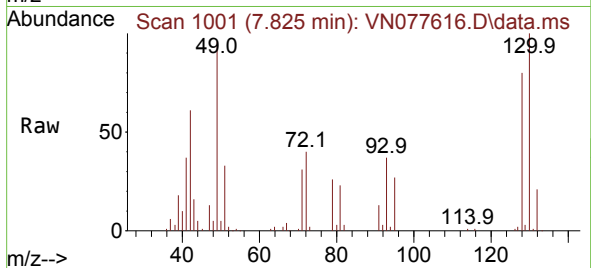
Tgt Ion:128 Resp: 110801

Ion Ratio Lower Upper

128 100

49 123.0 0.0 369.8

130 127.0 0.0 317.8



#2

Dichlorodifluoromethane

Concen: 17.346 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077616.D

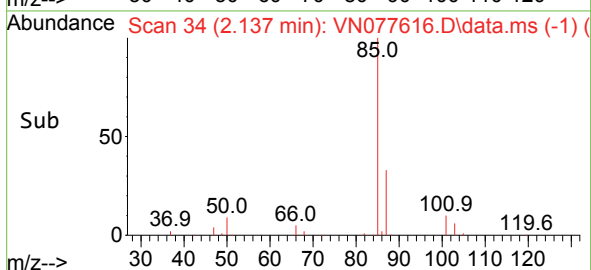
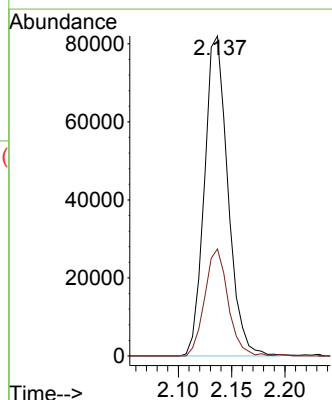
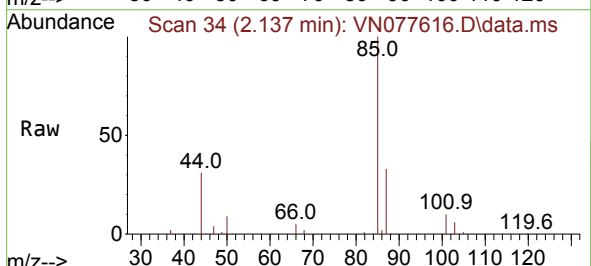
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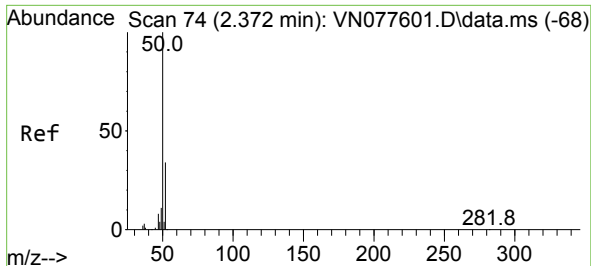
Tgt Ion: 85 Resp: 126184

Ion Ratio Lower Upper

85 100

87 33.5 15.3 45.9

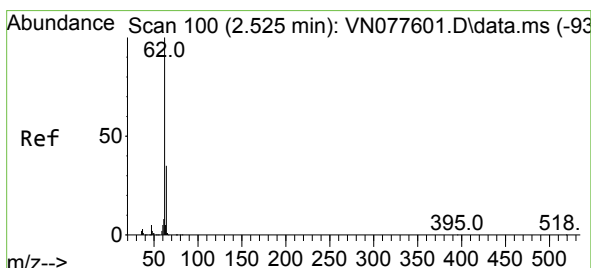
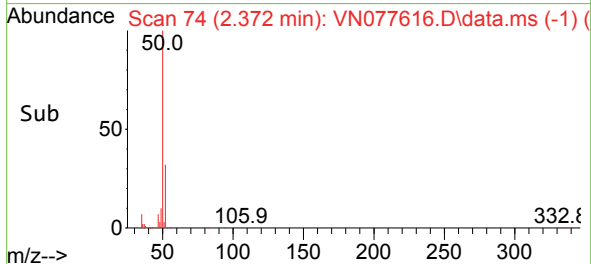
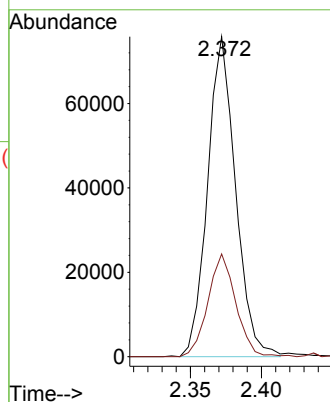
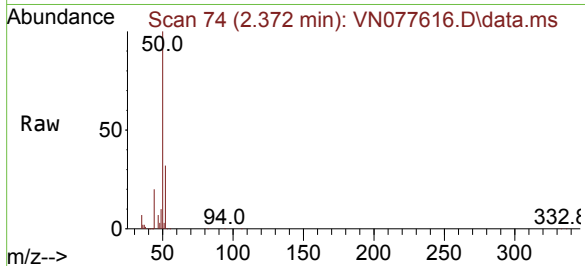




#3
Chloromethane
Concen: 18.840 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

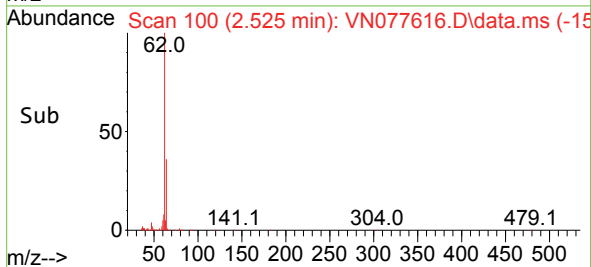
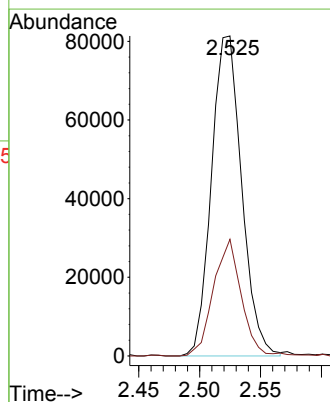
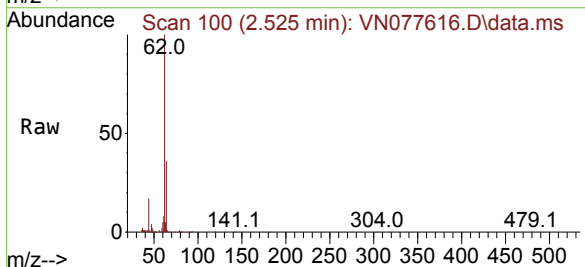
Instrument :
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ClientSampleId :
VN0508WBSD01

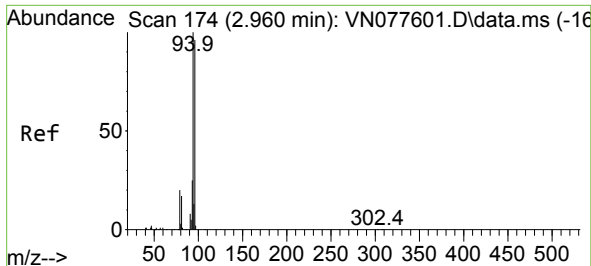
Tgt Ion: 50 Resp: 104161
Ion Ratio Lower Upper
50 100
52 32.1 27.3 40.9



#4
Vinyl Chloride
Concen: 16.526 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 62 Resp: 140588
Ion Ratio Lower Upper
62 100
64 36.4 27.8 41.6

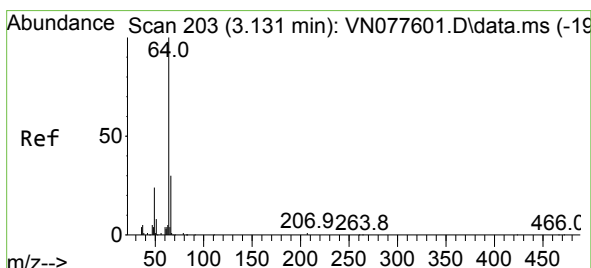
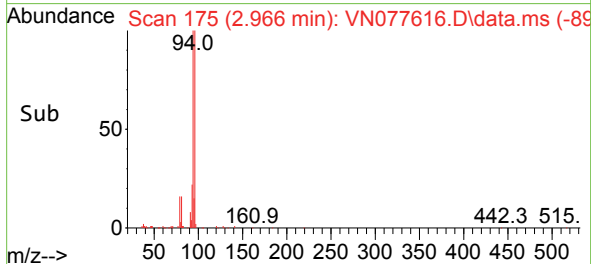
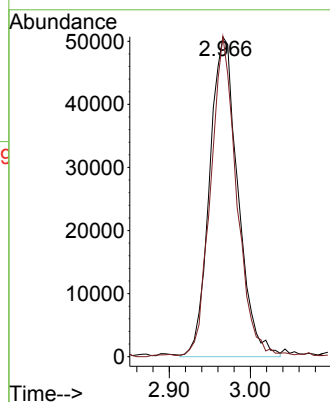
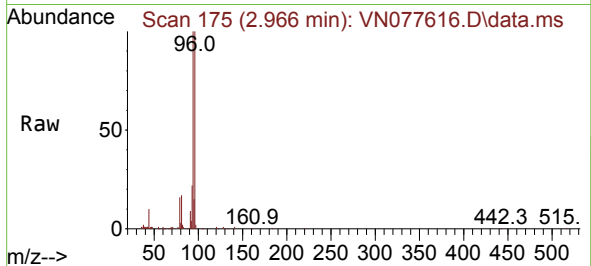




#5
Bromomethane
Concen: 21.721 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

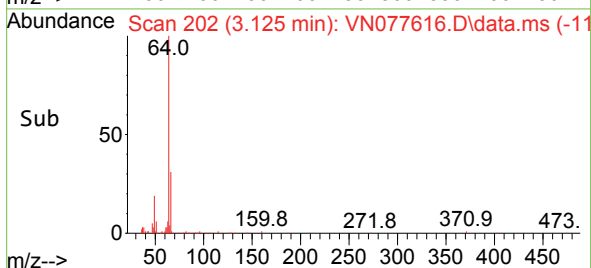
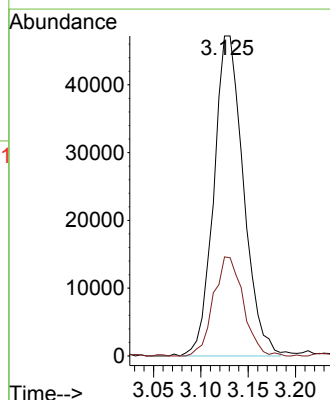
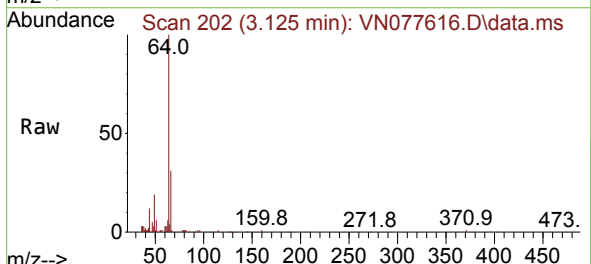
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ClientSampleId :
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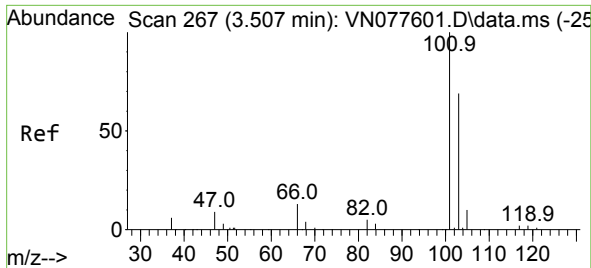
Tgt Ion: 94 Resp: 123168
Ion Ratio Lower Upper
94 100
96 100.1 76.7 115.1



#6
Chloroethane
Concen: 18.516 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 64 Resp: 102905
Ion Ratio Lower Upper
64 100
66 31.0 24.2 36.4

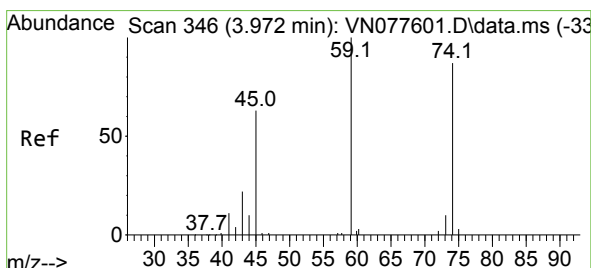
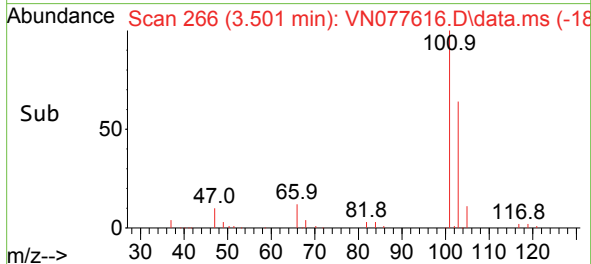
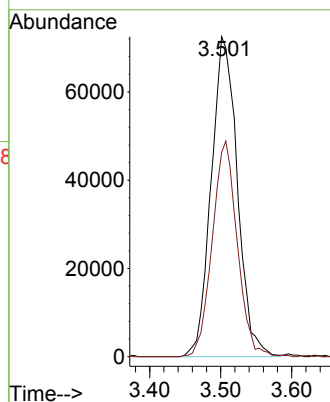
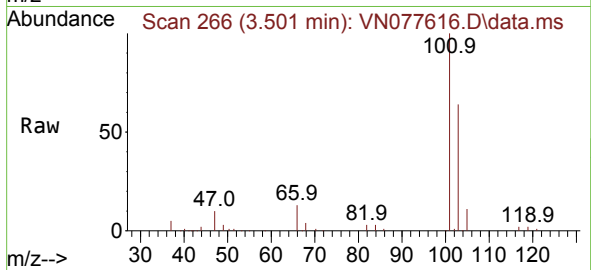




#7
 Trichlorofluoromethane
 Concen: 16.026 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

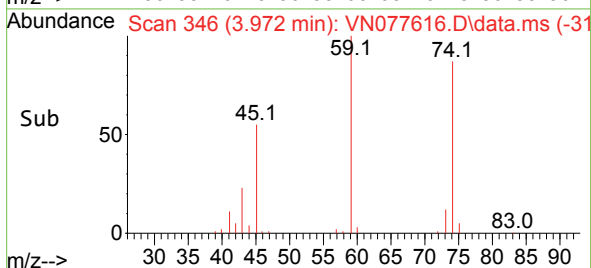
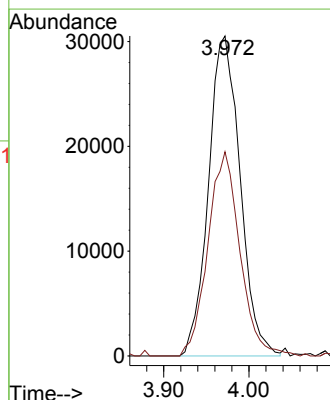
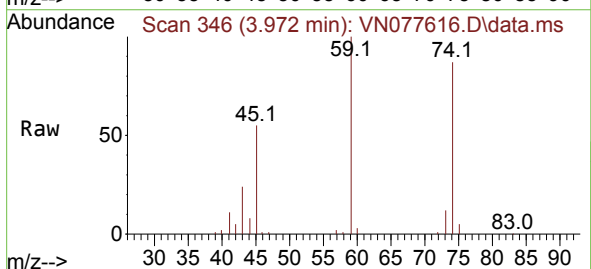
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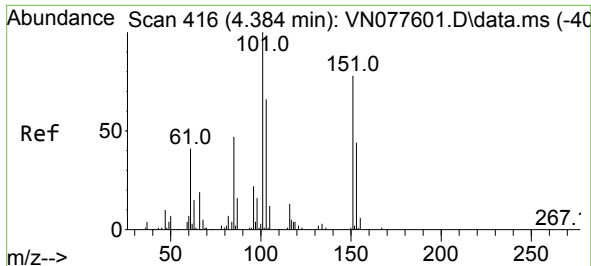
Tgt Ion:101 Resp: 185408
 Ion Ratio Lower Upper
 101 100
 103 63.8 55.0 82.4



#8
 Diethyl Ether
 Concen: 21.605 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

Tgt Ion: 74 Resp: 78782
 Ion Ratio Lower Upper
 74 100
 45 64.4 14.8 133.2

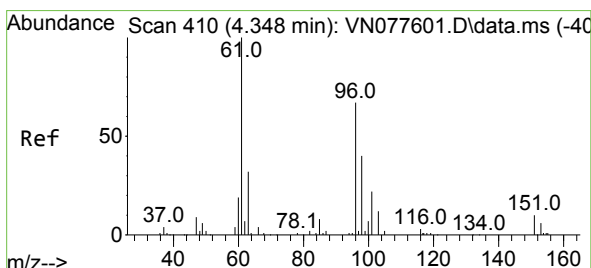
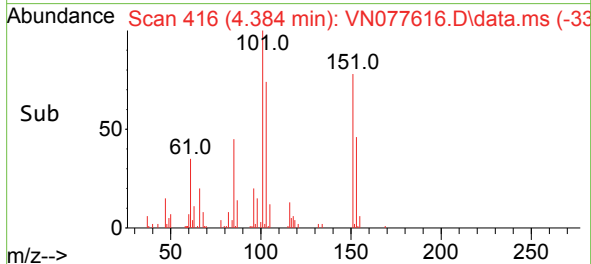
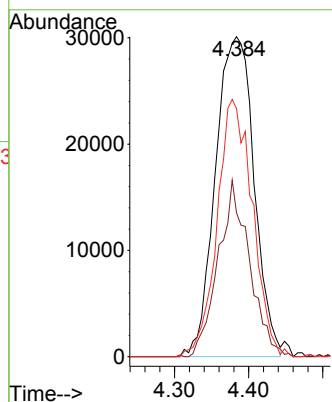
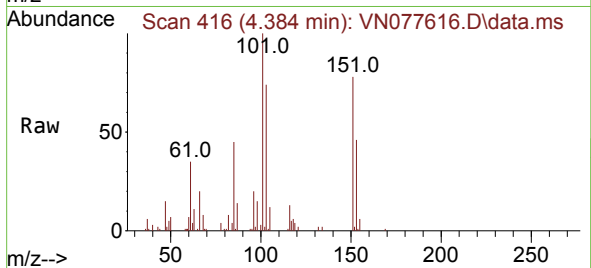




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.444 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

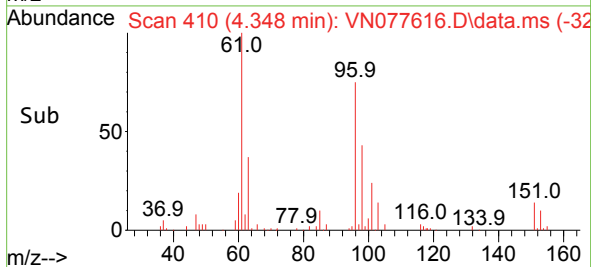
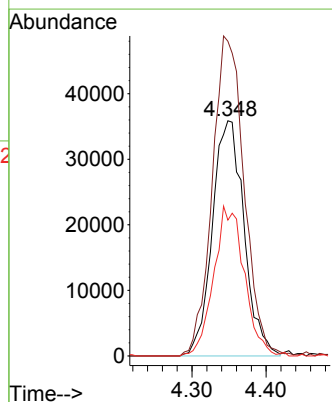
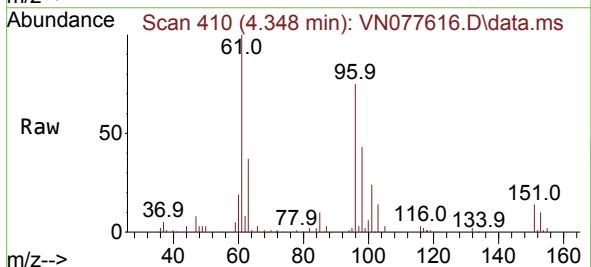
Instrument :
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ClientSampleId :
VN0508WBSD01

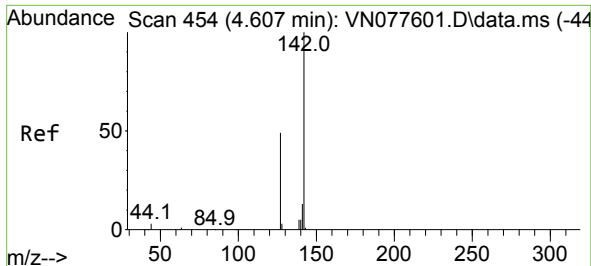
Tgt Ion:101 Resp: 108937
Ion Ratio Lower Upper
101 100
85 44.8 0.0 92.6
151 73.2 0.0 137.4



#10
1,1-Dichloroethene
Concen: 18.030 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 96 Resp: 106434
Ion Ratio Lower Upper
96 100
61 133.8 120.1 180.1
98 57.7 48.3 72.5





#11

Methyl Iodide

Concen: 19.153 ug/l

RT: 4.601 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

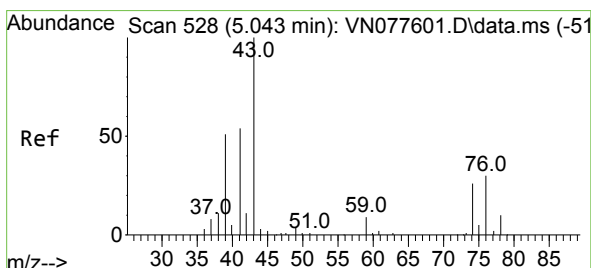
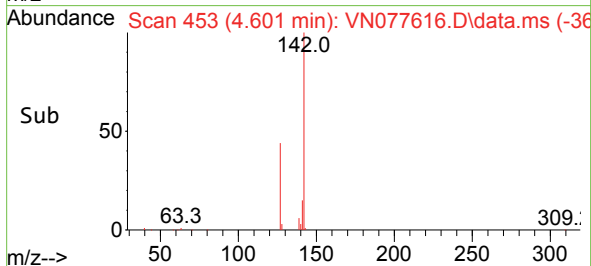
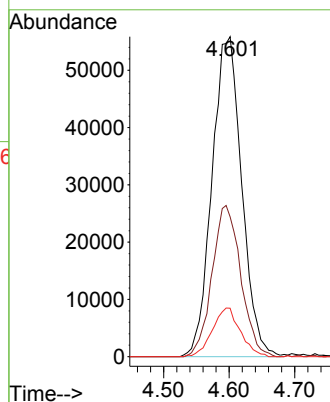
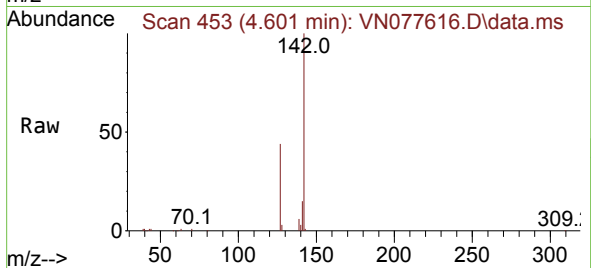
Tgt Ion:142 Resp: 175860

Ion Ratio Lower Upper

142 100

127 43.8 24.6 73.6

141 15.2 6.4 19.2



#12

Methyl Acetate

Concen: 11.499 ug/l

RT: 5.025 min Scan# 525

Delta R.T. -0.018 min

Lab File: VN077616.D

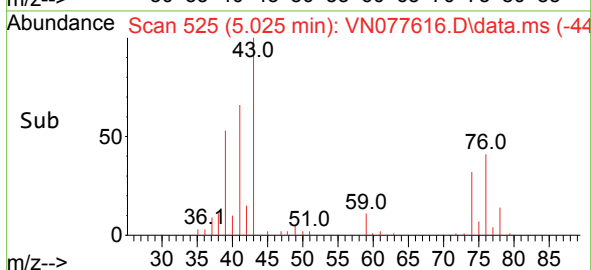
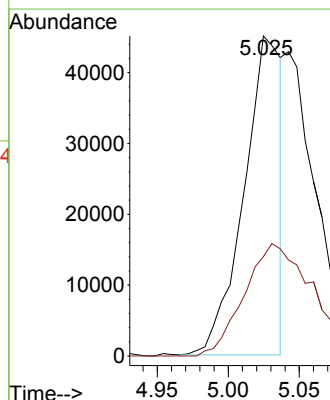
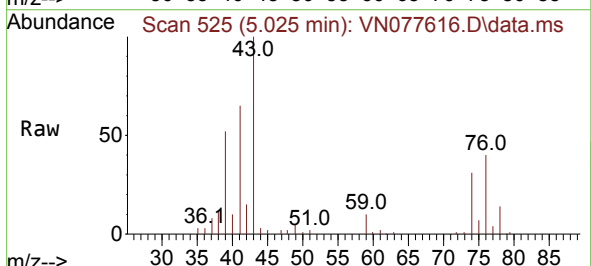
Acq: 08 May 2023 14:44

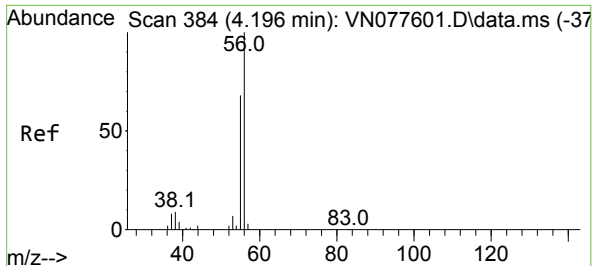
Tgt Ion: 43 Resp: 82061

Ion Ratio Lower Upper

43 100

74 26.9 20.6 31.0

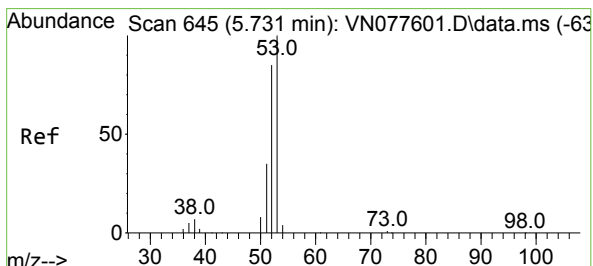
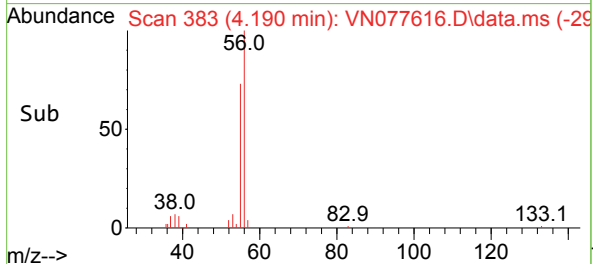
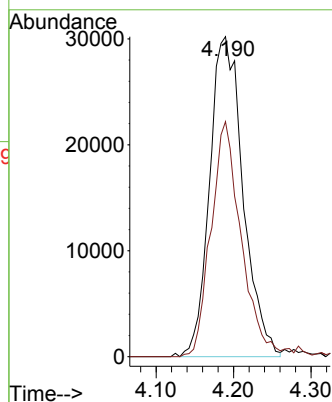
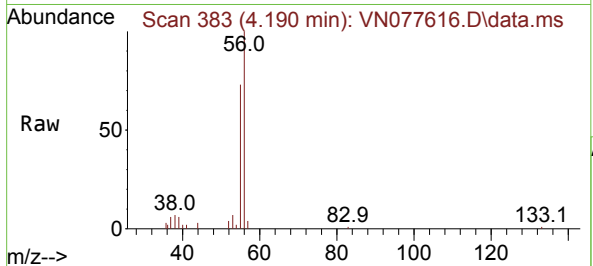




#13
Acrolein
Concen: 103.513 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

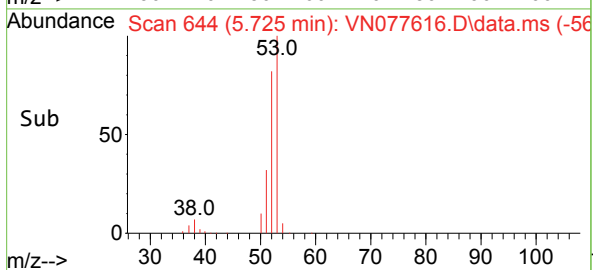
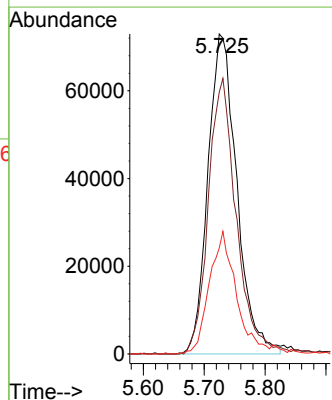
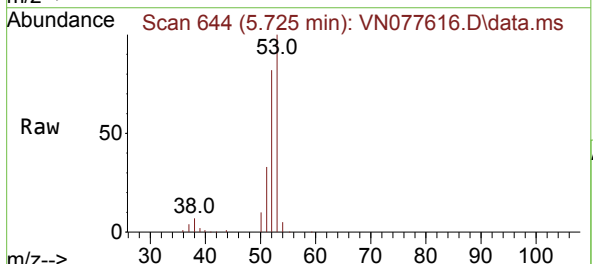
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

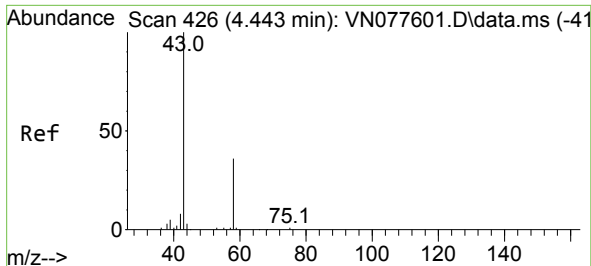
Tgt Ion: 56 Resp: 90484
Ion Ratio Lower Upper
56 100
55 66.0 54.8 82.2



#14
Acrylonitrile
Concen: 110.729 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 53 Resp: 240364
Ion Ratio Lower Upper
53 100
52 82.3 41.6 124.8
51 35.5 17.6 52.9





#15

Acetone

Concen: 100.749 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

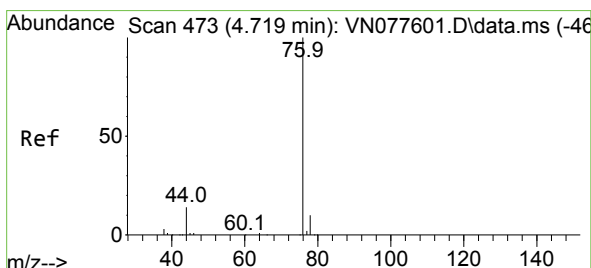
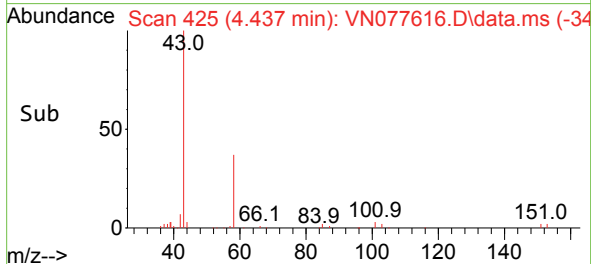
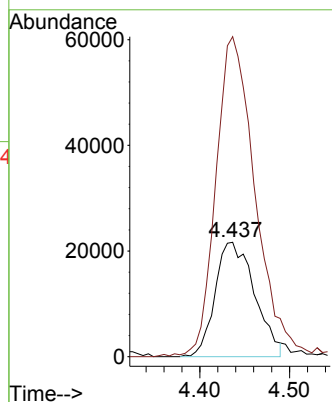
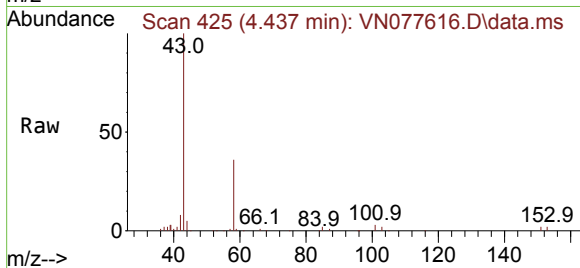
VN0508WBSD01

Tgt Ion: 58 Resp: 66376

Ion Ratio Lower Upper

58 100

43 278.2 223.2 334.8



#16

Carbon Disulfide

Concen: 17.100 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN077616.D

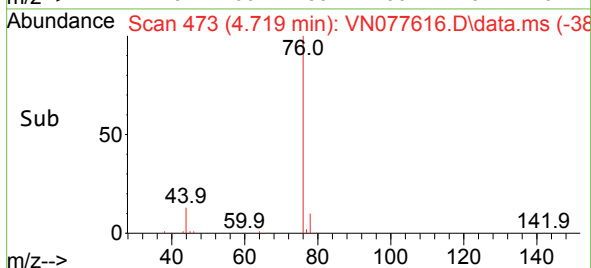
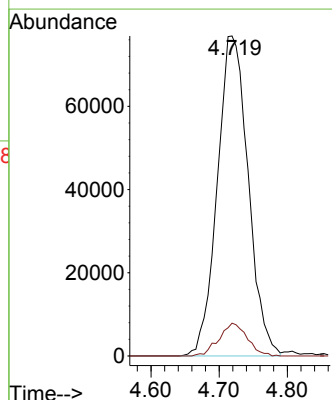
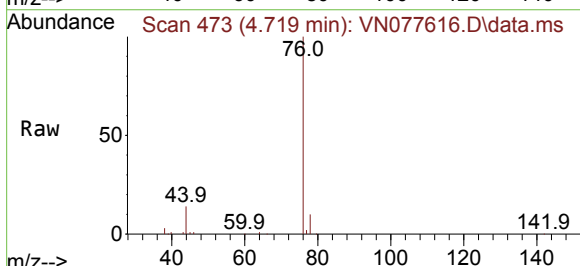
Acq: 08 May 2023 14:44

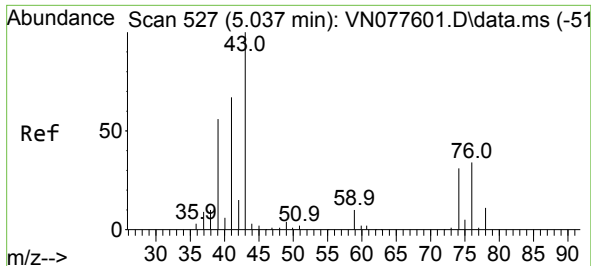
Tgt Ion: 76 Resp: 242489

Ion Ratio Lower Upper

76 100

78 10.2 7.6 11.4





#17

Allyl chloride

Concen: 17.507 ug/l

RT: 5.031 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

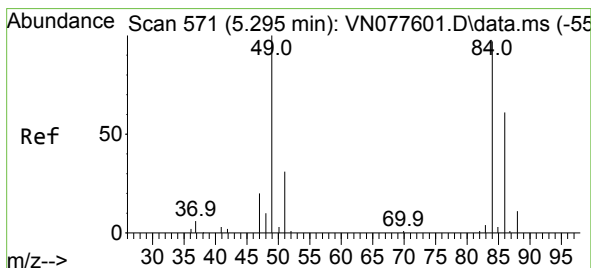
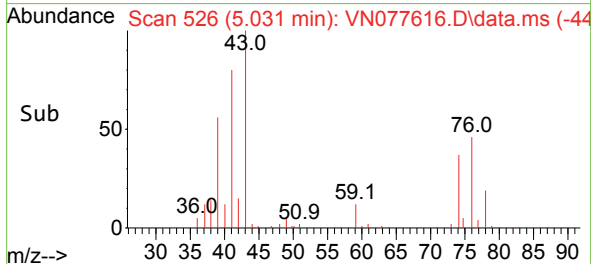
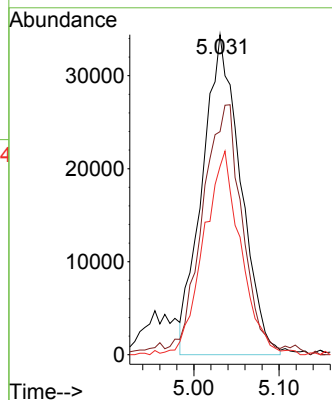
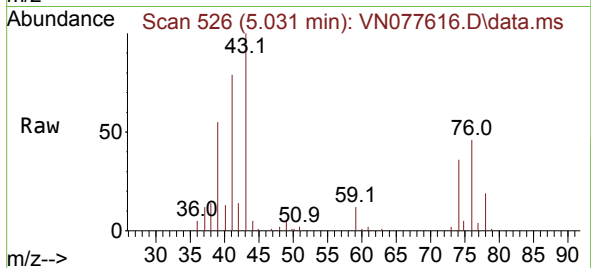
Tgt Ion: 41 Resp: 107285

Ion Ratio Lower Upper

41 100

39 68.7 39.5 118.3

76 58.5 23.4 70.3



#18

Methylene Chloride

Concen: 19.364 ug/l

RT: 5.289 min Scan# 570

Delta R.T. -0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Tgt Ion: 84 Resp: 138933

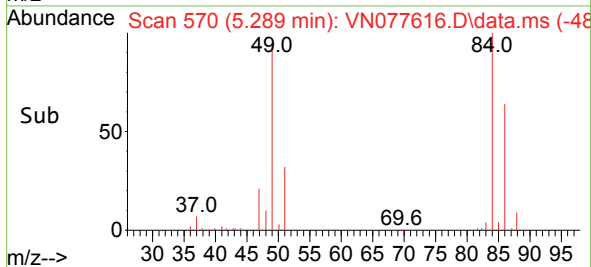
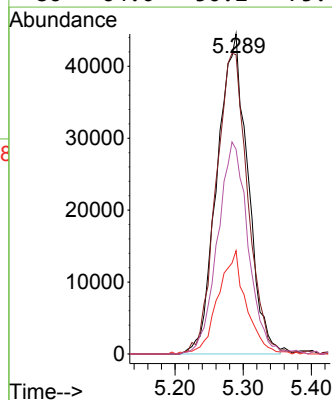
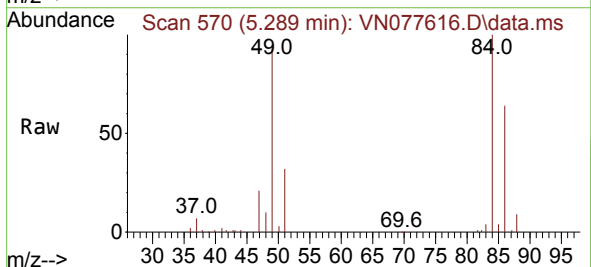
Ion Ratio Lower Upper

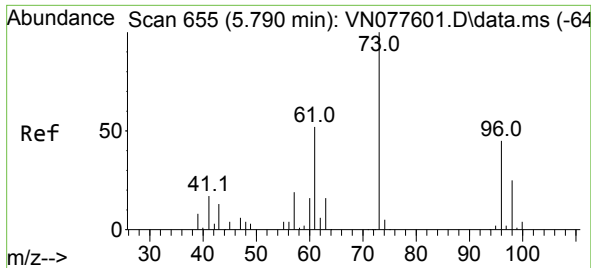
84 100

49 93.5 82.4 123.6

51 31.7 25.1 37.7

86 64.0 50.2 75.4

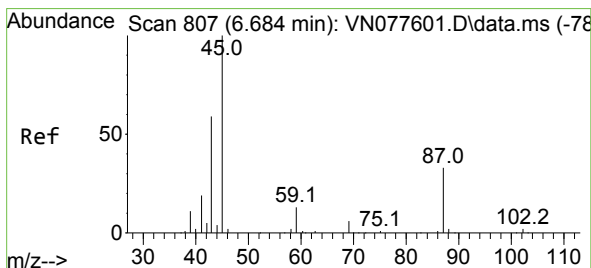
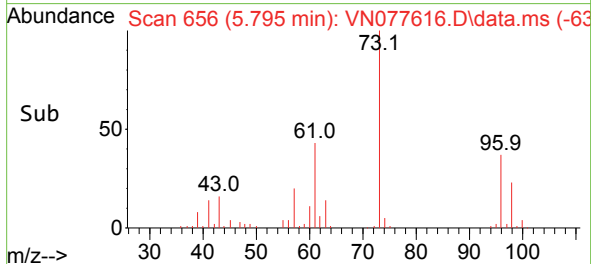
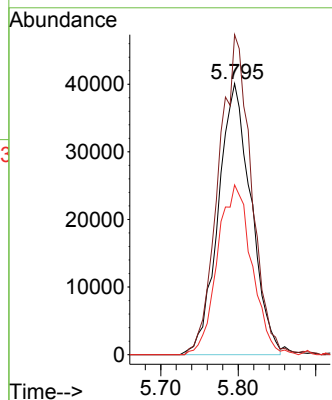
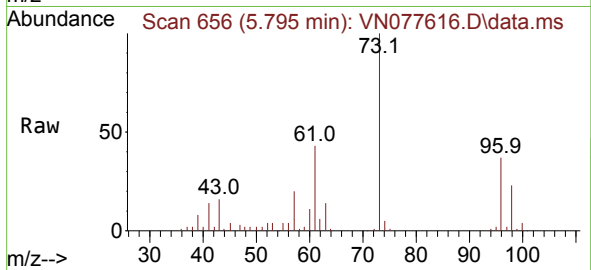




#19
trans-1,2-Dichloroethene
Concen: 17.756 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

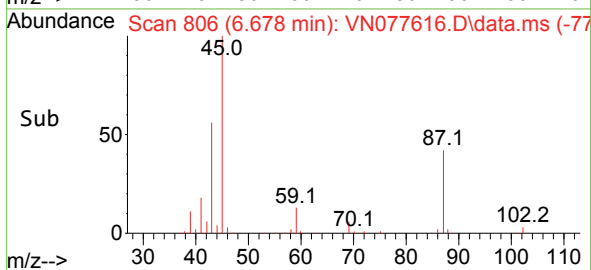
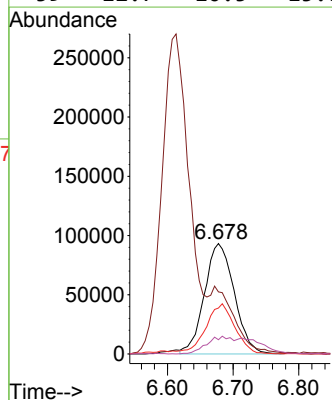
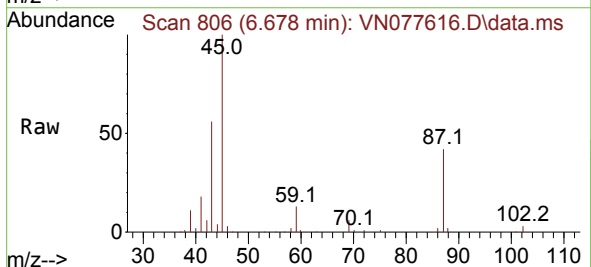
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

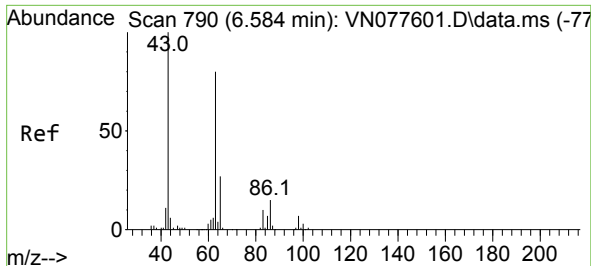
Tgt Ion: 96 Resp: 117924
Ion Ratio Lower Upper
96 100
61 118.1 92.4 138.6
98 62.7 44.8 67.2



#20
Diisopropyl ether
Concen: 19.808 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 45 Resp: 295215
Ion Ratio Lower Upper
45 100
43 55.0 47.1 70.7
87 41.4 26.2 39.2#
59 12.7 10.5 15.7





#21

1,1-Dichloroethane

Concen: 19.265 ug/l

RT: 6.572 min Scan# 790

Delta R.T. -0.012 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

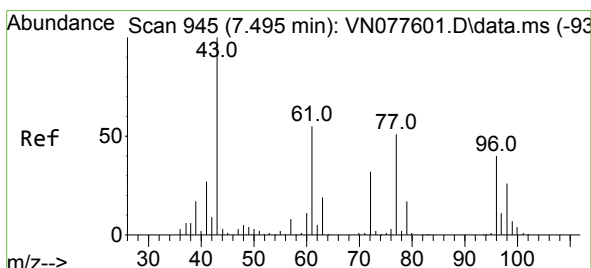
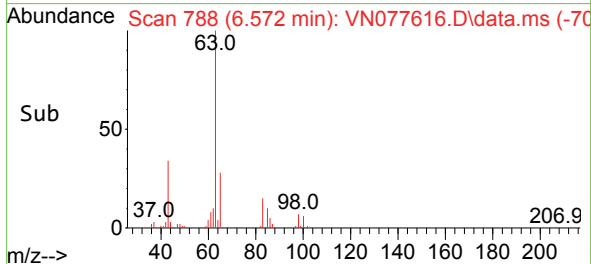
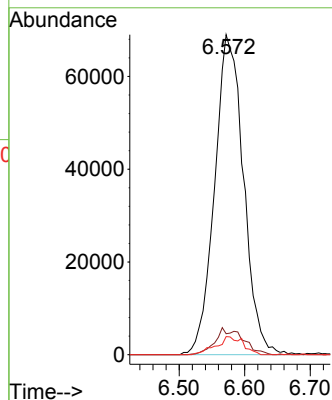
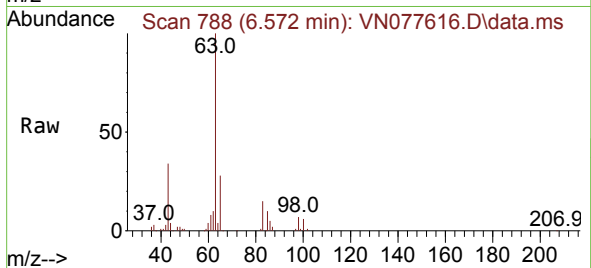
Tgt Ion: 63 Resp: 210615

Ion Ratio Lower Upper

63 100

98 6.6 4.3 13.1

100 5.7 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 19.937 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

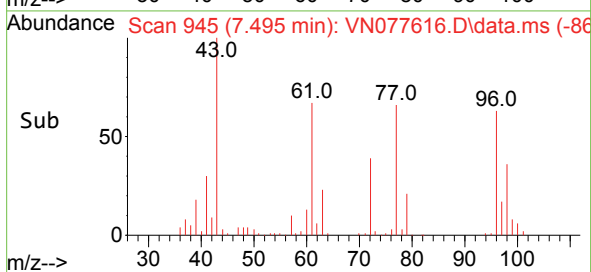
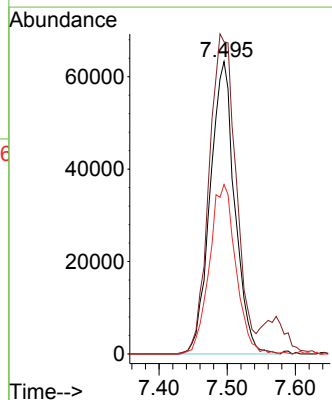
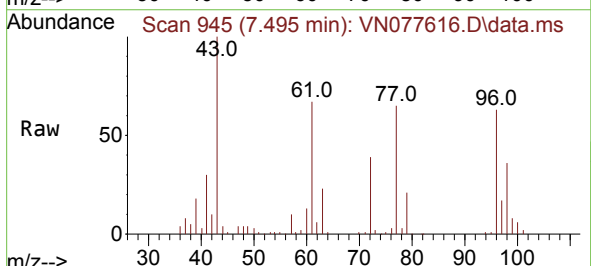
Tgt Ion: 96 Resp: 159548

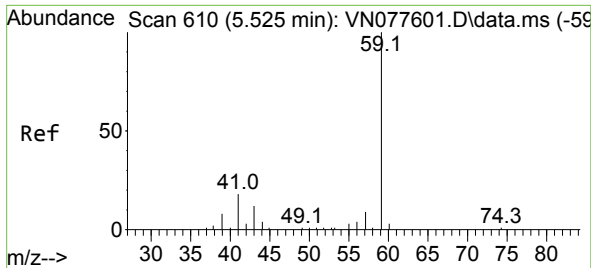
Ion Ratio Lower Upper

96 100

61 119.3 109.4 164.0

98 61.7 51.2 76.8

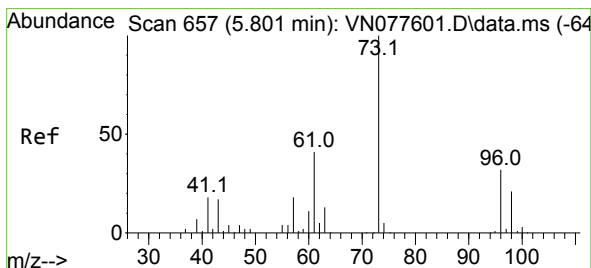
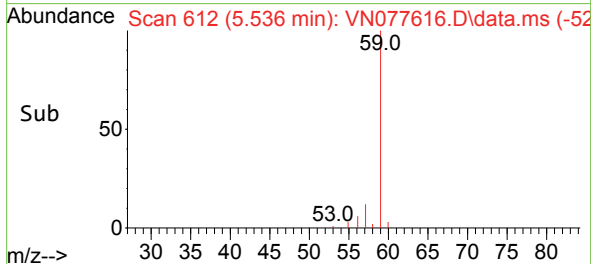
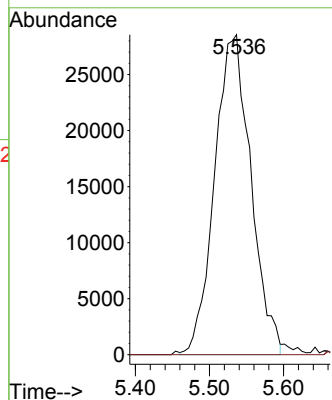
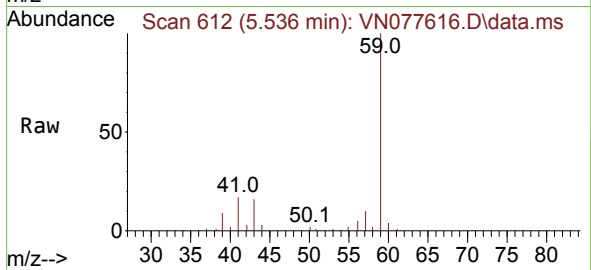




#23
tert-Butyl Alcohol
Concen: 114.258 ug/l
RT: 5.536 min Scan# 610
Delta R.T. 0.011 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

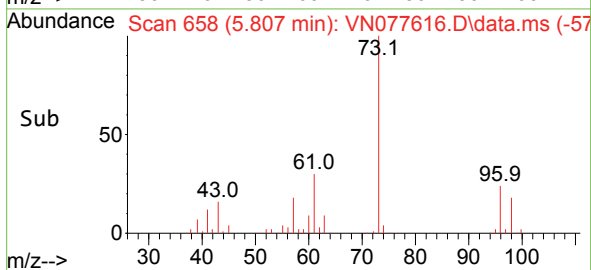
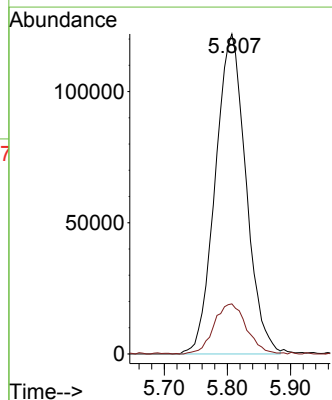
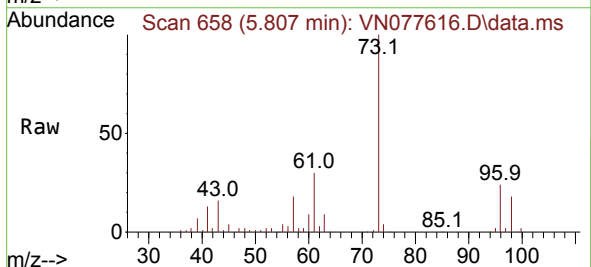
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

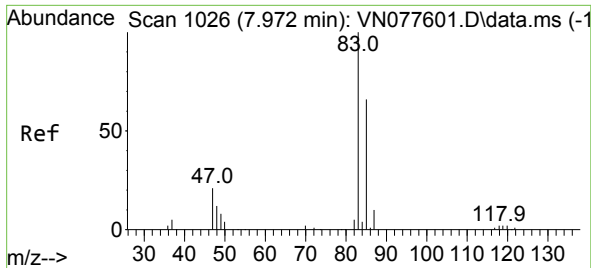
Tgt Ion: 59 Resp: 97162
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.596 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 73 Resp: 411563
Ion Ratio Lower Upper
73 100
43 16.6 14.3 21.5

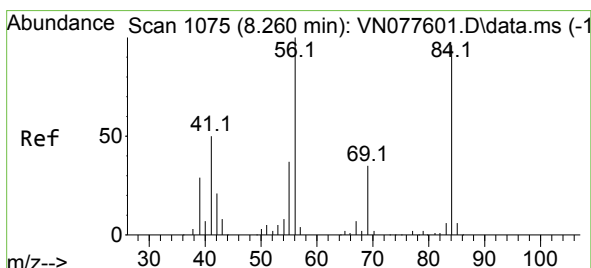
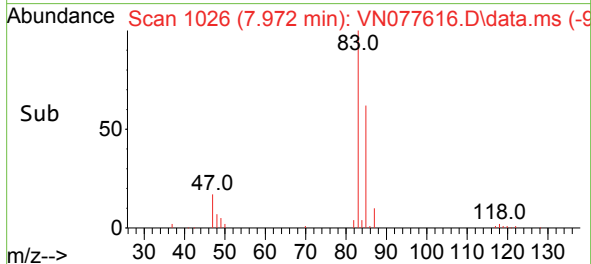
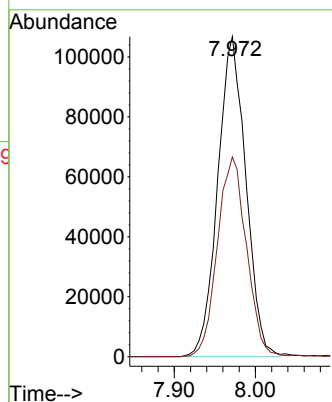
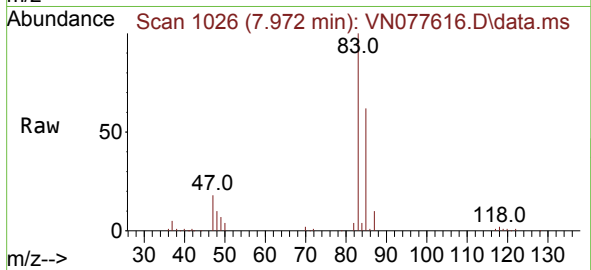




#25
Chloroform
Concen: 19.709 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

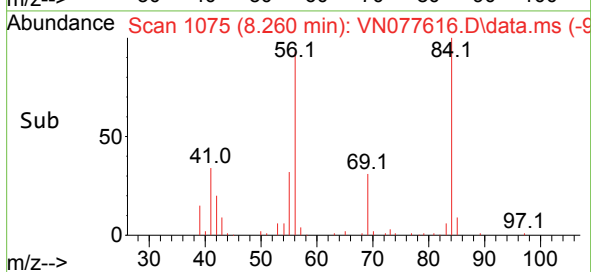
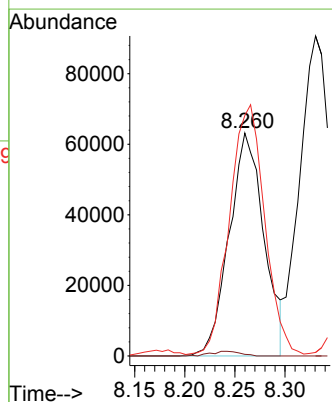
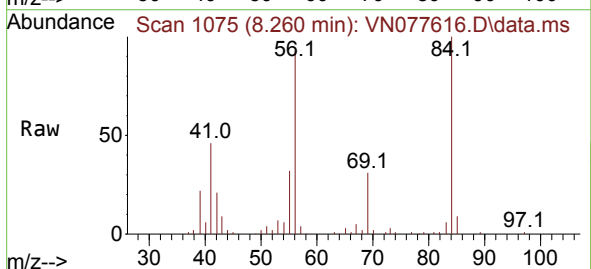
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

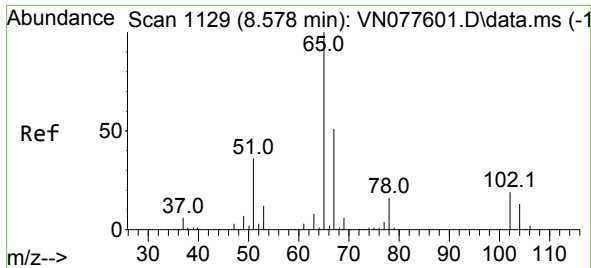
Tgt Ion: 83 Resp: 256825
Ion Ratio Lower Upper
83 100
85 62.4 53.0 79.6



#26
Cyclohexane
Concen: 17.015 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 56 Resp: 152704
Ion Ratio Lower Upper
56 100
89 1.3 0.0 0.0#
84 114.9 84.6 126.8

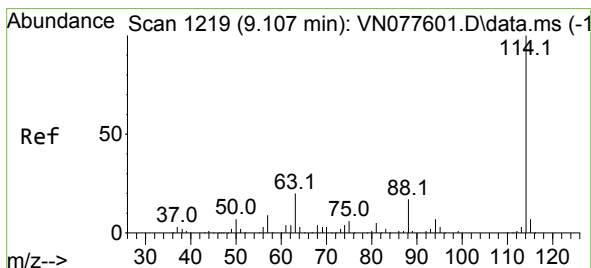
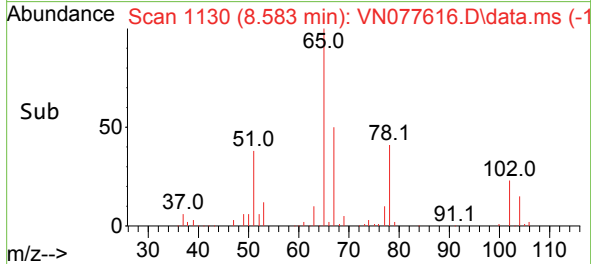
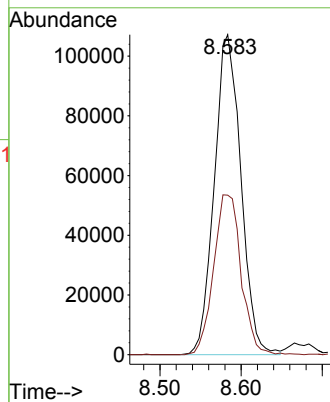
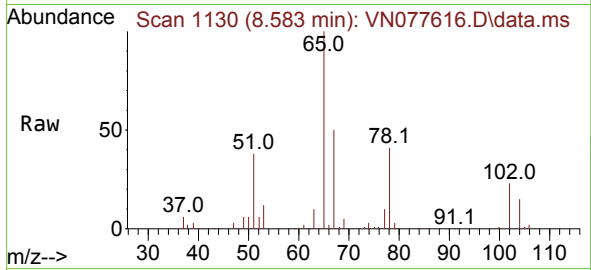




#27
1,2-Dichloroethane-d4
Concen: 30.650 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

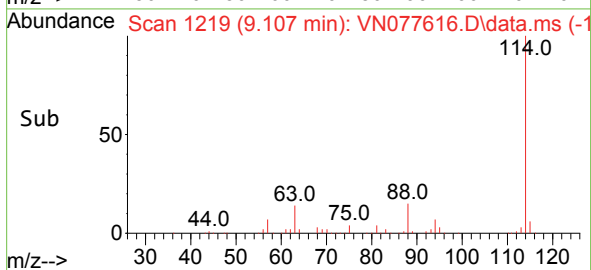
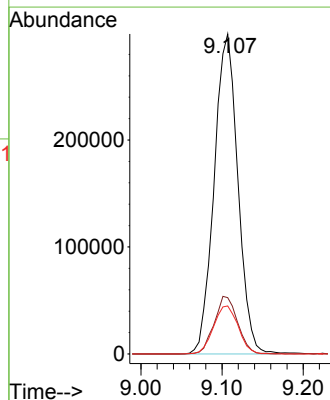
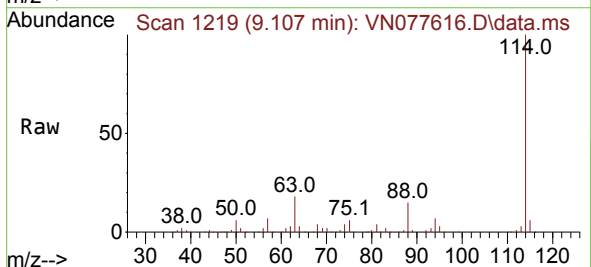
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

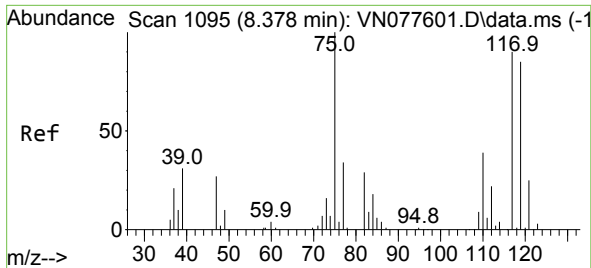
Tgt Ion: 65 Resp: 244225
Ion Ratio Lower Upper
65 100
67 51.4 41.3 61.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 114 Resp: 608193
Ion Ratio Lower Upper
114 100
63 17.7 15.8 23.6
88 15.6 13.0 19.4





#29

1,1-Dichloropropene

Concen: 18.362 ug/l

RT: 8.377 min Scan# 1095

Delta R.T. -0.001 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

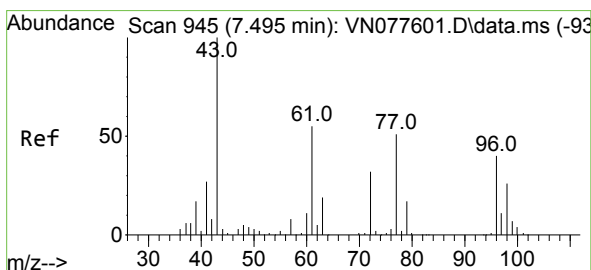
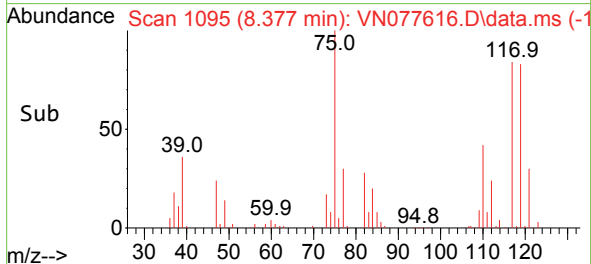
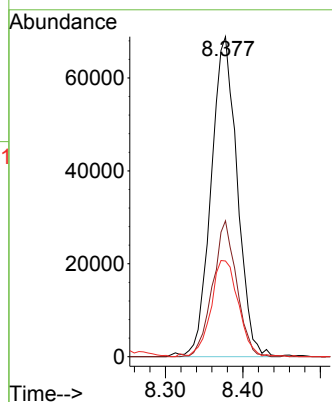
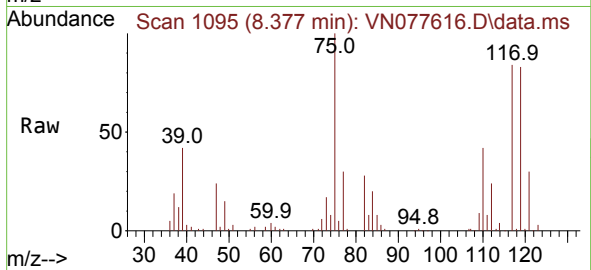
Tgt Ion: 75 Resp: 160765

Ion Ratio Lower Upper

75 100

110 39.0 0.0 69.8

77 31.2 0.0 61.4



#30

2-Butanone

Concen: 119.751 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

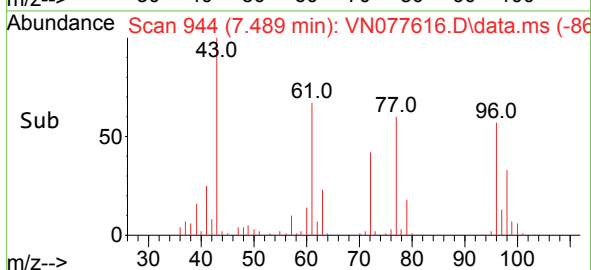
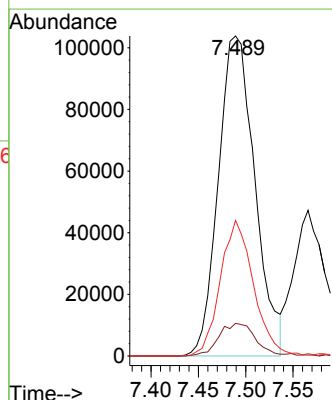
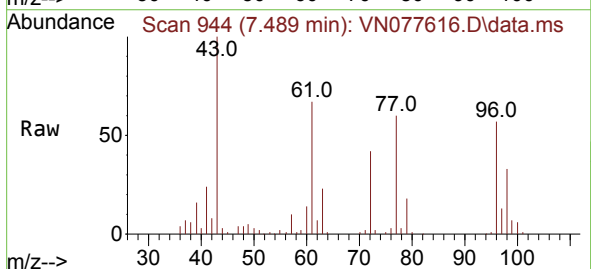
Tgt Ion: 43 Resp: 279473

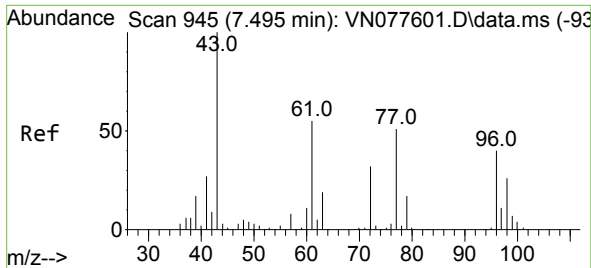
Ion Ratio Lower Upper

43 100

57 10.1 7.2 10.8

72 38.5 26.2 39.2

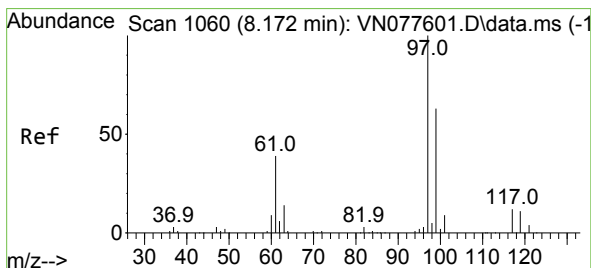
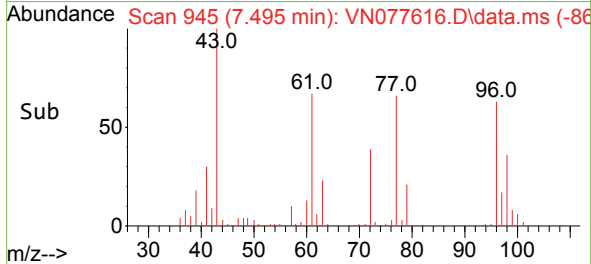
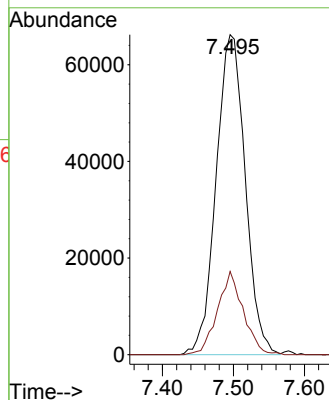
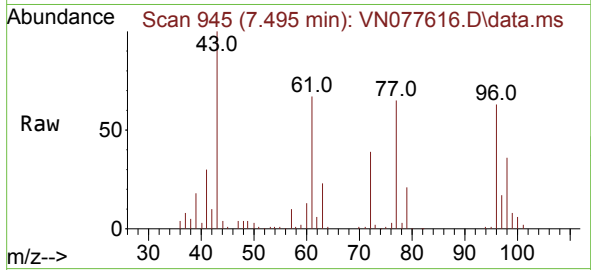




#31
2,2-Dichloropropane
Concen: 18.468 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

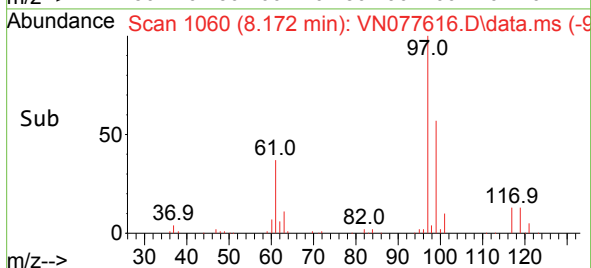
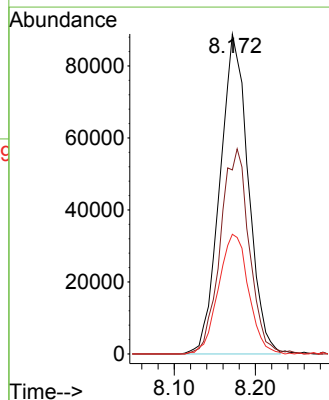
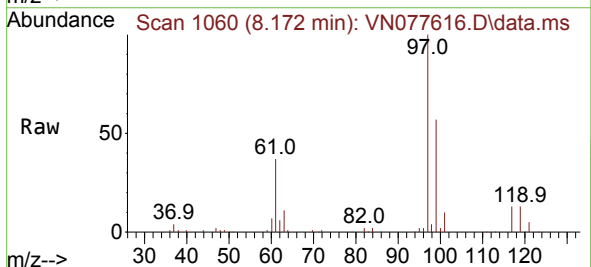
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

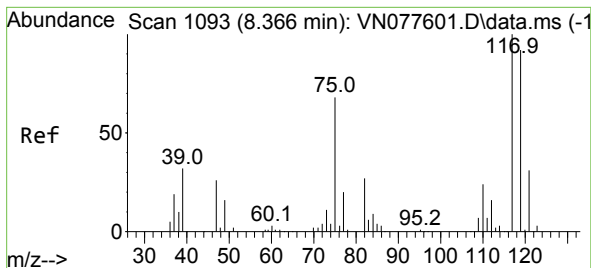
Tgt Ion: 77 Resp: 188384
Ion Ratio Lower Upper
77 100
97 22.9 19.1 28.7



#32
1,1,1-Trichloroethane
Concen: 19.039 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 97 Resp: 215736
Ion Ratio Lower Upper
97 100
99 65.2 53.1 79.7
61 39.7 35.1 52.7





#33

Carbon Tetrachloride

Concen: 19.051 ug/l

RT: 8.366 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

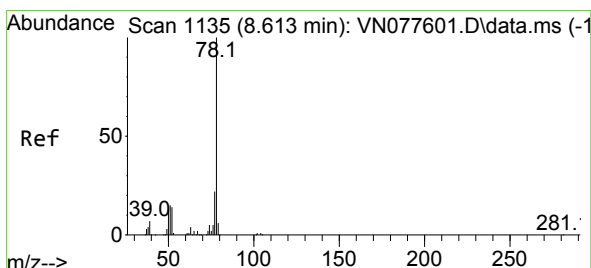
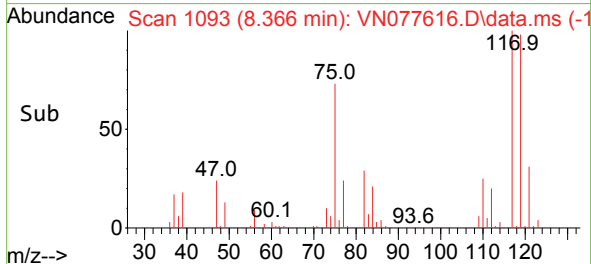
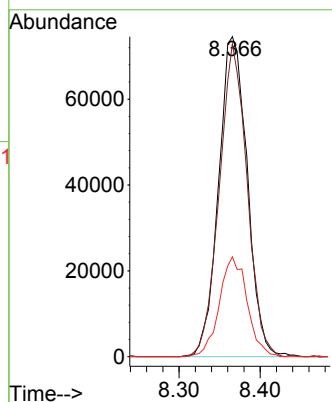
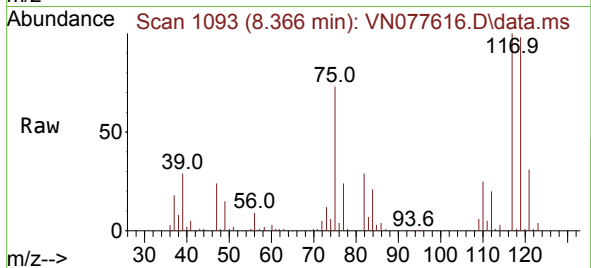
Tgt Ion:117 Resp: 182555

Ion Ratio Lower Upper

117 100

119 97.7 73.9 110.9

121 31.2 25.0 37.4



#34

Benzene

Concen: 20.352 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

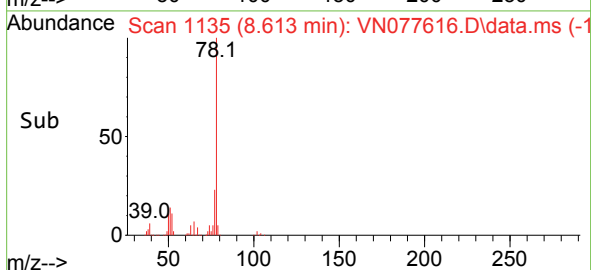
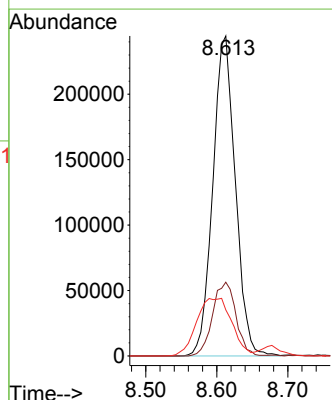
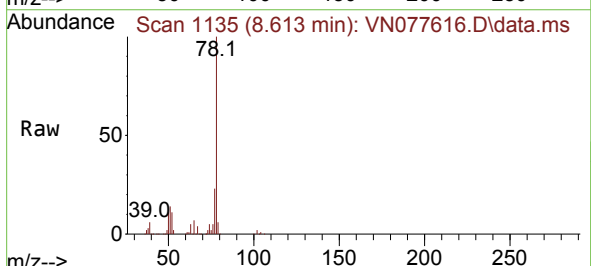
Tgt Ion: 78 Resp: 538050

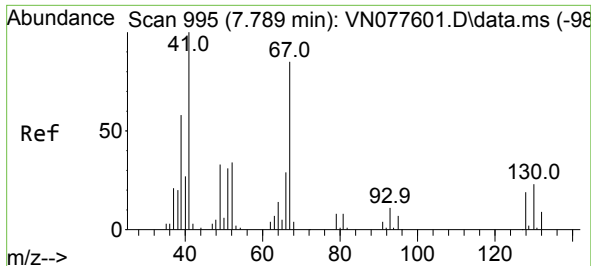
Ion Ratio Lower Upper

78 100

77 23.0 17.2 25.8

51 13.1 12.3 18.5

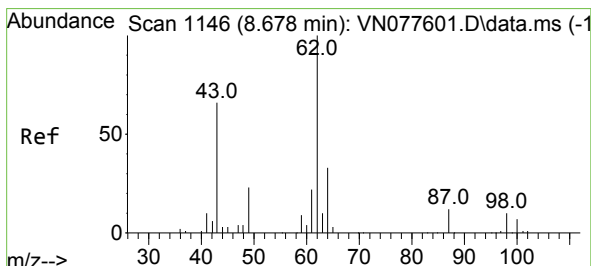
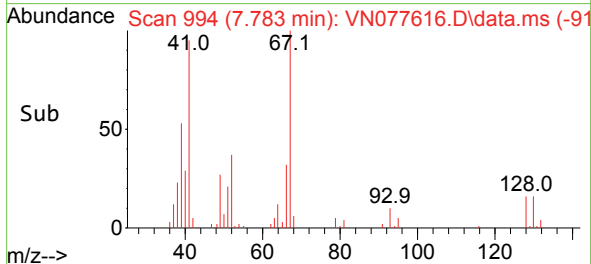
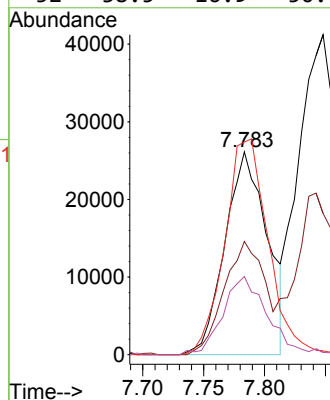
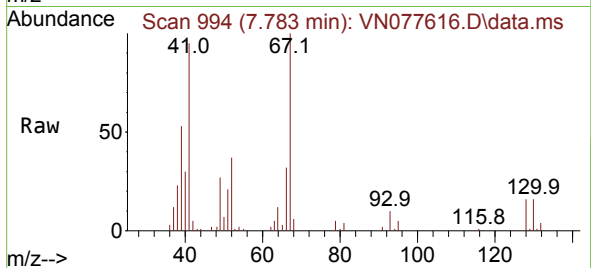




#35
Methacrylonitrile
Concen: 23.799 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

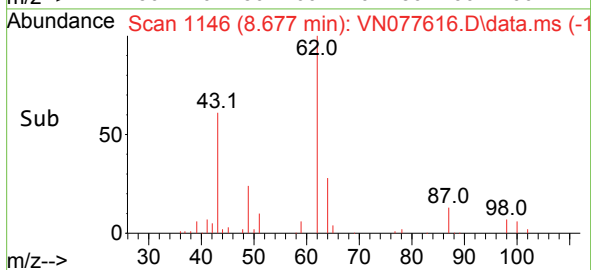
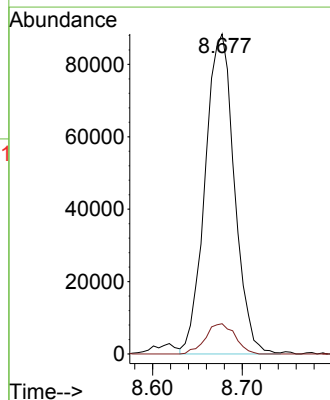
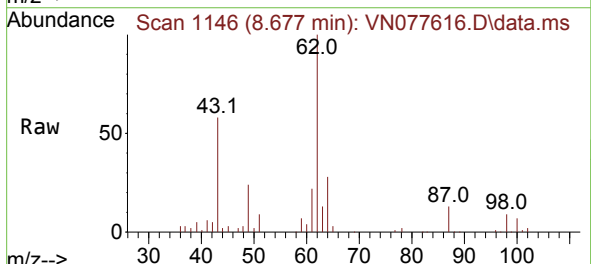
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

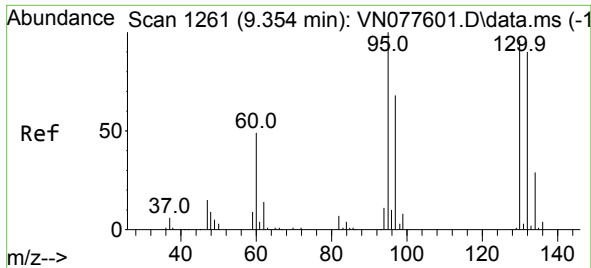
Tgt Ion:	41	Resp:	63044
Ion	Ratio	Lower	Upper
41	100		
39	55.8	28.7	86.3
67	104.8	42.7	128.1
52	38.5	16.9	50.7



#36
1,2-Dichloroethane
Concen: 22.738 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion:	62	Resp:	200413
Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.6	11.4





#37

Trichloroethene

Concen: 19.071 ug/l

RT: 9.354 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

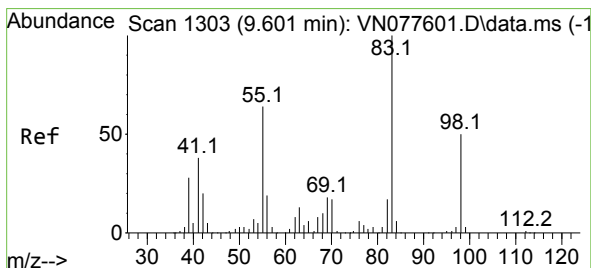
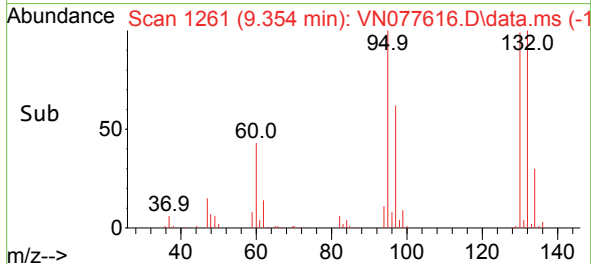
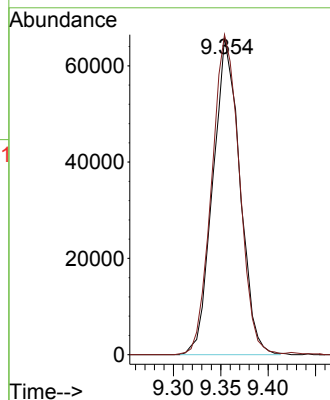
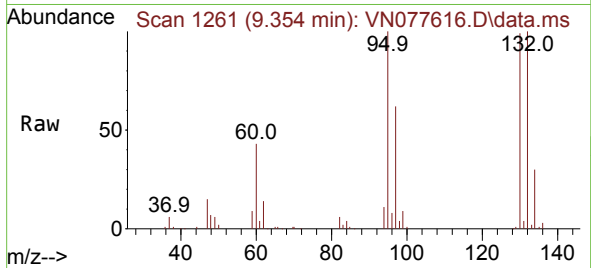
VN0508WBSD01

Tgt Ion:130 Resp: 130334

Ion Ratio Lower Upper

130 100

95 100.4 83.0 124.6



#38

Methylcyclohexane

Concen: 18.512 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

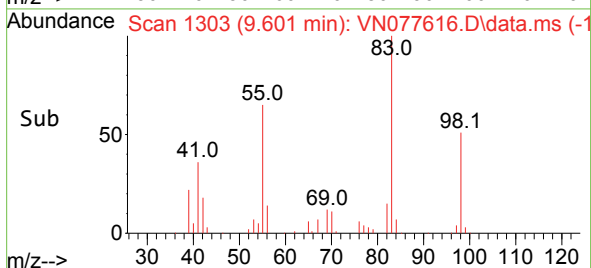
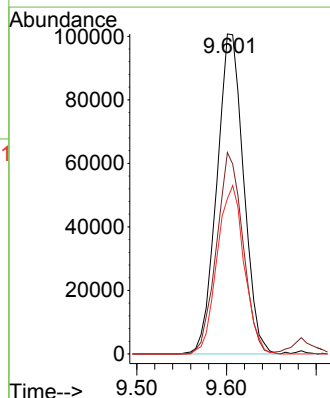
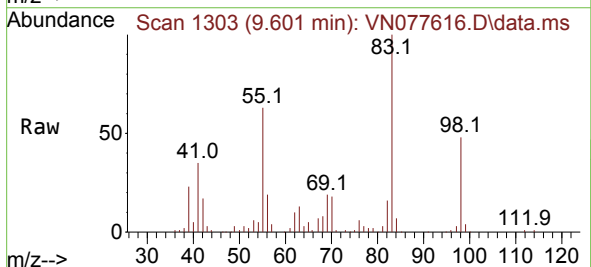
Tgt Ion: 83 Resp: 208693

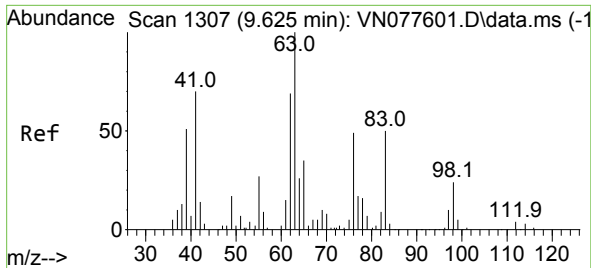
Ion Ratio Lower Upper

83 100

55 62.0 33.6 100.8

98 53.2 25.3 75.8





#39

1,2-Dichloropropane

Concen: 21.365 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

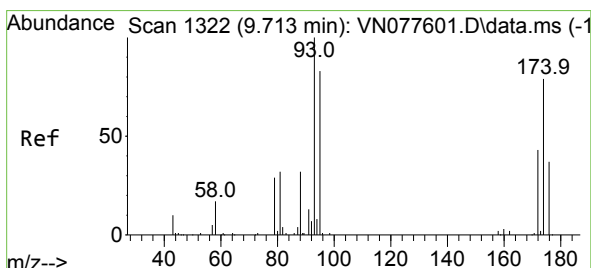
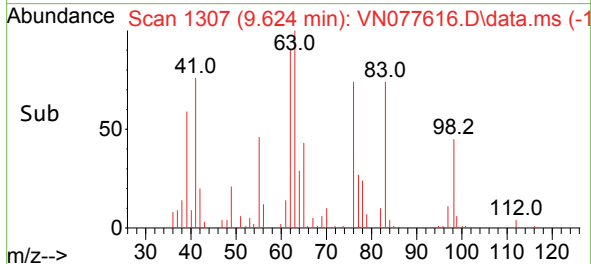
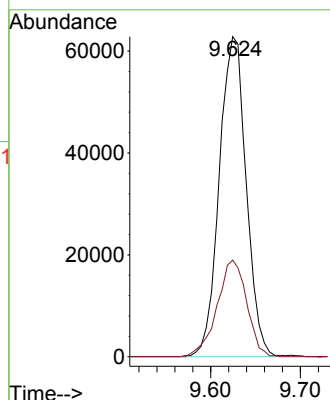
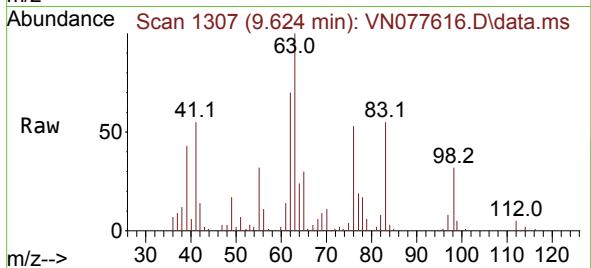
VN0508WBSD01

Tgt Ion: 63 Resp: 130772

Ion Ratio Lower Upper

63 100

65 30.2 28.2 42.4



#40

Dibromomethane

Concen: 21.502 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

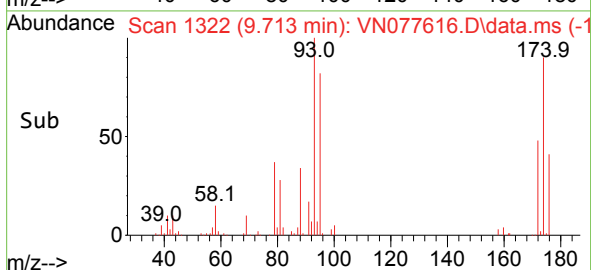
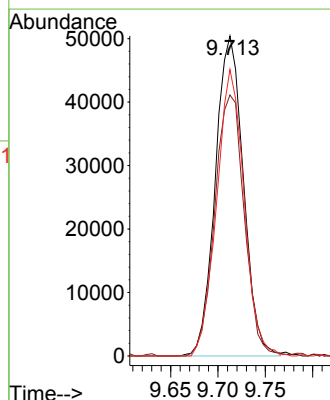
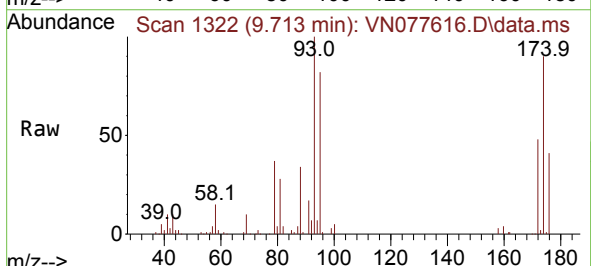
Tgt Ion: 93 Resp: 103758

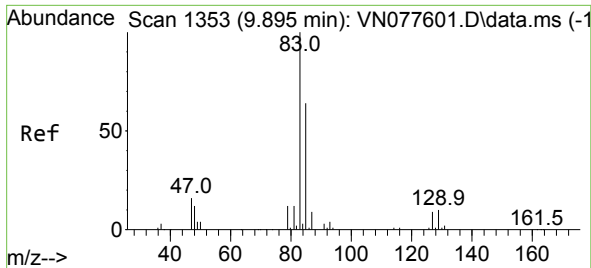
Ion Ratio Lower Upper

93 100

95 85.6 0.0 164.0

174 87.7 0.0 157.0

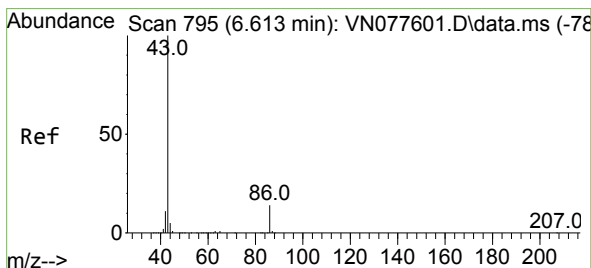
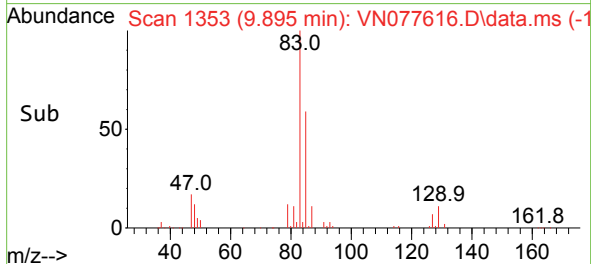
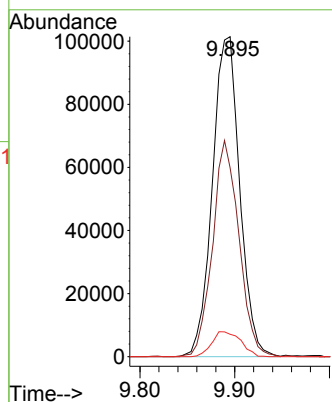
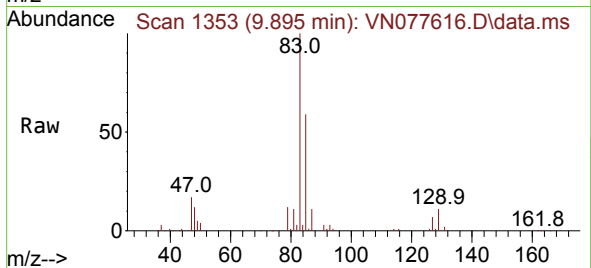




#41
Bromodichloromethane
Concen: 20.914 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

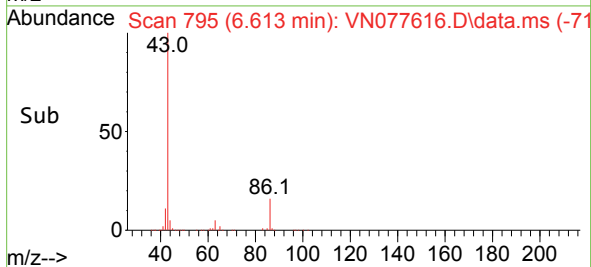
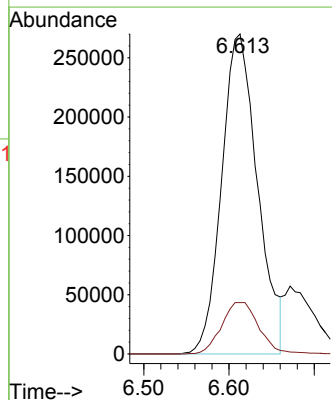
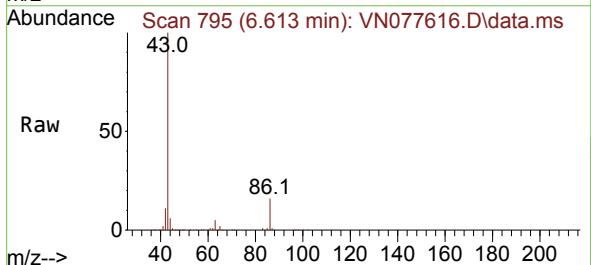
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

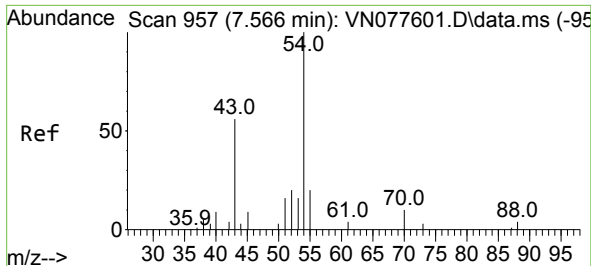
Tgt Ion: 83 Resp: 203218
Ion Ratio Lower Upper
83 100
85 59.0 51.2 76.8
127 7.0 7.3 10.9#



#42
Vinyl Acetate
Concen: 91.451 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 43 Resp: 791693
Ion Ratio Lower Upper
43 100
86 16.8 10.3 15.5#

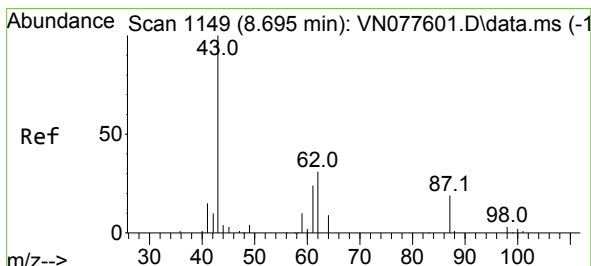
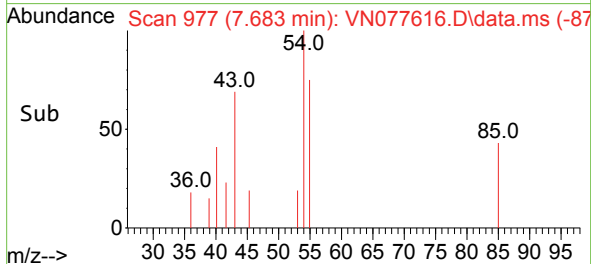
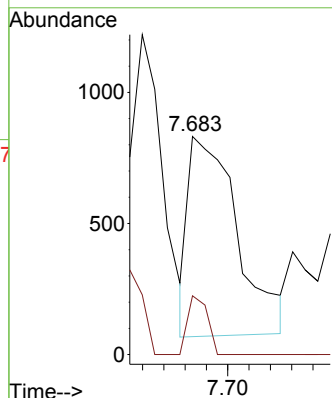
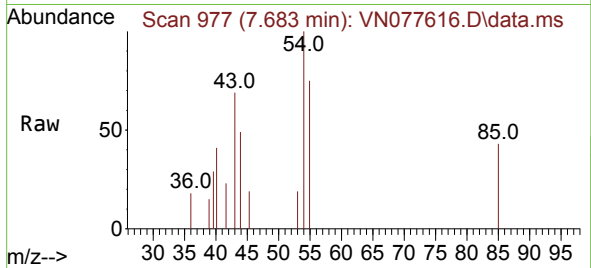




#43
Ethyl Acetate
Concen: 0.244 ug/l
RT: 7.683 min Scan# 911
Delta R.T. 0.117 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

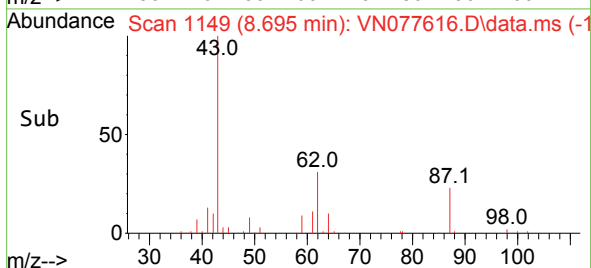
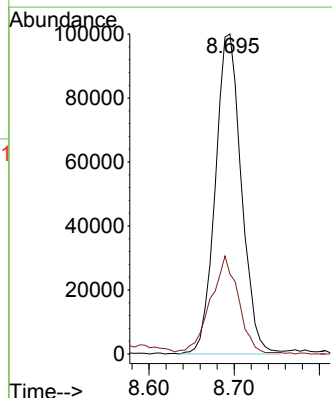
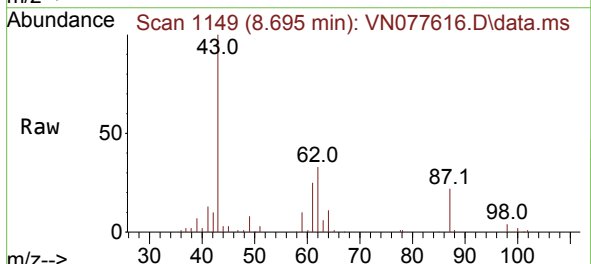
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

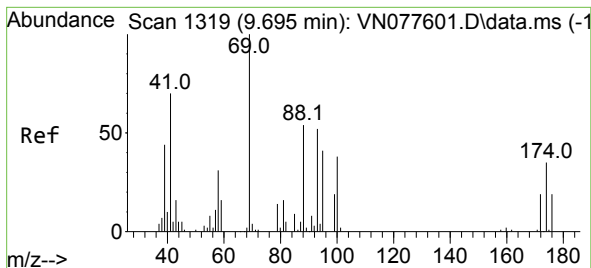
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
45 11.9 8.2 12.4



#44
Isopropyl Acetate
Concen: 23.176 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 43 Resp: 212831
Ion Ratio Lower Upper
43 100
61 33.0 23.2 34.8





#45

1,4-Dioxane

Concen: 501.727 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

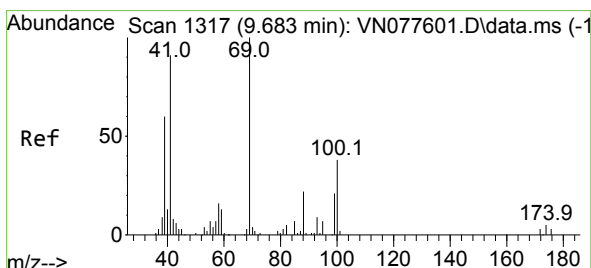
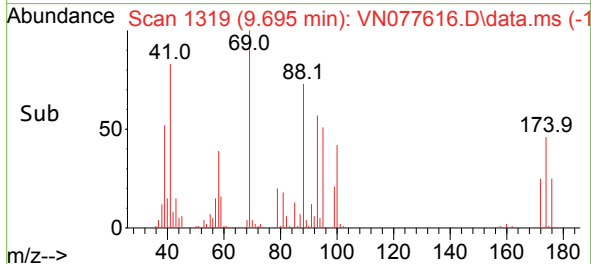
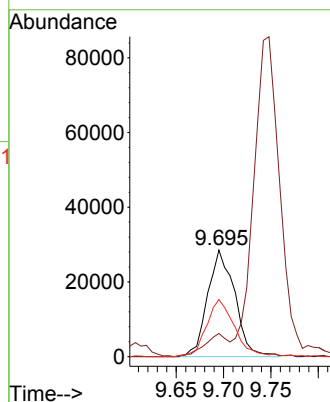
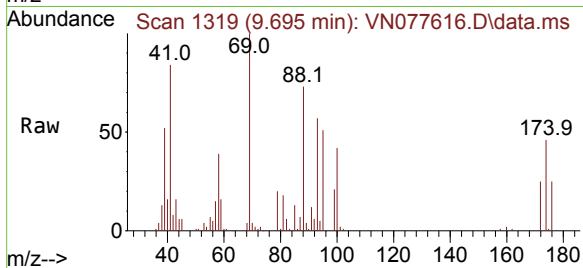
Tgt Ion: 88 Resp: 57274

Ion Ratio Lower Upper

88 100

43 18.6 18.2 27.2

58 54.6 47.5 71.3



#46

Methyl methacrylate

Concen: 22.444 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

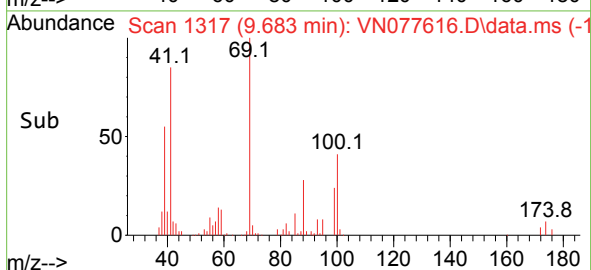
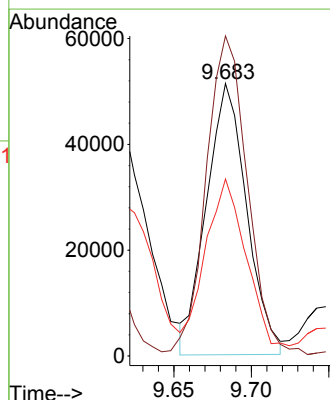
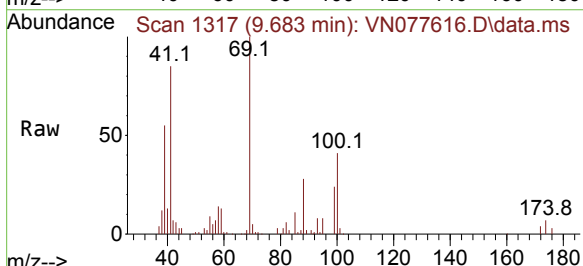
Tgt Ion: 41 Resp: 92565

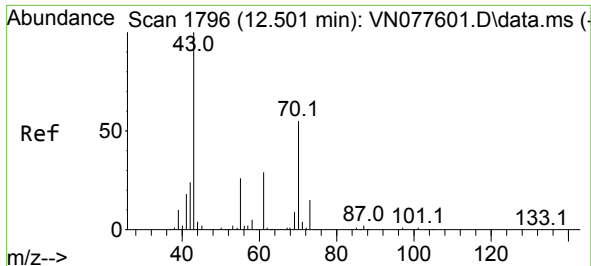
Ion Ratio Lower Upper

41 100

69 119.6 52.0 156.0

39 63.6 33.6 100.6





#47

n-amy1 Acetate

Concen: 21.822 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

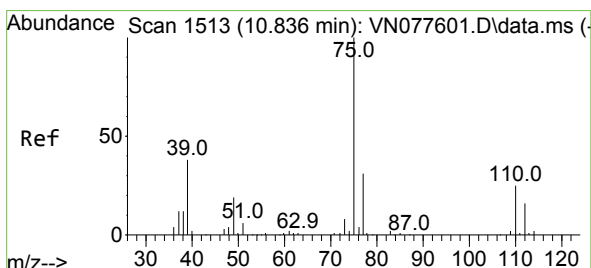
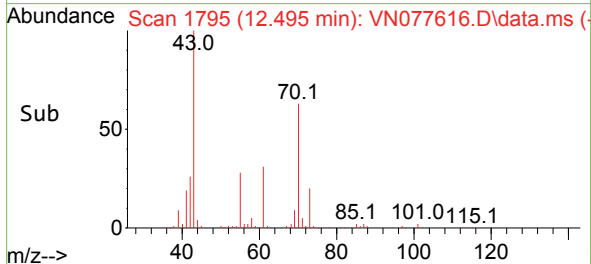
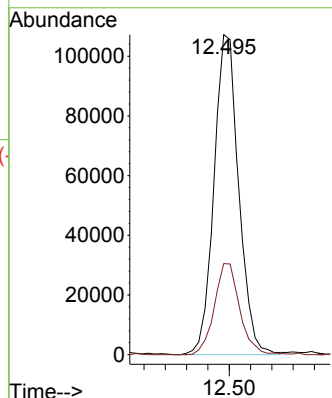
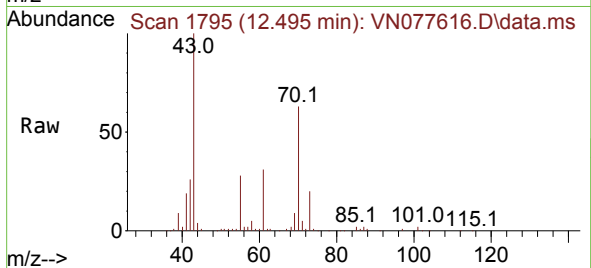
VN0508WBSD01

Tgt Ion: 43 Resp: 172595

Ion Ratio Lower Upper

43 100

55 29.3 21.4 32.0



#48

t-1,3-Dichloropropene

Concen: 21.220 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN077616.D

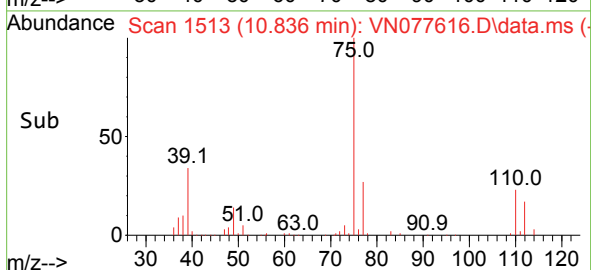
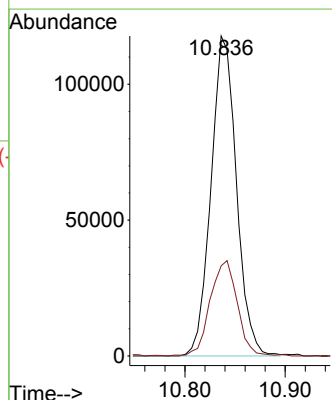
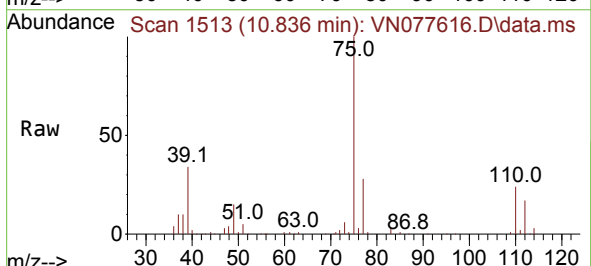
Acq: 08 May 2023 14:44

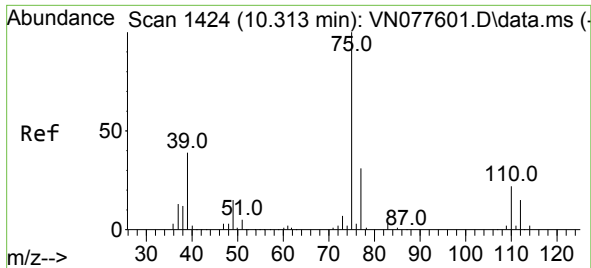
Tgt Ion: 75 Resp: 207869

Ion Ratio Lower Upper

75 100

77 27.9 25.1 37.7

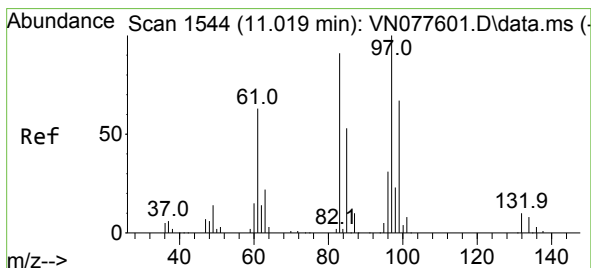
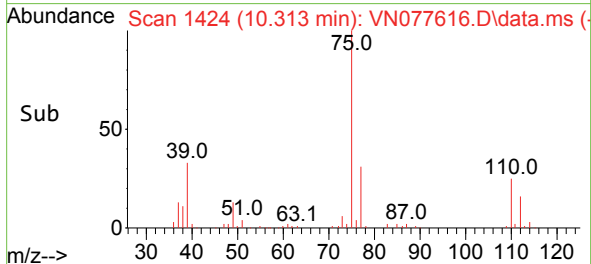
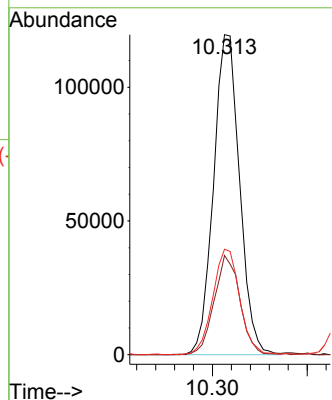
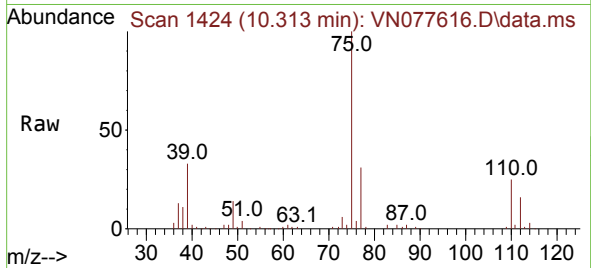




#49
 cis-1,3-Dichloropropene
 Concen: 21.272 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

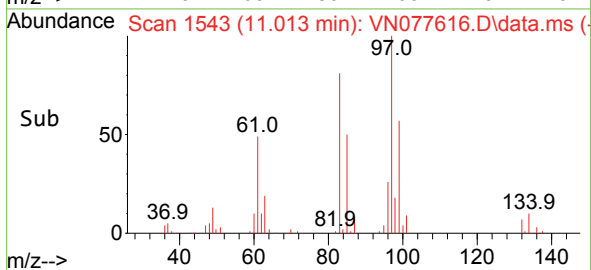
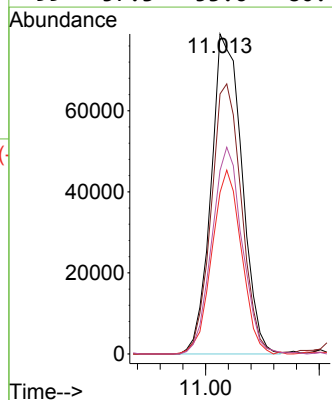
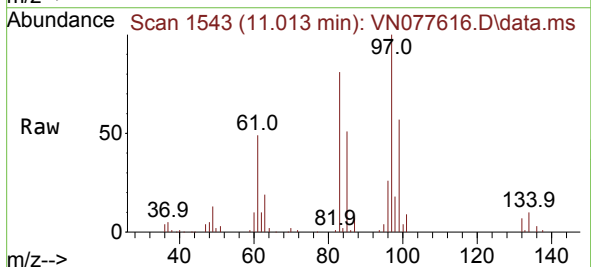
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01

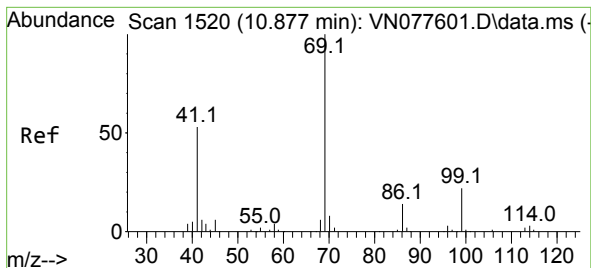
Tgt Ion:	75	Resp:	228397
Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.7	37.1
39	32.8	31.0	46.6



#50
 1,1,2-Trichloroethane
 Concen: 21.415 ug/l
 RT: 11.013 min Scan# 1543
 Delta R.T. -0.006 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

Tgt Ion:	97	Resp:	148817
Ion	Ratio	Lower	Upper
97	100		
83	81.0	72.6	108.8
85	50.2	42.6	63.8
99	57.3	53.6	80.4





#51

Ethyl methacrylate

Concen: 22.423 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

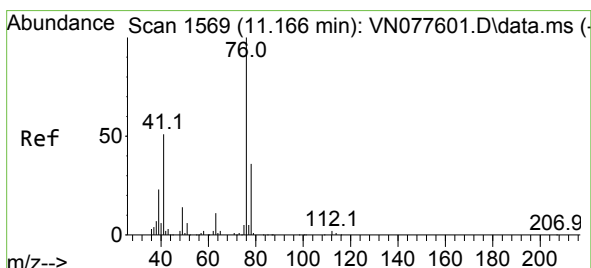
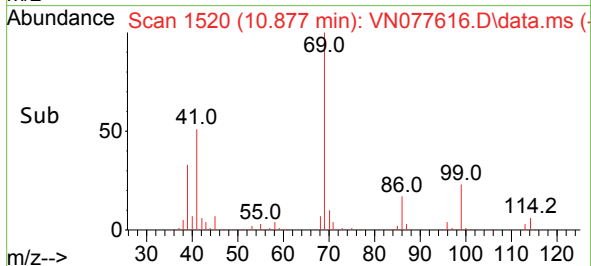
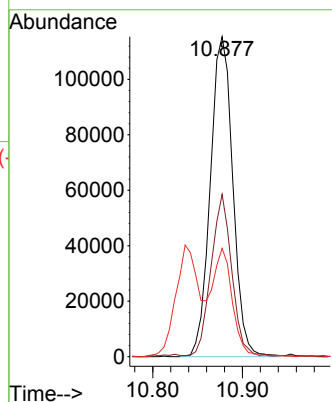
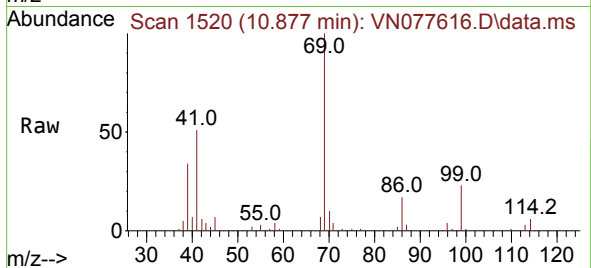
Tgt Ion: 69 Resp: 201154

Ion Ratio Lower Upper

69 100

41 50.4 26.3 78.9

39 33.5 18.1 54.1



#52

1,3-Dichloropropane

Concen: 21.814 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077616.D

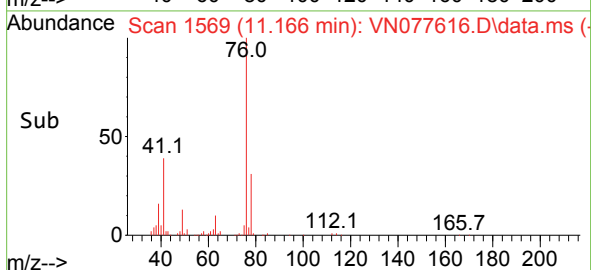
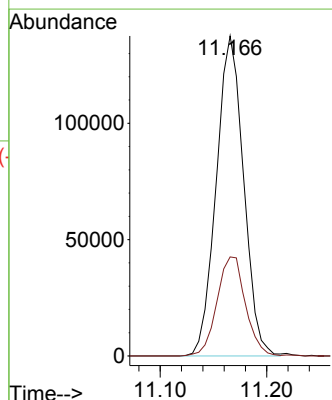
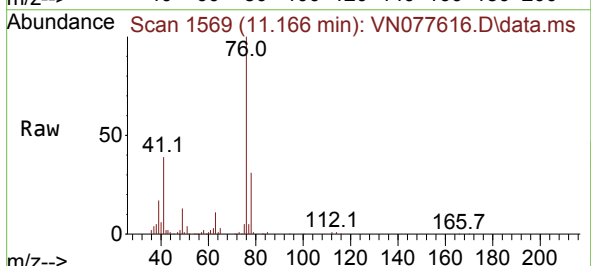
Acq: 08 May 2023 14:44

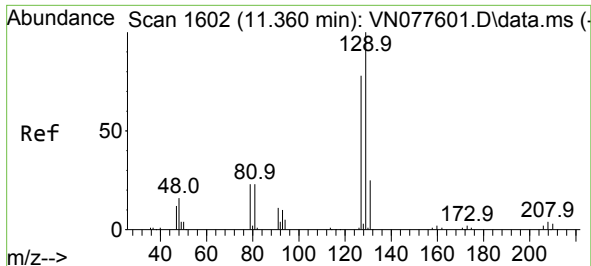
Tgt Ion: 76 Resp: 245104

Ion Ratio Lower Upper

76 100

78 32.2 0.0 66.4

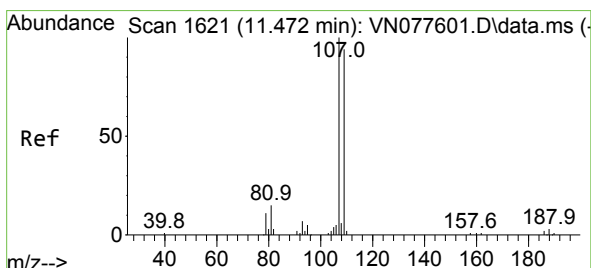
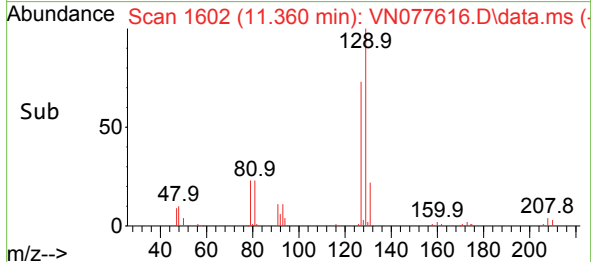
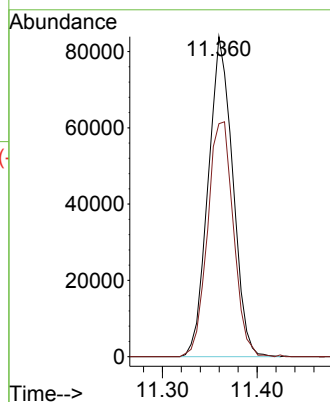
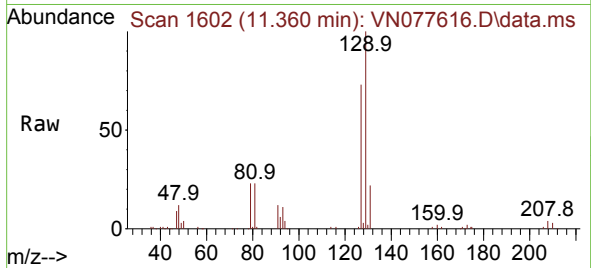




#53
Dibromochloromethane
Concen: 20.928 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

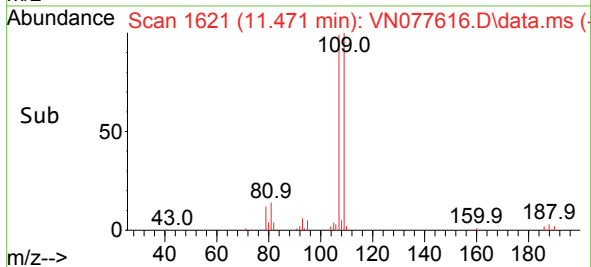
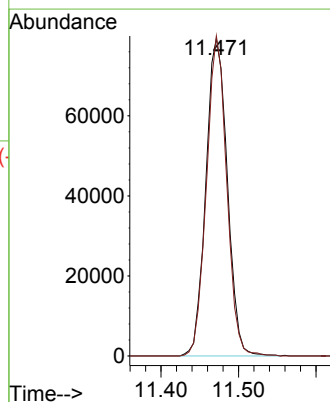
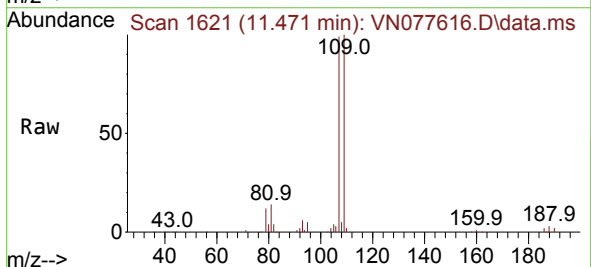
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

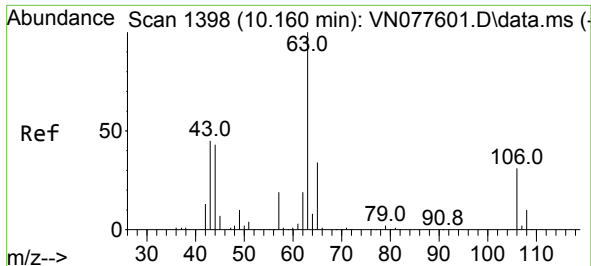
Tgt Ion:129 Resp: 151310
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.1



#54
1,2-Dibromoethane
Concen: 22.089 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion:107 Resp: 152477
Ion Ratio Lower Upper
107 100
109 95.1 77.4 116.2

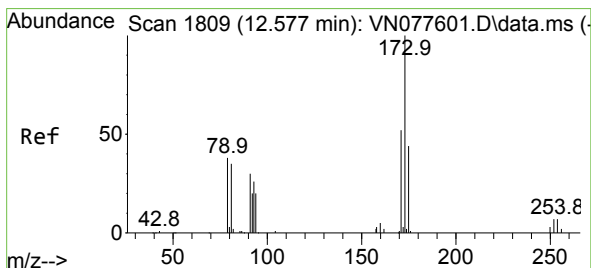
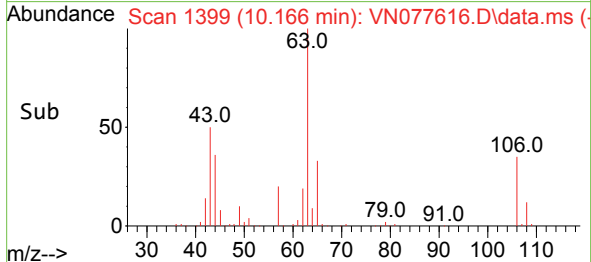
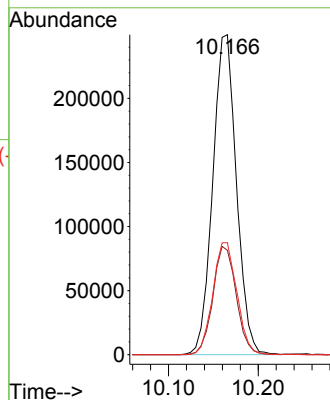
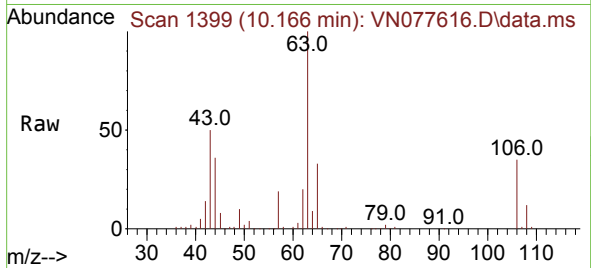




#55
2-Chloroethyl vinyl ether
Concen: 112.763 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

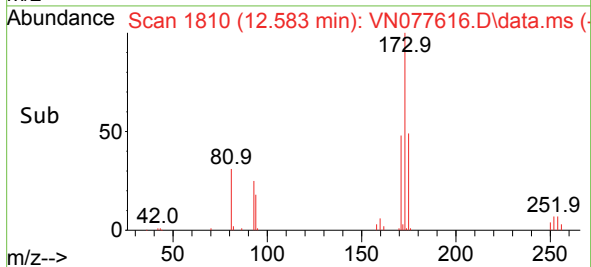
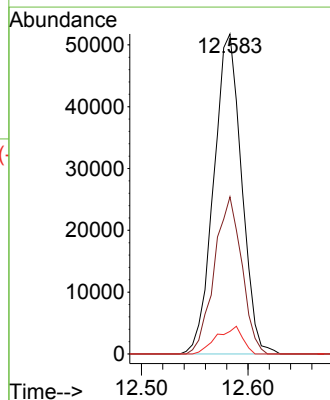
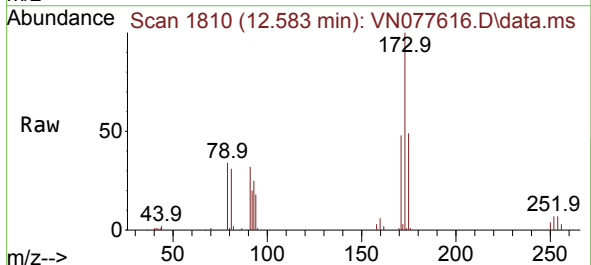
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

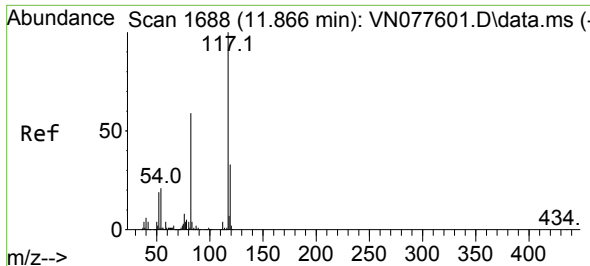
Tgt Ion: 63 Resp: 457439
Ion Ratio Lower Upper
63 100
65 33.4 26.8 40.2
106 35.6 25.6 38.4



#56
Bromoform
Concen: 22.091 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 173 Resp: 93982
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.2
254 8.0 5.8 8.6

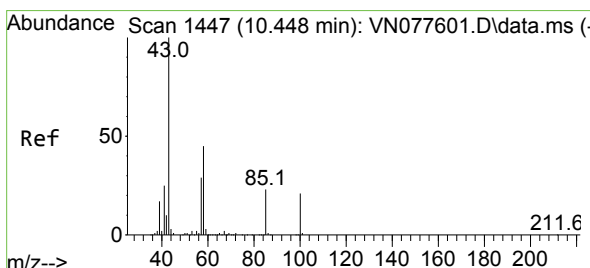
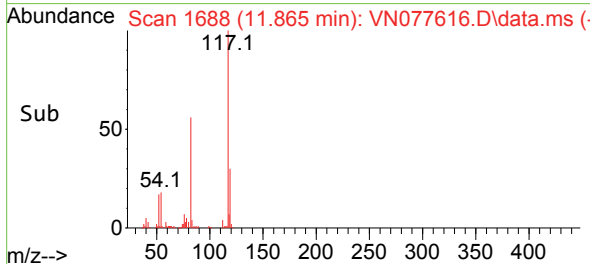
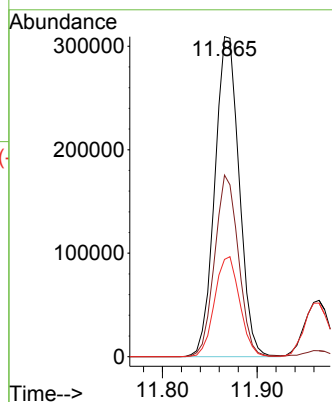
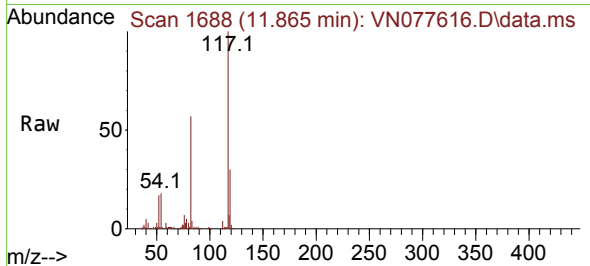




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

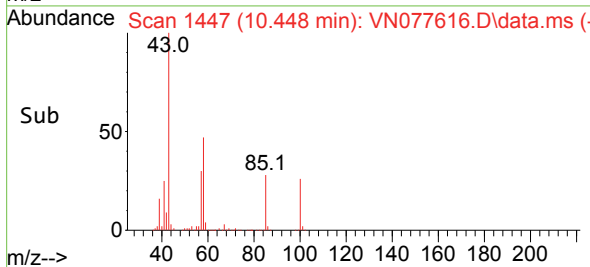
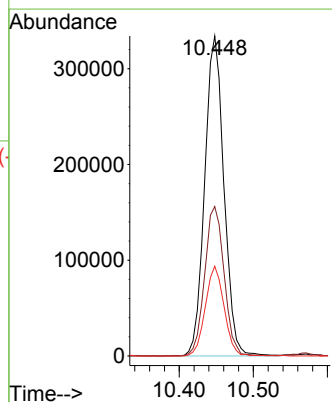
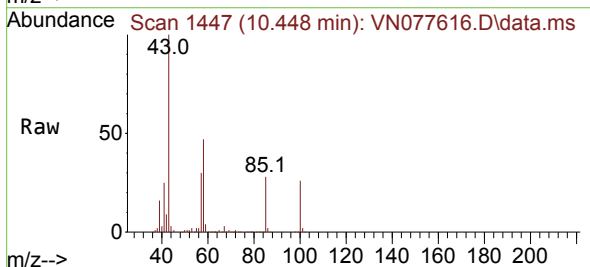
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

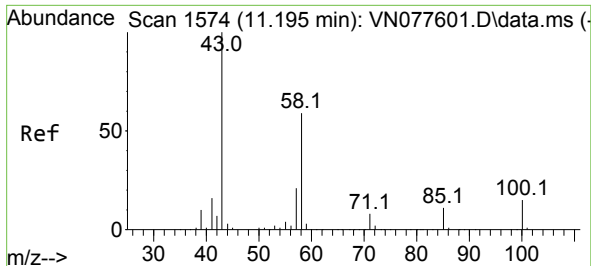
Tgt Ion:117 Resp: 553879
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 32.3 26.6 39.8



#58
4-Methyl-2-Pentanone
Concen: 118.196 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 43 Resp: 602873
Ion Ratio Lower Upper
43 100
58 47.1 35.4 53.2
85 27.3 18.2 27.2#

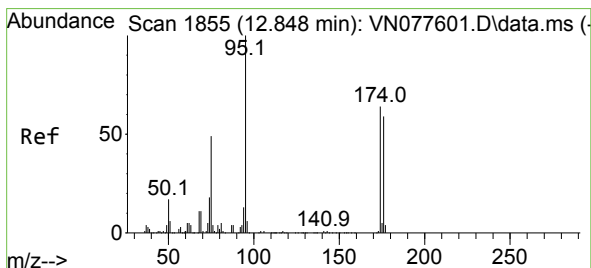
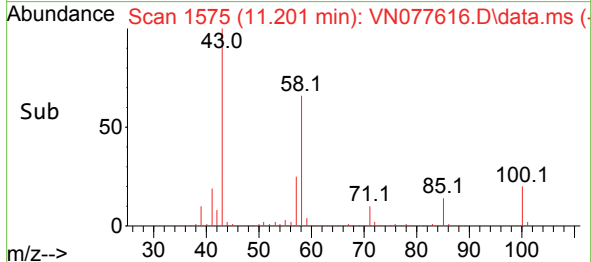
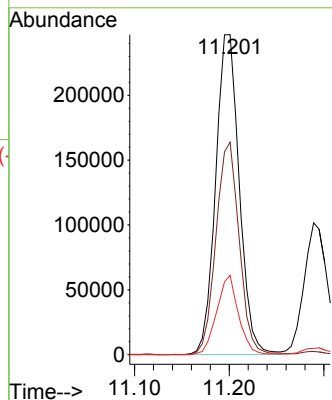
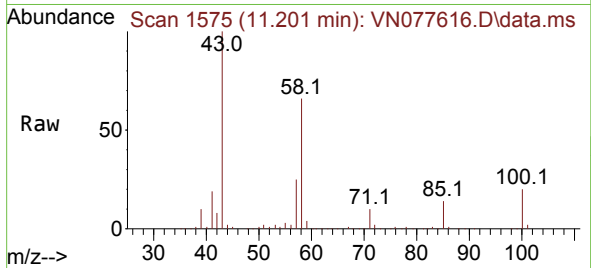




#59
2-Hexanone
Concen: 116.284 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

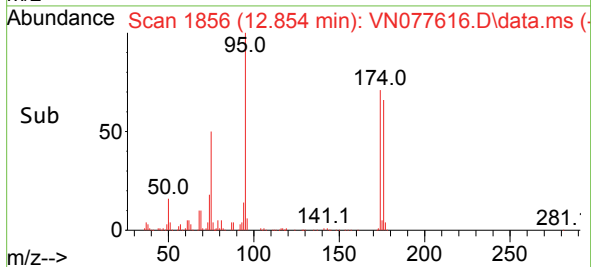
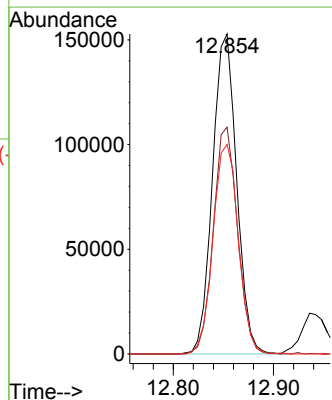
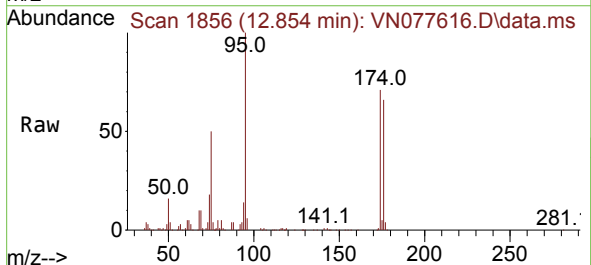
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

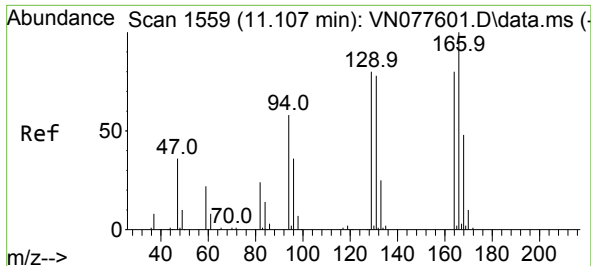
Tgt Ion: 43 Resp: 428153
Ion Ratio Lower Upper
43 100
58 65.2 48.2 72.2
57 22.8 17.3 25.9



#60
4-Bromofluorobenzene
Concen: 29.034 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 95 Resp: 255703
Ion Ratio Lower Upper
95 100
174 71.1 53.4 80.0
176 68.4 50.0 75.0

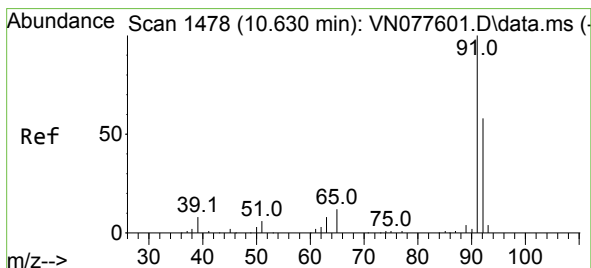
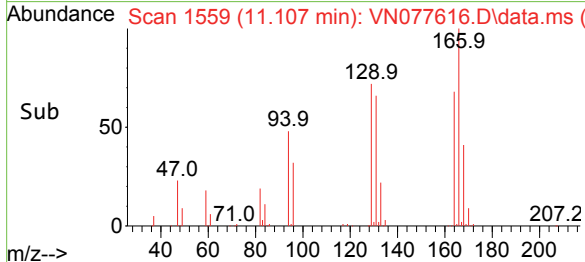
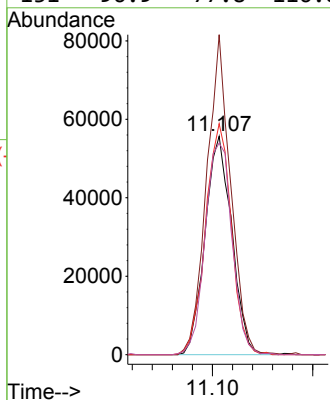
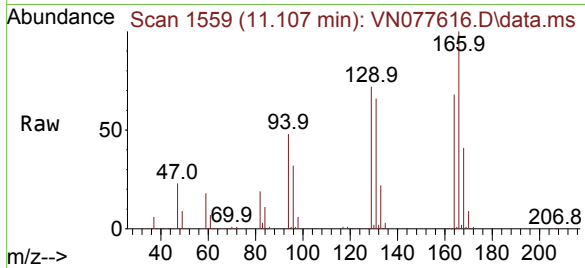




#61
Tetrachloroethene
Concen: 19.229 ug/l
RT: 11.107 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

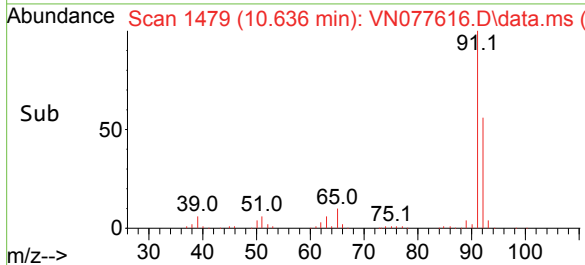
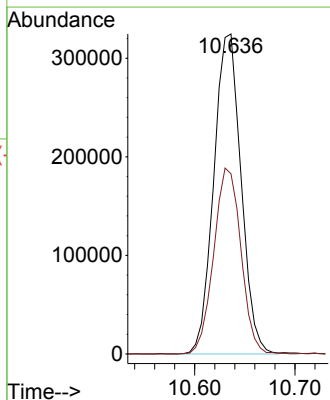
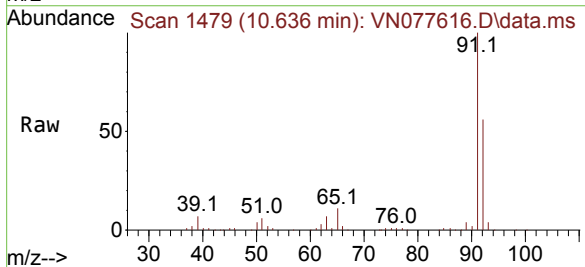
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

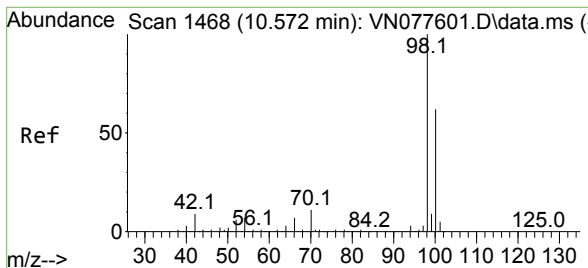
Tgt Ion:164 Resp: 103021
Ion Ratio Lower Upper
164 100
166 146.5 100.5 150.7
129 105.8 80.6 120.8
131 96.9 77.8 116.8



#62
Toluene
Concen: 20.003 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 91 Resp: 613400
Ion Ratio Lower Upper
91 100
92 57.9 47.0 70.6





#63

Toluene-d8

Concen: 29.930 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.001 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

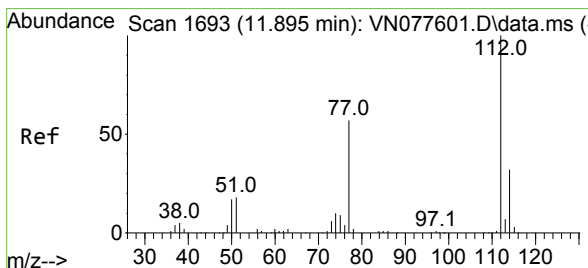
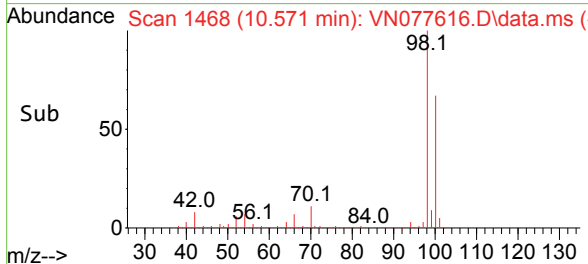
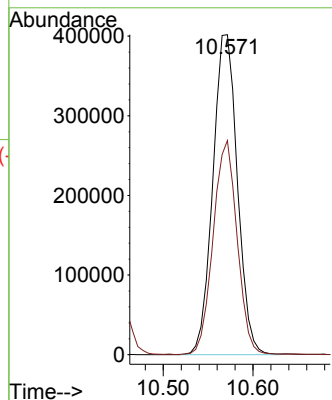
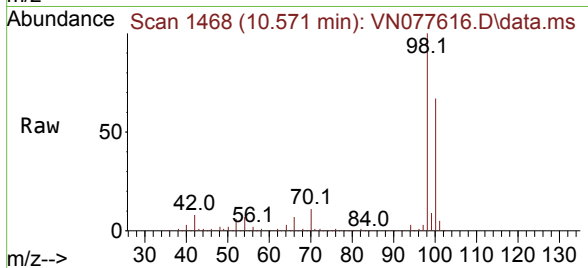
VN0508WBSD01

Tgt Ion: 98 Resp: 765670

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1



#64

Chlorobenzene

Concen: 20.089 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077616.D

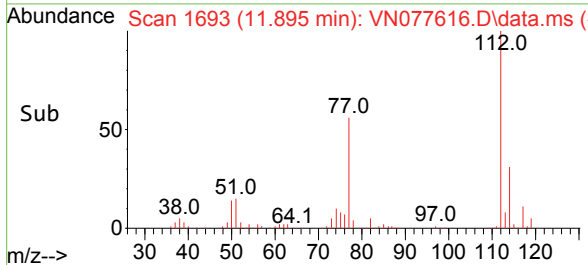
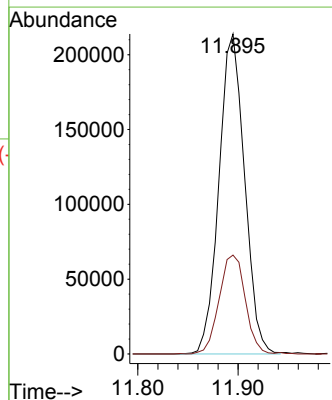
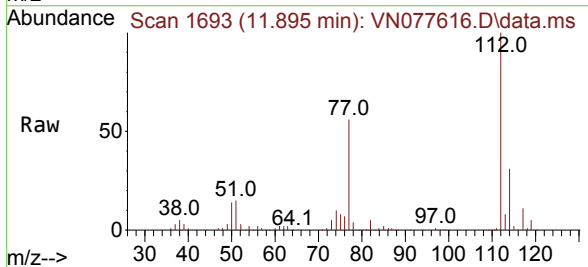
Acq: 08 May 2023 14:44

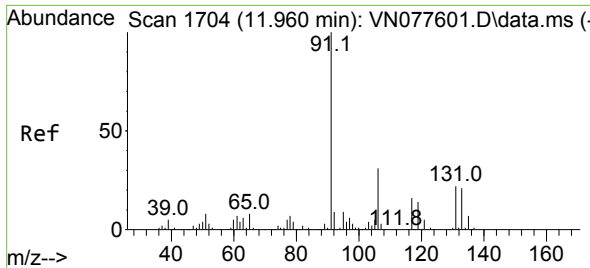
Tgt Ion: 112 Resp: 378851

Ion Ratio Lower Upper

112 100

114 30.8 25.8 38.8

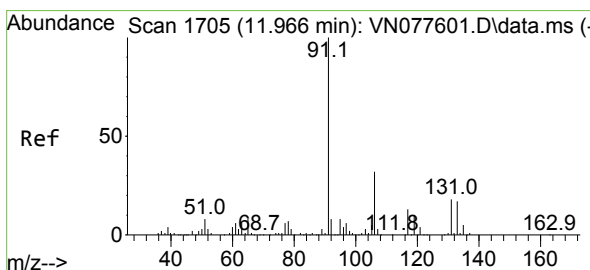
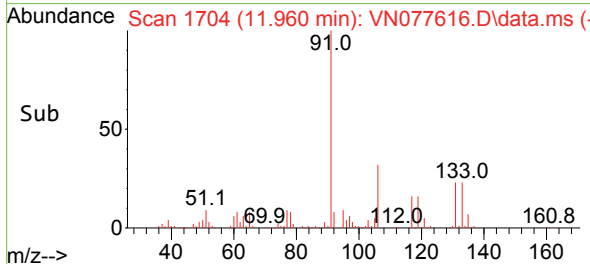
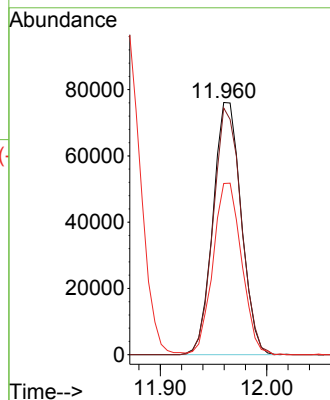
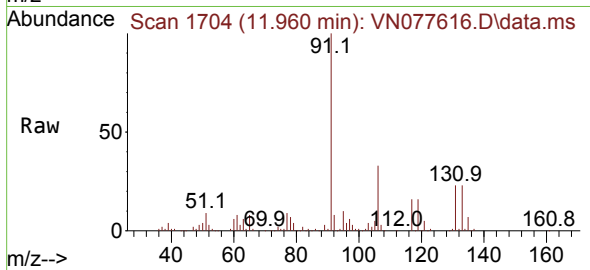




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.604 ug/l
 RT: 11.960 min Scan# 1704
 Delta R.T. -0.000 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

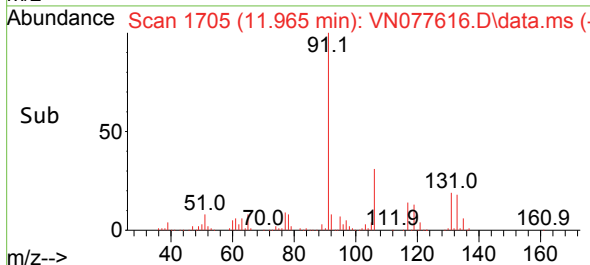
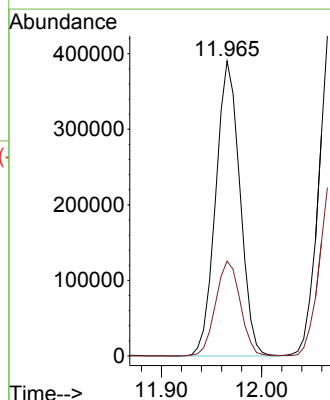
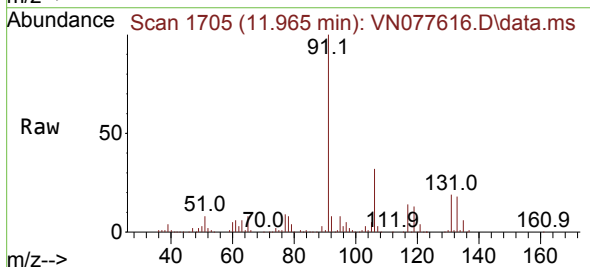
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01

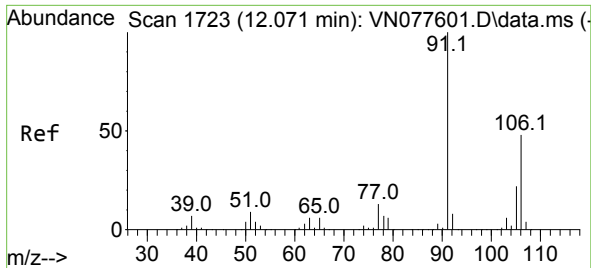
Tgt Ion:131 Resp: 140173
 Ion Ratio Lower Upper
 131 100
 133 96.8 0.0 181.2
 119 68.8 0.0 125.0



#66
 Ethyl Benzene
 Concen: 19.228 ug/l
 RT: 11.965 min Scan# 1705
 Delta R.T. -0.001 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

Tgt Ion: 91 Resp: 653319
 Ion Ratio Lower Upper
 91 100
 106 32.2 25.7 38.5

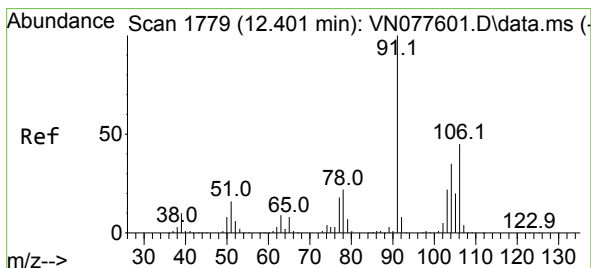
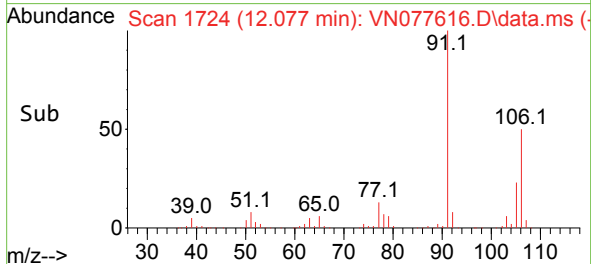
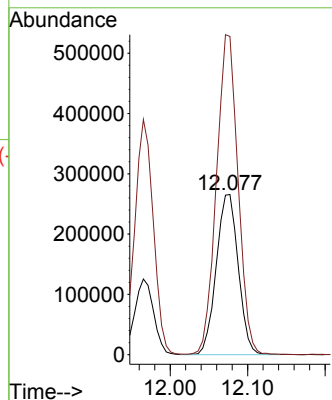
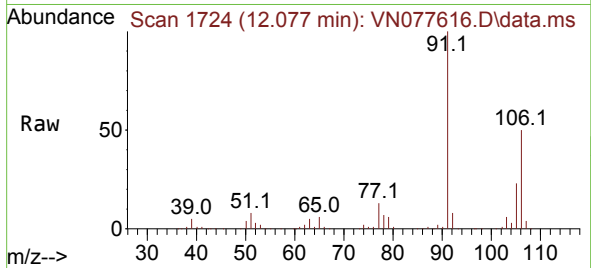




#67
m/p-Xylenes
Concen: 39.244 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

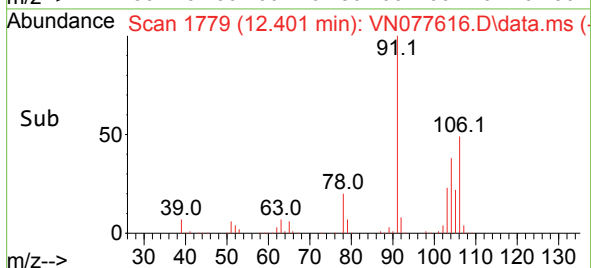
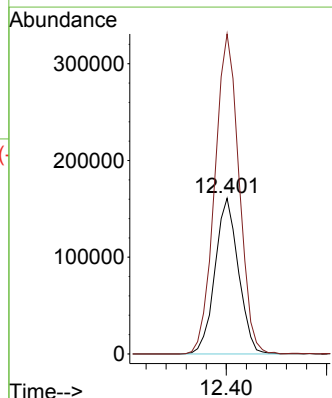
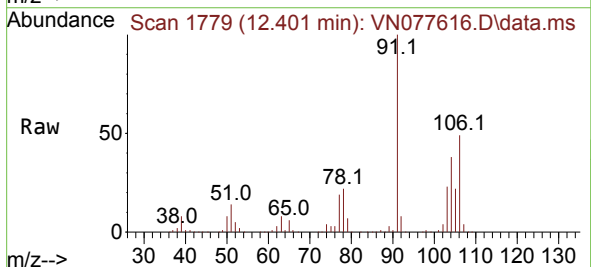
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

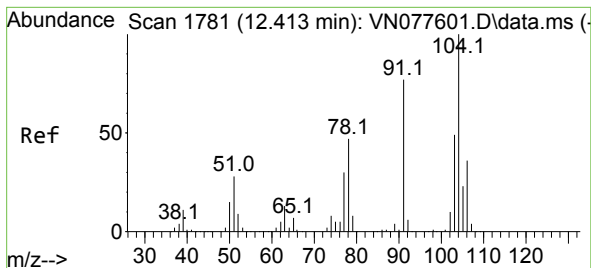
Tgt Ion:106 Resp: 524617
Ion Ratio Lower Upper
106 100
91 195.6 162.6 244.0



#68
o-Xylene
Concen: 19.835 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion:106 Resp: 261310
Ion Ratio Lower Upper
106 100
91 212.8 109.5 328.4





#69

Styrene

Concen: 20.035 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

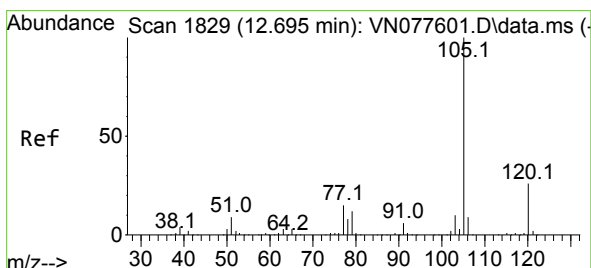
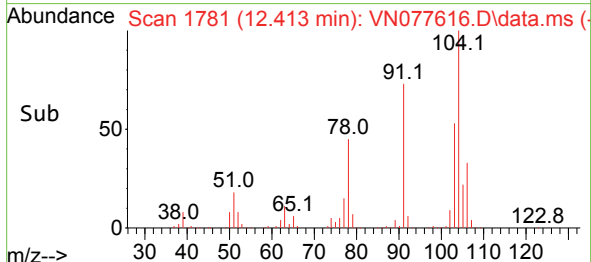
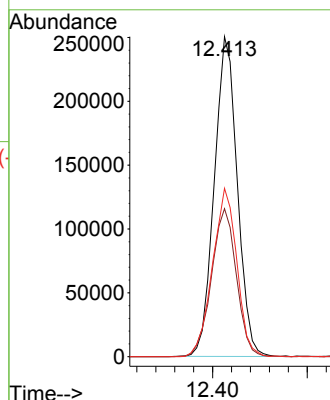
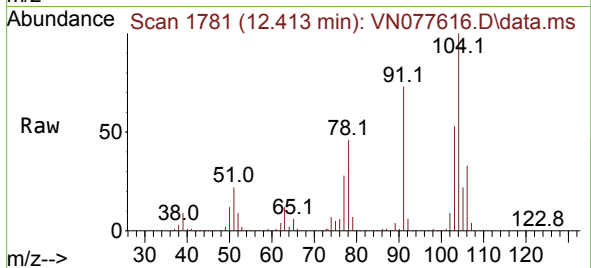
Tgt Ion:104 Resp: 422050

Ion Ratio Lower Upper

104 100

78 50.2 41.3 61.9

103 55.7 44.0 66.0



#70

Isopropylbenzene

Concen: 19.004 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077616.D

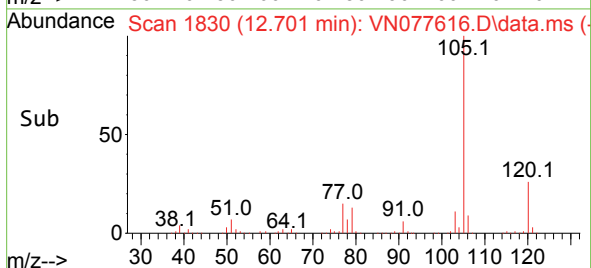
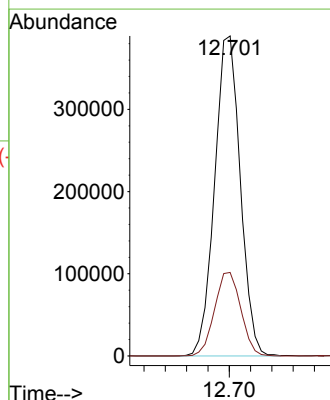
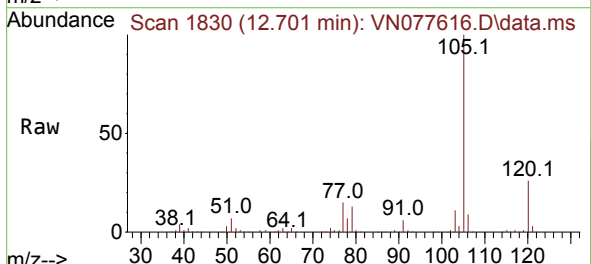
Acq: 08 May 2023 14:44

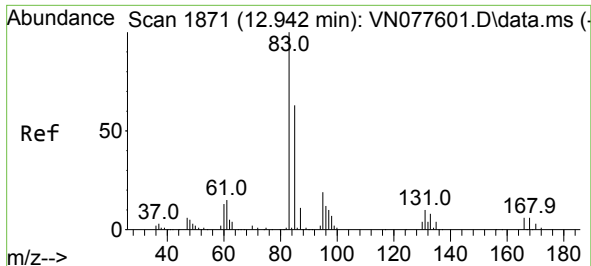
Tgt Ion:105 Resp: 650309

Ion Ratio Lower Upper

105 100

120 26.7 18.5 34.3

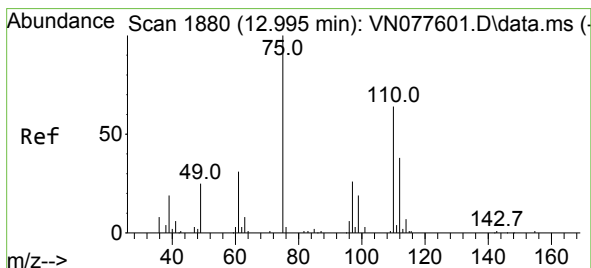
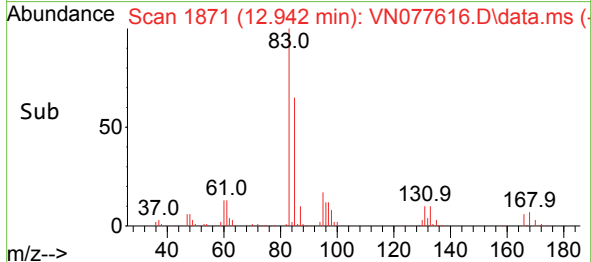
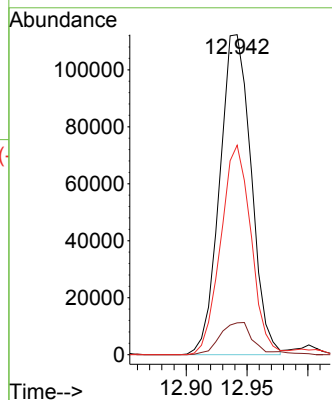
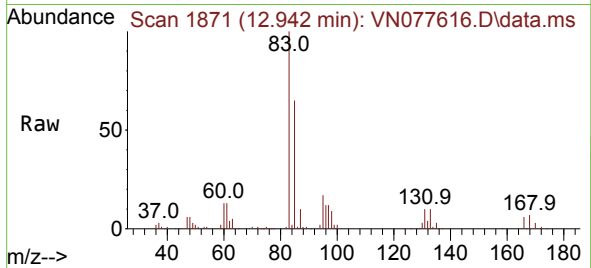




#71
1,1,2-Tetrachloroethane
Concen: 22.029 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

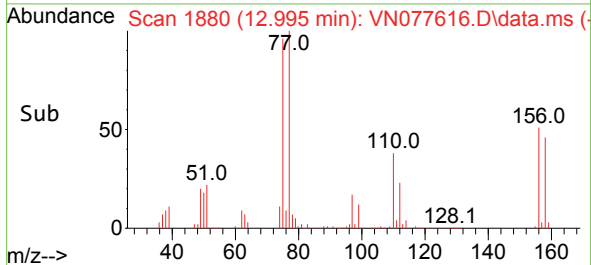
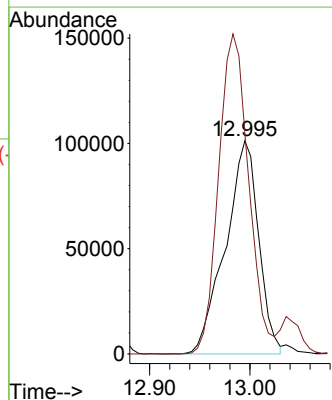
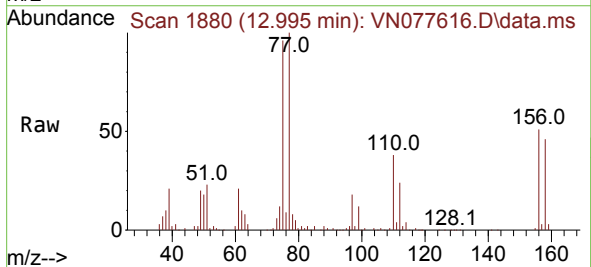
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

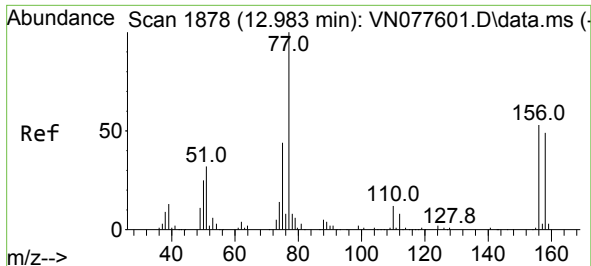
Tgt Ion: 83 Resp: 202148
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 63.3 33.4 100.2



#72
1,2,3-Trichloropropane
Concen: 30.530 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 75 Resp: 233103
Ion Ratio Lower Upper
75 100
77 135.5 0.0 354.6

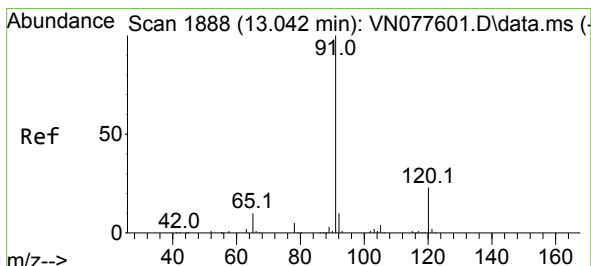
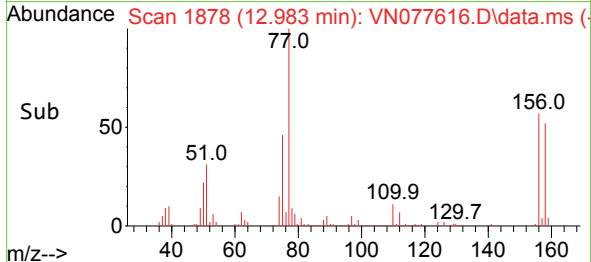
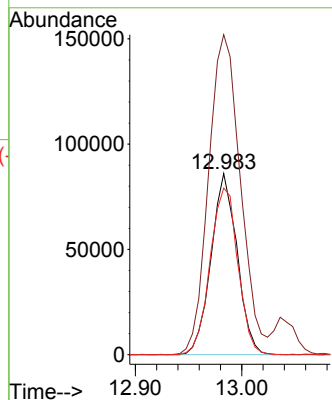
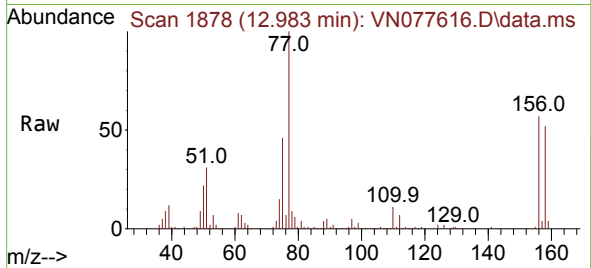




#73
Bromobenzene
Concen: 20.394 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

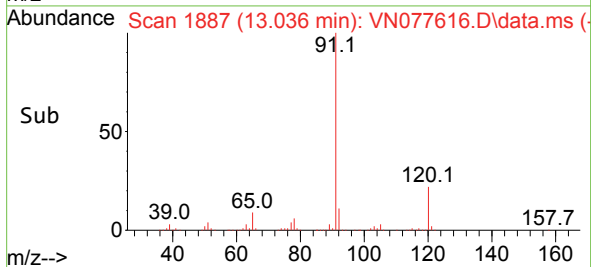
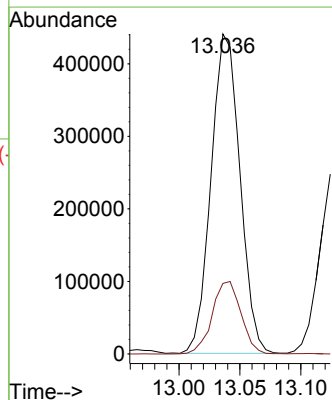
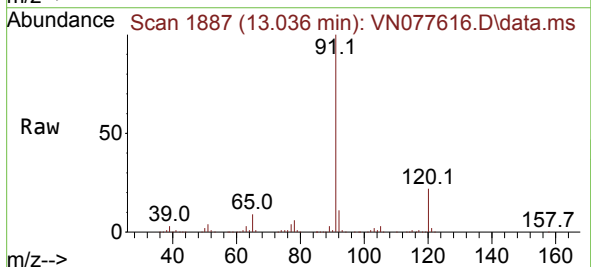
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

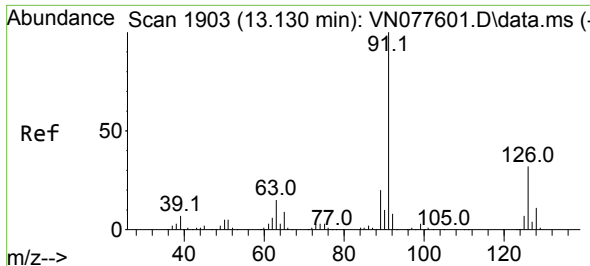
Tgt Ion:156 Resp: 145923
Ion Ratio Lower Upper
156 100
77 216.4 0.0 466.4
158 98.1 0.0 196.2



#74
n-propylbenzene
Concen: 18.972 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 91 Resp: 725887
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.6

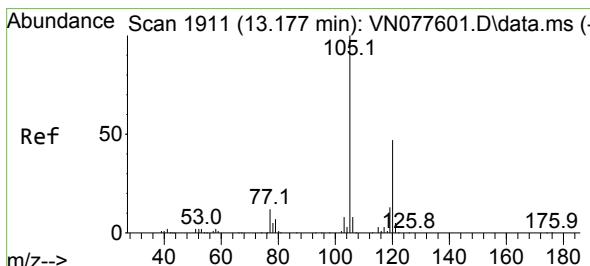
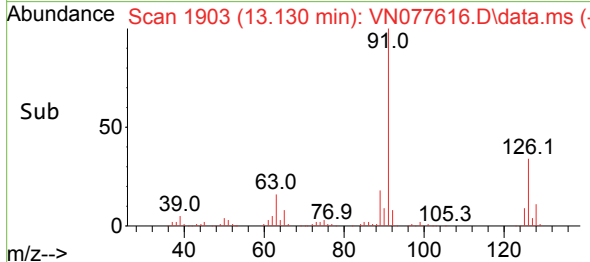
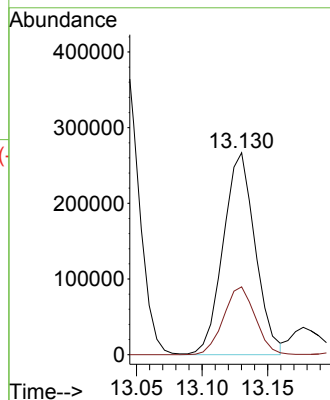
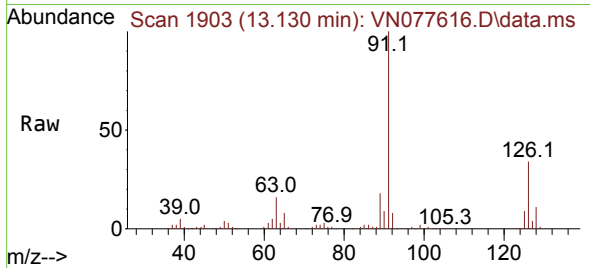




#75
2-Chlorotoluene
Concen: 19.578 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

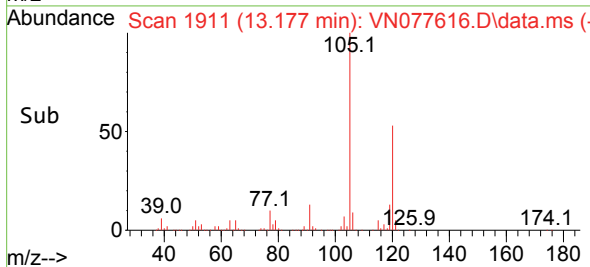
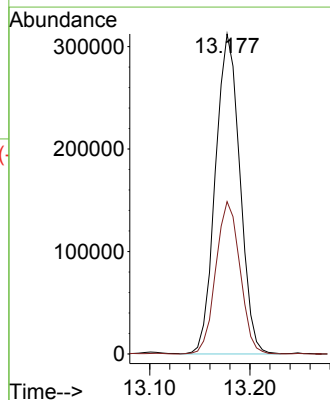
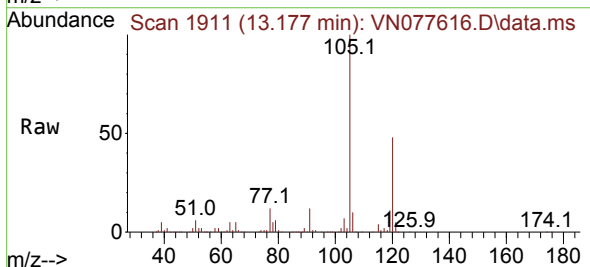
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

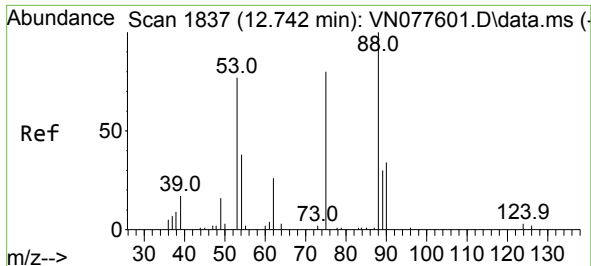
Tgt Ion: 91 Resp: 453029
Ion Ratio Lower Upper
91 100
126 33.3 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 19.571 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 105 Resp: 529246
Ion Ratio Lower Upper
105 100
120 47.0 0.0 95.2

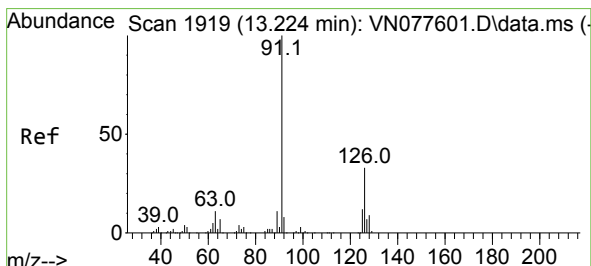
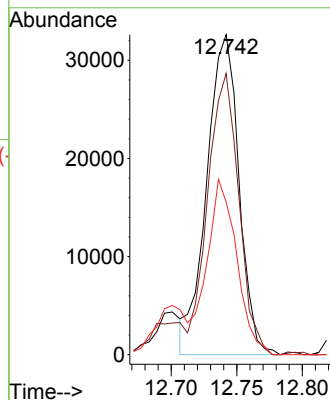
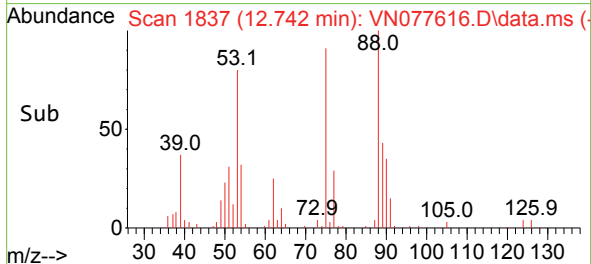
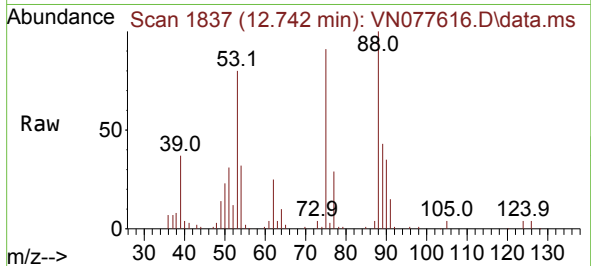




#77
t-1,4-Dichloro-2-butene
Concen: 20.954 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

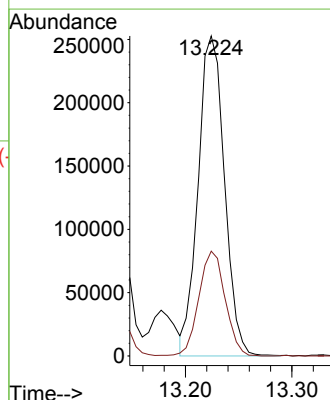
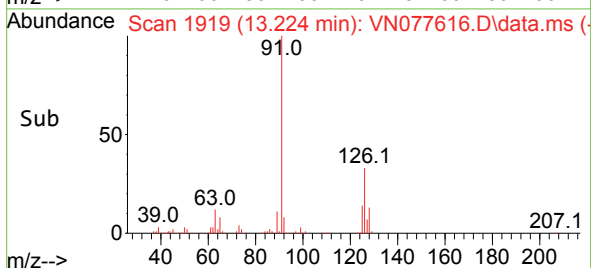
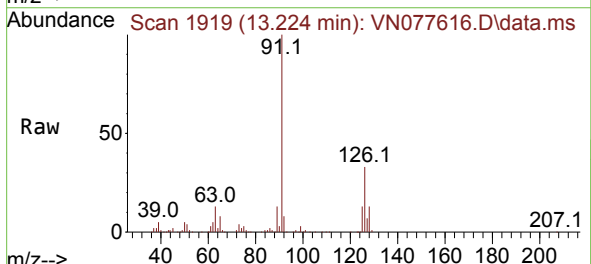
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

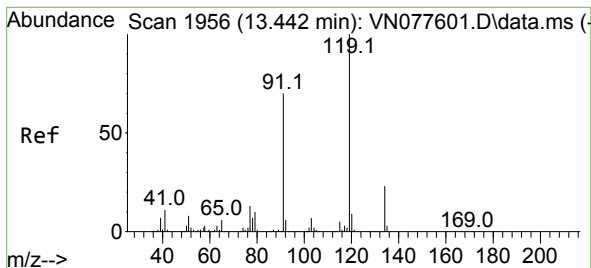
Tgt Ion: 75 Resp: 55735
Ion Ratio Lower Upper
75 100
53 87.8 46.9 140.7
89 47.7 21.0 63.0



#78
4-Chlorotoluene
Concen: 19.268 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 91 Resp: 435349
Ion Ratio Lower Upper
91 100
126 32.7 0.0 64.6





#79

tert-butylbenzene

Concen: 19.256 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

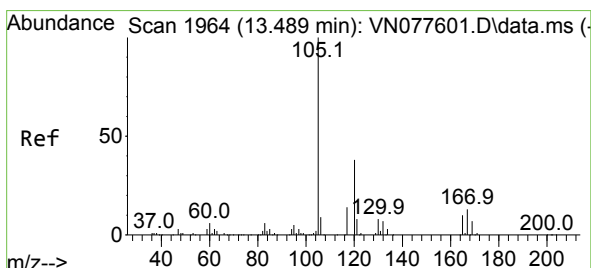
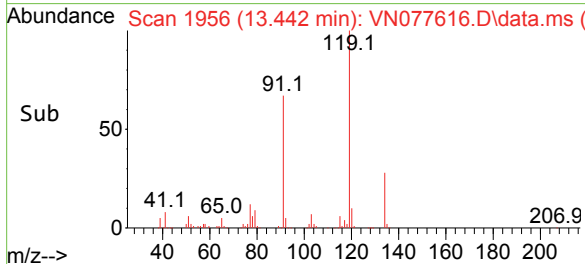
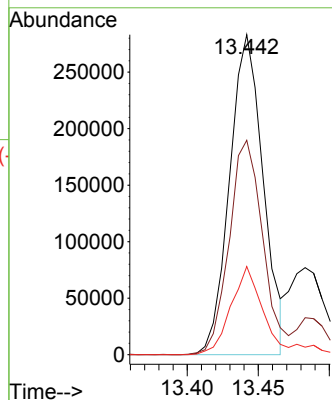
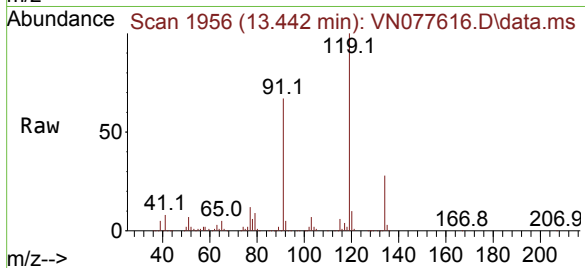
Tgt Ion:119 Resp: 466376

Ion Ratio Lower Upper

119 100

91 67.5 0.0 141.6

134 25.7 0.0 46.6



#80

1,2,4-Trimethylbenzene

Concen: 18.820 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN077616.D

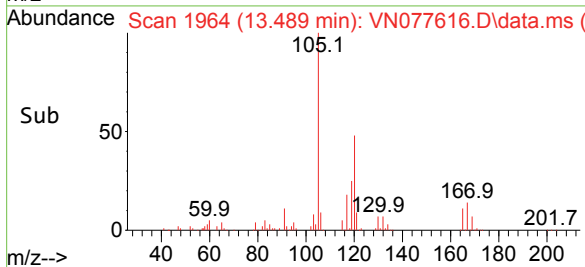
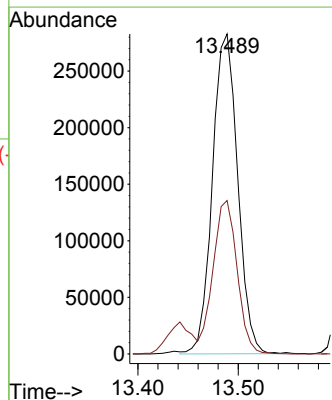
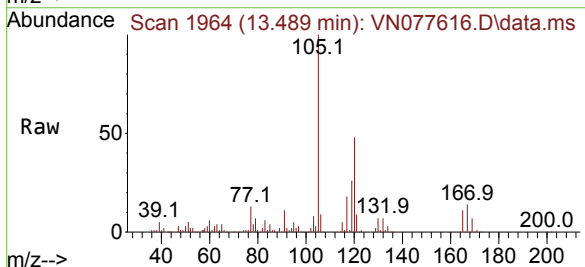
Acq: 08 May 2023 14:44

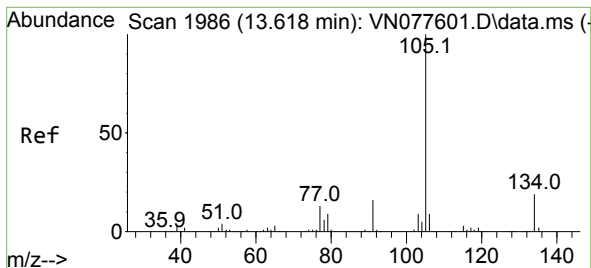
Tgt Ion:105 Resp: 493934

Ion Ratio Lower Upper

105 100

120 45.8 0.0 88.0





#81

sec-Butylbenzene

Concen: 18.994 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

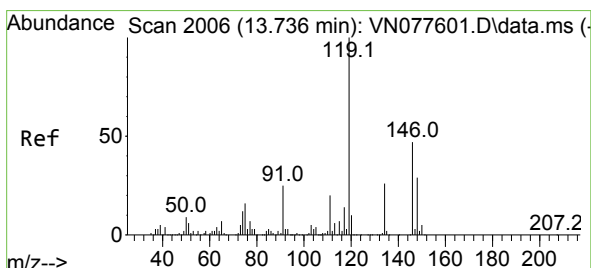
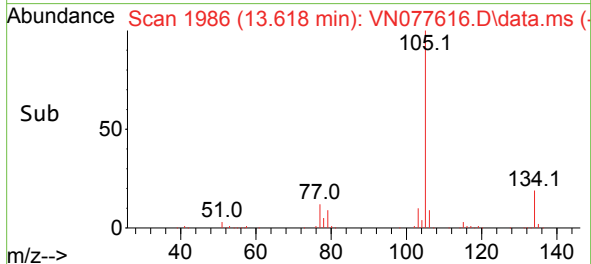
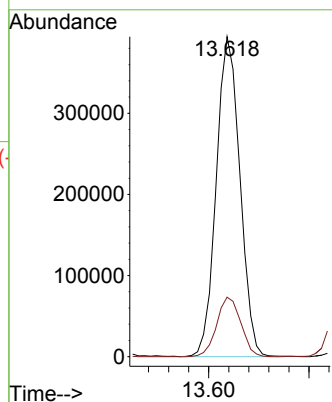
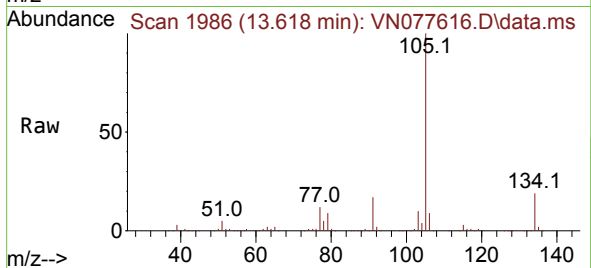
VN0508WBSD01

Tgt Ion:105 Resp: 645705

Ion Ratio Lower Upper

105 100

134 18.9 0.0 37.8



#82

p-Isopropyltoluene

Concen: 18.931 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

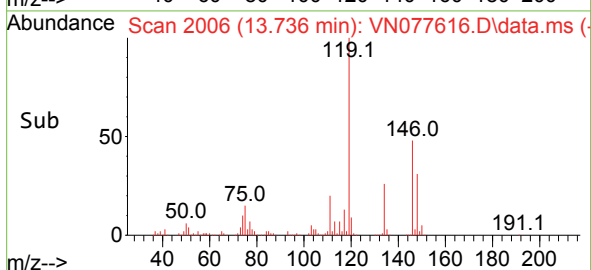
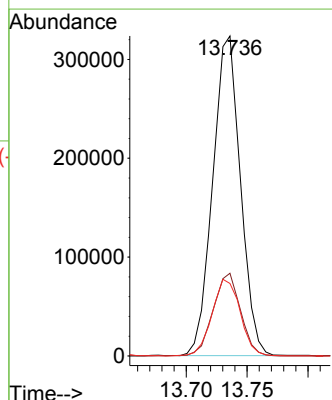
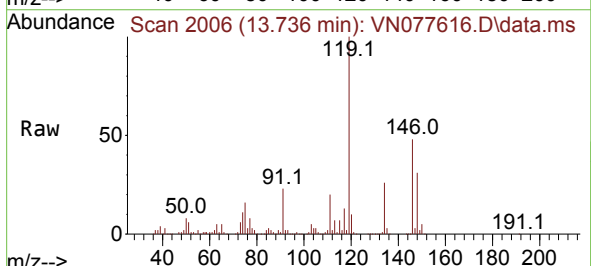
Tgt Ion:119 Resp: 512058

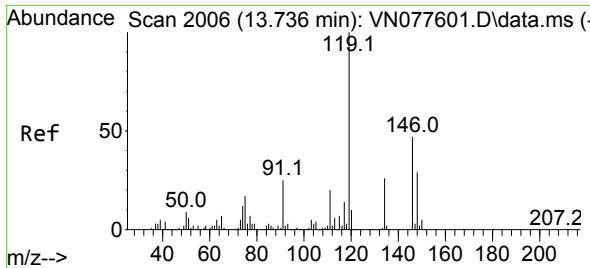
Ion Ratio Lower Upper

119 100

134 25.6 0.0 52.2

91 24.5 0.0 51.2

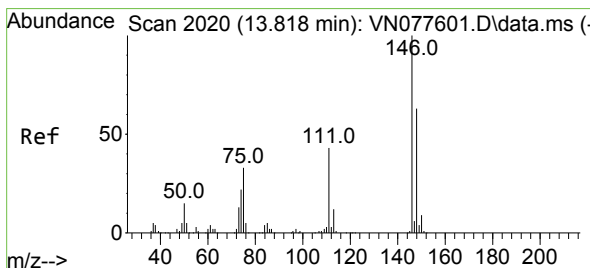
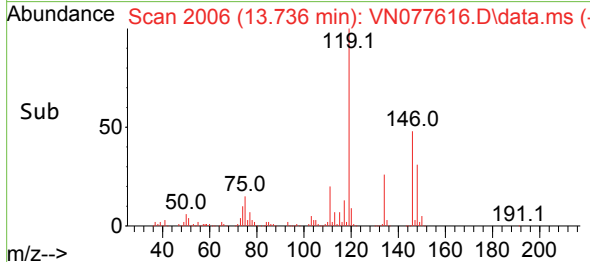
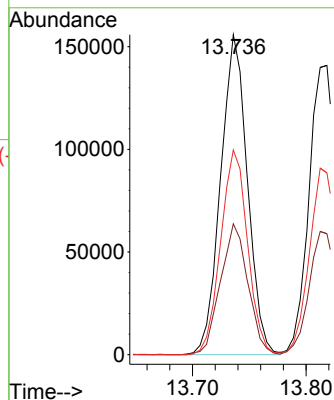
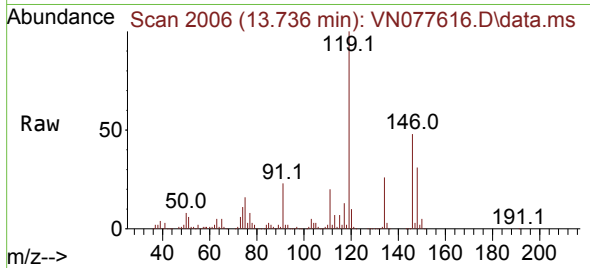




#83
1,3-Dichlorobenzene
Concen: 19.232 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

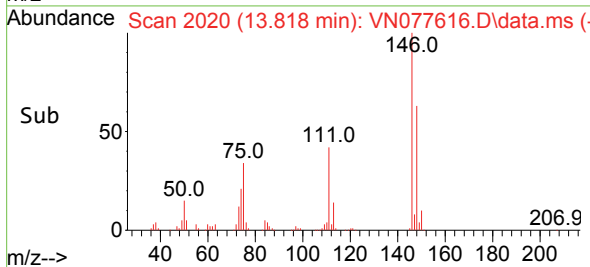
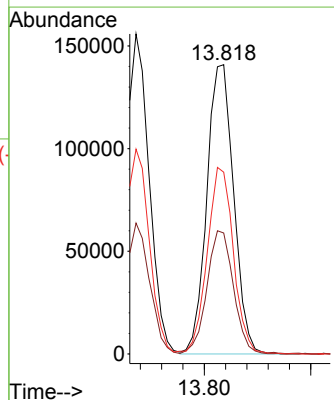
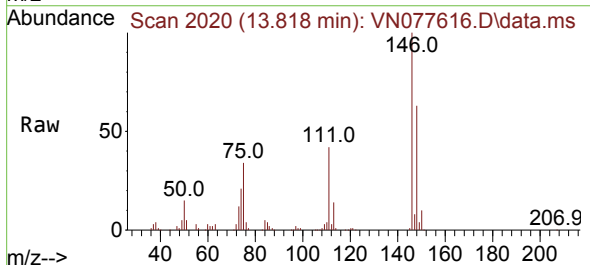
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

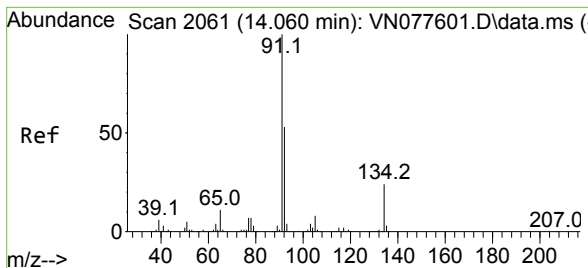
Tgt Ion:146 Resp: 255534
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.1
148 64.1 32.5 97.4



#84
1,4-Dichlorobenzene
Concen: 18.977 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion:146 Resp: 246831
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.4
148 63.0 31.1 93.5





#85

n-Butylbenzene

Concen: 17.622 ug/l

RT: 14.059 min Scan# 2061

Delta R.T. -0.001 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

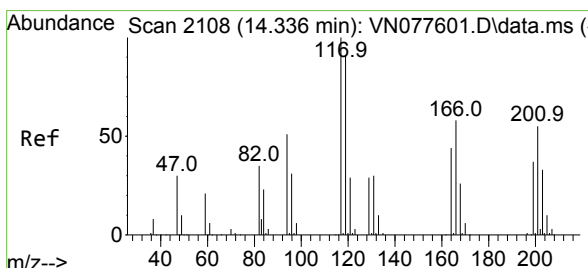
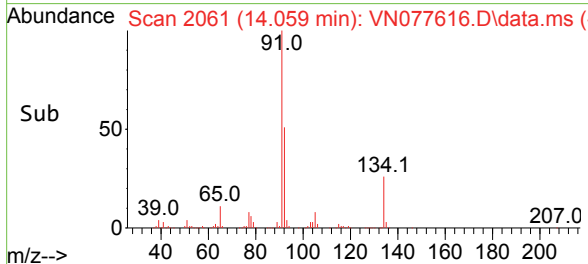
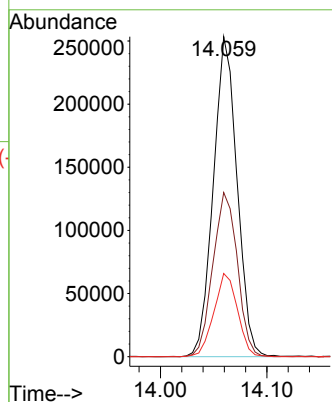
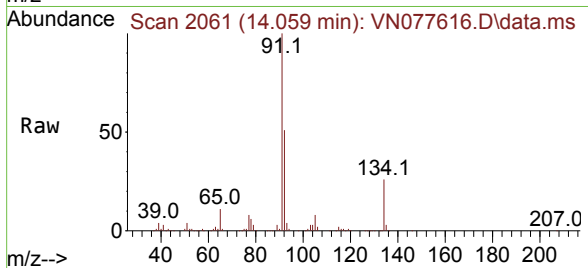
Tgt Ion: 91 Resp: 392133

Ion Ratio Lower Upper

91 100

92 52.9 0.0 107.0

134 25.8 0.0 50.2



#86

Hexachloroethane

Concen: 18.560 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077616.D

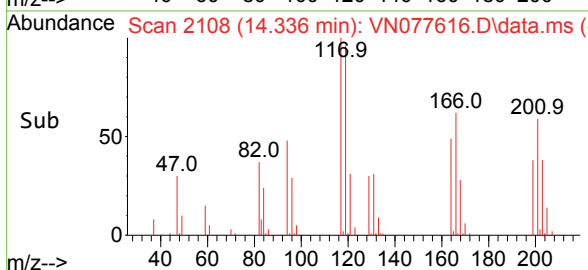
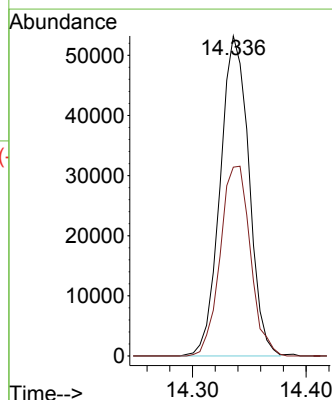
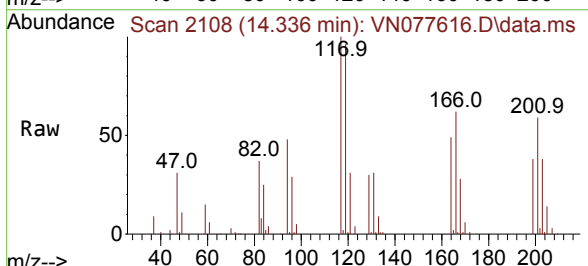
Acq: 08 May 2023 14:44

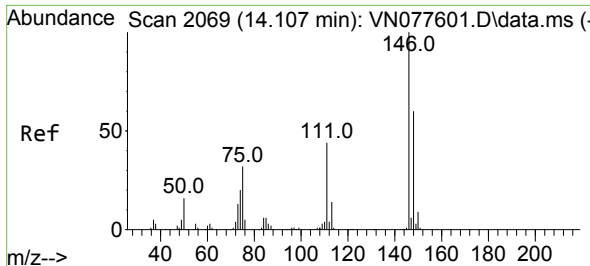
Tgt Ion: 117 Resp: 93559

Ion Ratio Lower Upper

117 100

201 62.2 28.1 84.4

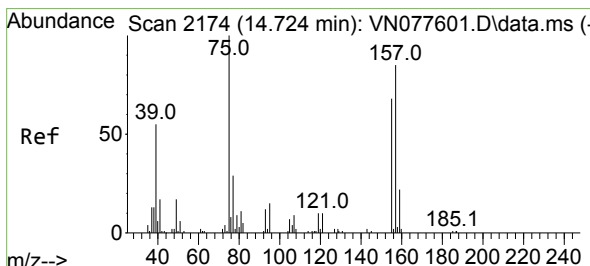
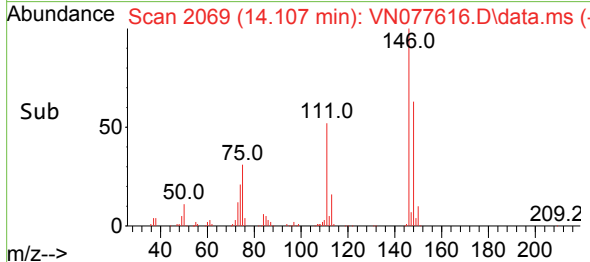
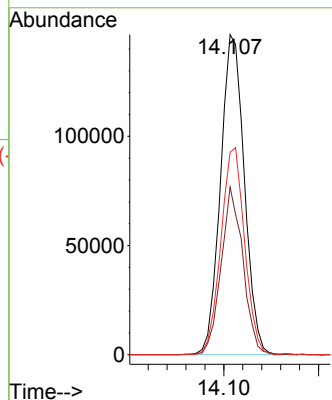
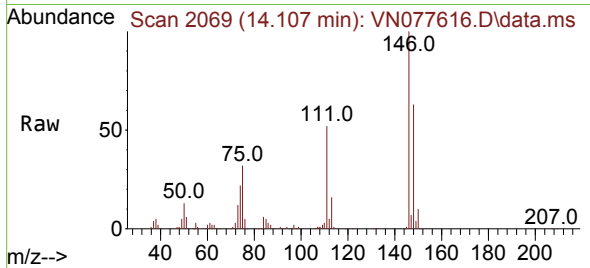




#87
1,2-Dichlorobenzene
Concen: 19.890 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

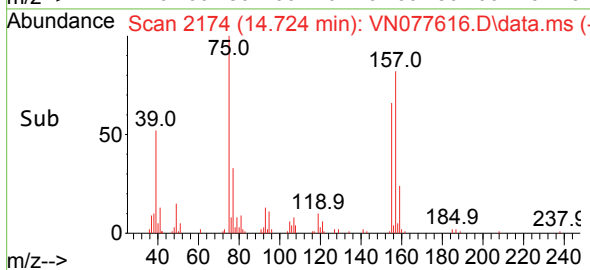
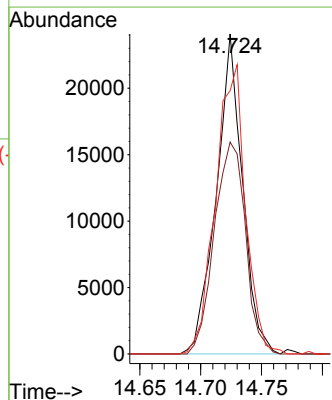
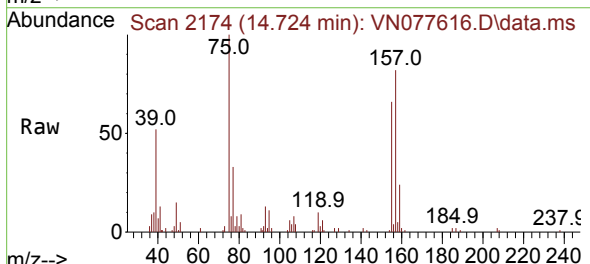
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

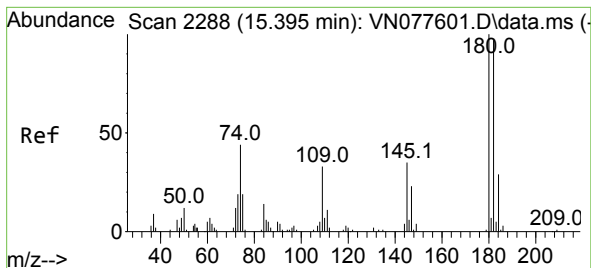
Tgt Ion:146 Resp: 256524
Ion Ratio Lower Upper
146 100
111 47.9 22.7 68.0
148 64.4 31.0 93.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.670 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 75 Resp: 36137
Ion Ratio Lower Upper
75 100
155 78.5 63.1 94.7
157 102.3 75.5 113.3





#89

1,2,4-Trichlorobenzene

Concen: 17.161 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

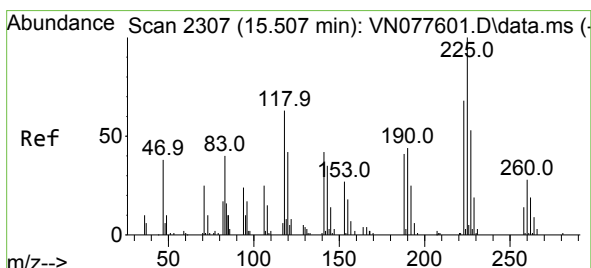
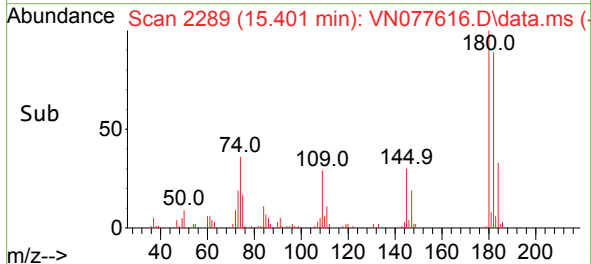
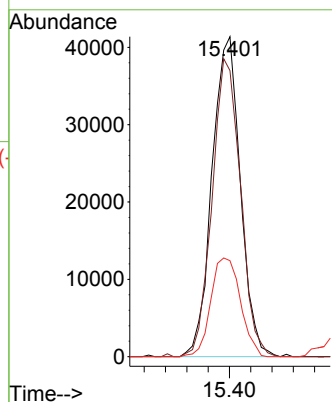
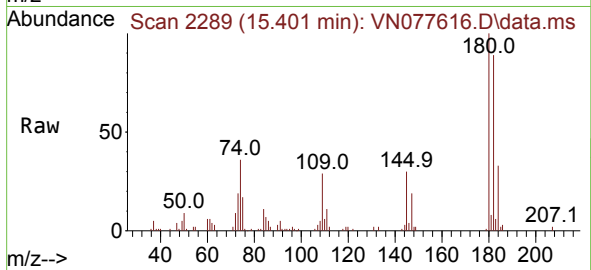
Tgt Ion:180 Resp: 76255

Ion Ratio Lower Upper

180 100

182 93.3 75.1 112.7

145 32.4 28.6 43.0



#90

Hexachlorobutadiene

Concen: 20.599 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

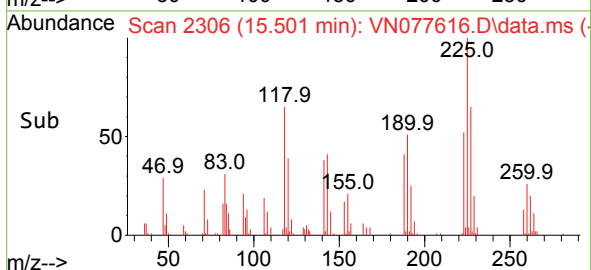
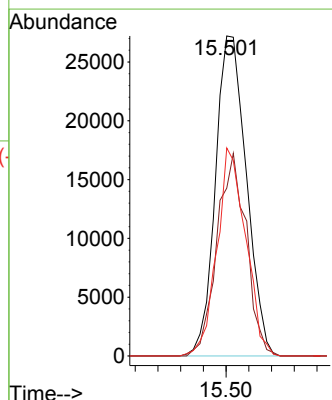
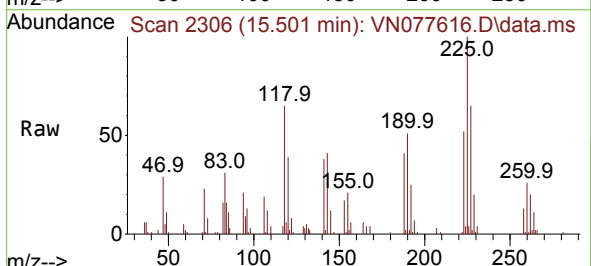
Tgt Ion:225 Resp: 51614

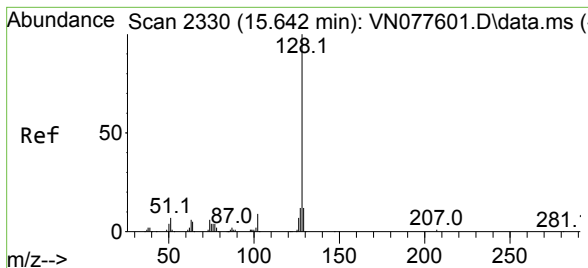
Ion Ratio Lower Upper

225 100

223 59.8 0.0 132.2

227 60.4 0.0 116.2





#91

Naphthalene

Concen: 18.245 ug/l

RT: 15.648 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

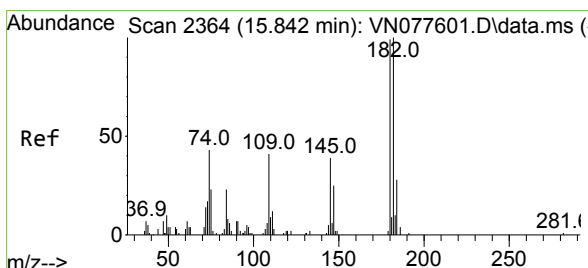
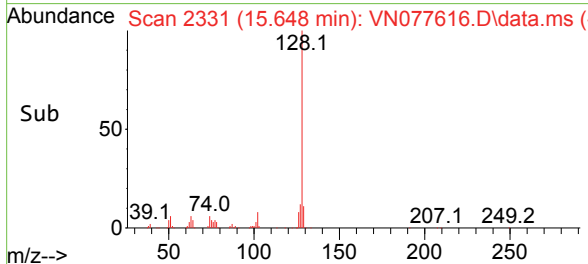
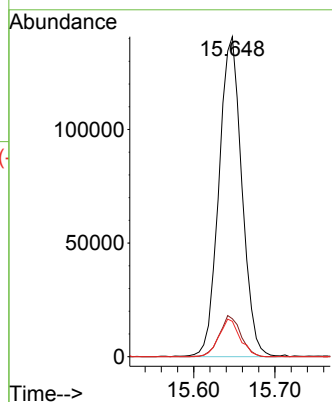
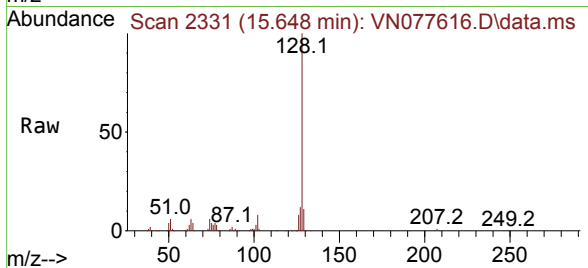
Tgt Ion:128 Resp: 276941

Ion Ratio Lower Upper

128 100

127 12.0 9.6 14.4

129 10.8 9.1 13.7



#92

1,2,3-Trichlorobenzene

Concen: 17.423 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Tgt Ion:180 Resp: 71300

Ion Ratio Lower Upper

180 100

182 100.3 0.0 193.4

145 37.9 0.0 78.6

