

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070879.D
 Acq On : 1 Feb 2022 18:36
 Operator : JC/MD
 Sample : N1342-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31528

Quant Time: Feb 02 00:37:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1394573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2065269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1797468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	928363	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	766658	38.359	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	76.720%
35) Dibromofluoromethane	8.021	113	598787	46.740	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.480%
50) Toluene-d8	10.443	98	2513334	46.570	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.728	95	912966	47.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.940%

Target Compounds						Qvalue
3) Chloromethane	2.260	50	27355	1.161	ug/l #	74
8) Diethyl Ether	3.824	74	3023496	270.439	ug/l	85
11) Tert butyl alcohol	5.374	59	8671257	2404.799	ug/l	97
14) Allyl chloride	4.846	41	33980	1.011	ug/l #	20
15) Acrylonitrile	5.613	53	87824	7.656	ug/l #	32
16) Acetone	4.283	43	13345595	962.050	ug/l	96
17) Carbon Disulfide	4.527	76	34640	0.827	ug/l	97
18) Methyl Acetate	4.851	43	2577749	94.488	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	8716132	158.146	ug/l #	88
20) Methylene Chloride	5.095	84	27959	1.530	ug/l #	95
22) Diisopropyl ether	6.498	45	5183588	77.799	ug/l #	1
23) Vinyl Acetate	6.498	43	287819	5.096	ug/l #	76
24) 1,1-Dichloroethane	6.493	63	34880	1.047	ug/l #	83
25) 2-Butanone	7.335	43	8996154	515.369	ug/l	94
26) 2,2-Dichloropropane	7.168	77	143825	5.629	ug/l #	52
28) Bromochloromethane	7.649	49	4612	0.308	ug/l #	9
29) Tetrahydrofuran	7.686	42	314152	29.392	ug/l #	83
30) Chloroform	8.094	83	37551	0.654	ug/l #	1
31) Cyclohexane	8.094	56	908190	25.805	ug/l	89
36) 1,1-Dichloropropene	8.086	75	102111	4.735	ug/l #	49
37) Ethyl Acetate	7.335	43	8996154	314.194	ug/l #	68
38) Carbon Tetrachloride	8.086	117	131061	6.831	ug/l #	16
39) Methylcyclohexane	9.459	83	902727	33.905	ug/l	91
41) Methacrylonitrile	7.659	41	141154	9.690	ug/l #	30
42) 1,2-Dichloroethane	8.464	62	1091876	47.122	ug/l #	76
43) Isopropyl Acetate	8.560	43	627236	14.342	ug/l #	64
45) 1,2-Dichloropropane	9.507	63	31914	1.755	ug/l #	60
48) Methyl methacrylate	9.531	41	2628875	126.179	ug/l #	33
49) 1,4-Dioxane	9.569	88	33358	106.590	ug/l #	27
51) 4-Methyl-2-Pentanone	10.333	43	1598417	57.278	ug/l	99
53) t-1,3-Dichloropropene	10.800	75	141888	7.558	ug/l	89
54) cis-1,3-Dichloropropene	10.162	75	165960	6.404	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	34345	2.187	ug/l #	20
56) Ethyl methacrylate	10.786	69	18905	2.906	ug/l #	1
57) 1,3-Dichloropropane	11.089	76	148796	5.352	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.162	63	248543	51.255	ug/l #	86

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 ALS Vial : 13 Sample Multiplier: 1

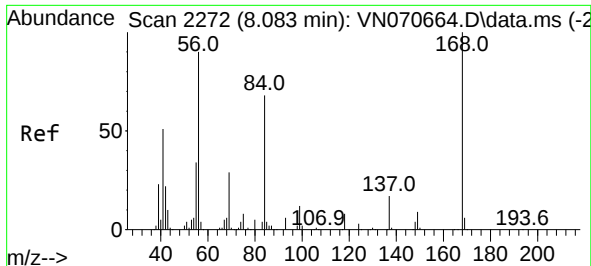
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	11.089	43	3590671	177.120	ug/l	63
67) Ethyl Benzene	11.843	91	9082561	125.792	ug/l	98
68) m/p-Xylenes	11.945	106	17062304	649.581	ug/l #	1
69) o-Xylene	12.278	106	6704767	257.215	ug/l	97
70) Styrene	12.278	104	339867	8.150	ug/l #	1
73) Isopropylbenzene	12.578	105	998750	11.372	ug/l	99
74) N-amyl acetate	12.347	43	1734393	48.299	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.870	83	746988	25.184	ug/l #	33
76) 1,2,3-Trichloropropane	12.798	75	44123	1.792	ug/l #	1
78) n-propylbenzene	12.919	91	658003	6.699	ug/l	100
79) 2-Chlorotoluene	12.980	91	426398	6.863	ug/l	70
80) 1,3,5-Trimethylbenzene	13.058	105	3451251	48.592	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	109416	13.239	ug/l #	49
82) 4-Chlorotoluene	12.980	91	426398	7.345	ug/l	70
83) tert-Butylbenzene	13.321	119	72649	1.175	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	6270401	91.846	ug/l	97
85) sec-Butylbenzene	13.366	105	6270401	74.602	ug/l #	56
86) p-Isopropyltoluene	13.769	119	259644	3.932	ug/l	92
88) 1,4-Dichlorobenzene	13.694	146	7360	0.226	ug/l #	44
89) n-Butylbenzene	13.903	91	154410	2.835	ug/l #	1
90) Hexachloroethane	14.214	117	124391	10.777	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.573	75	11073	2.201	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.257	180	2720	3.573	ug/l #	1
95) Naphthalene	15.501	128	1488072	32.801	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.697	180	2117	3.337	ug/l #	12

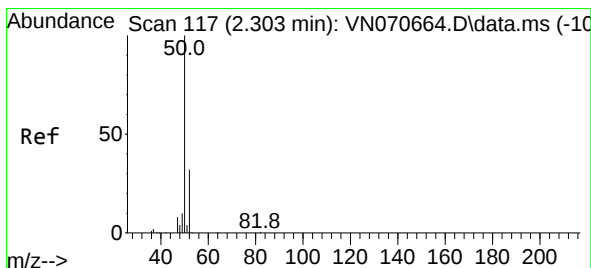
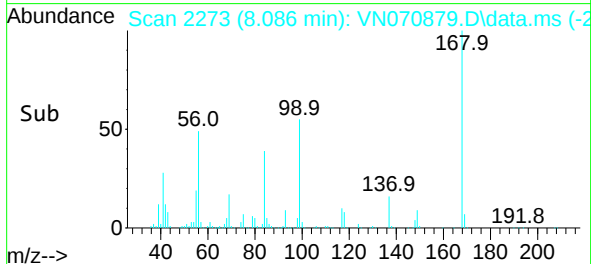
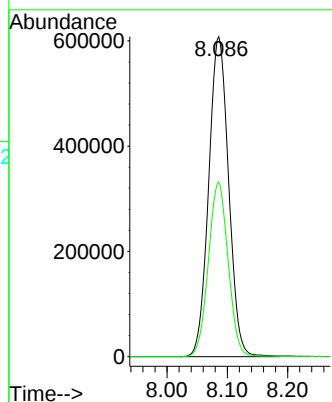
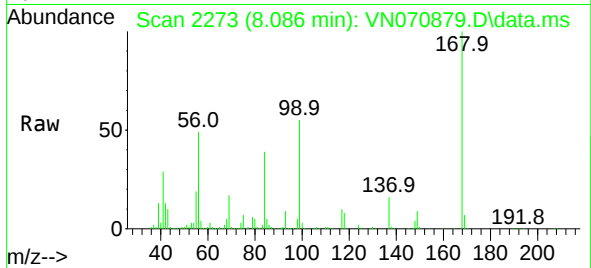
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070879.D
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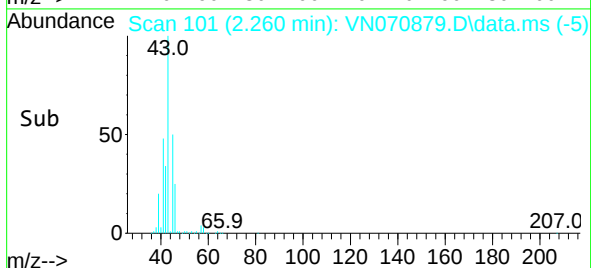
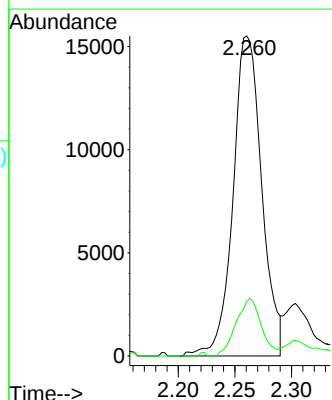
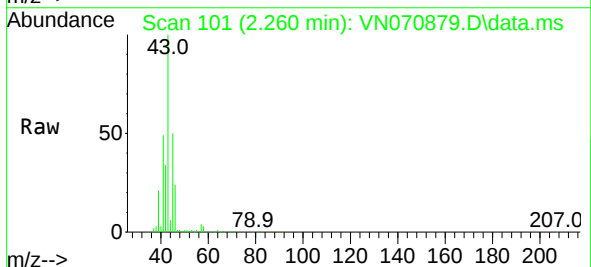
Instrument :
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31528

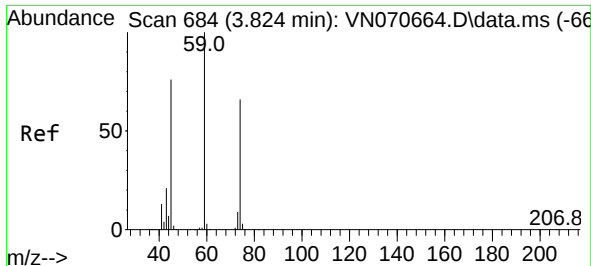
Tgt Ion:168 Resp: 1394573
Ion Ratio Lower Upper
168 100
99 54.6 41.3 61.9



#3
Chloromethane
Concen: 1.161 ug/l
RT: 2.260 min Scan# 101
Delta R.T. -0.043 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 50 Resp: 27355
Ion Ratio Lower Upper
50 100
52 17.1 25.4 38.0#

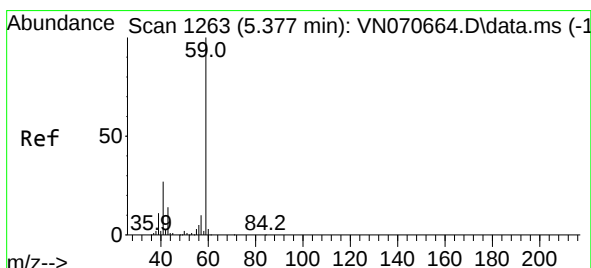
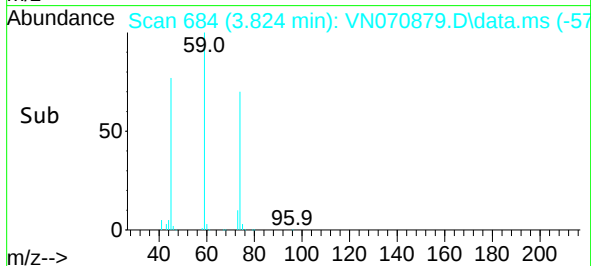
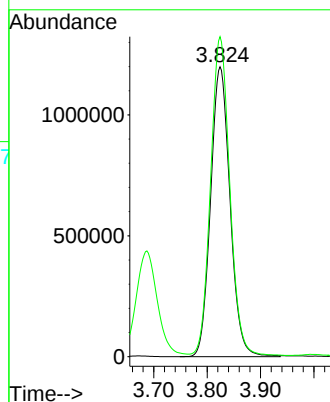
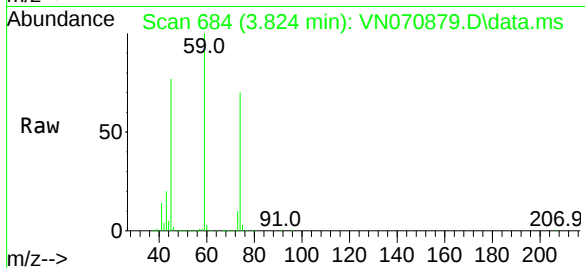




#8
Diethyl Ether
Concen: 270.439 ug/l
RT: 3.824 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

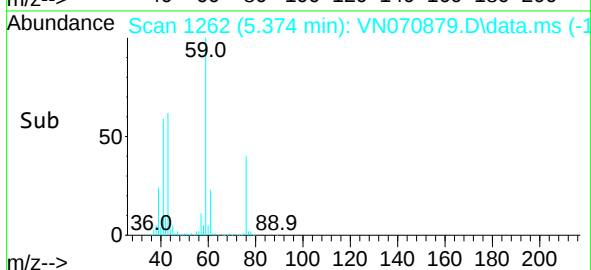
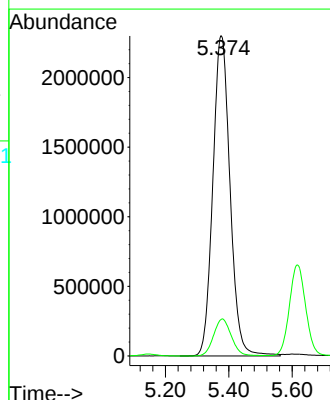
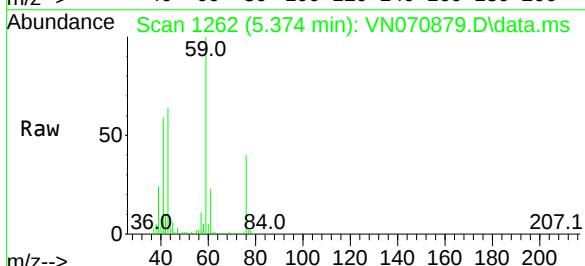
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ClientSampleId :
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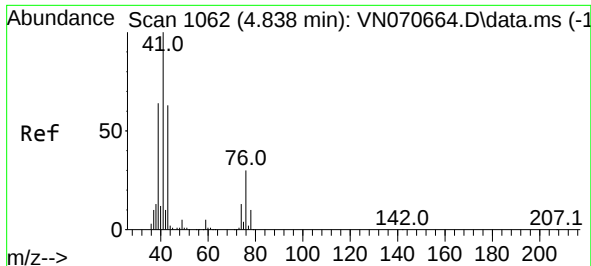
Tgt Ion: 74 Resp: 3023496
Ion Ratio Lower Upper
74 100
45 108.2 47.0 141.2



#11
Tert butyl alcohol
Concen: 2404.799 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

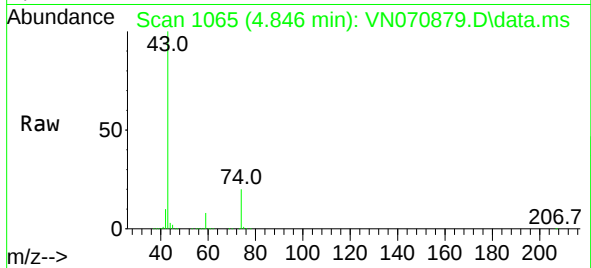
Tgt Ion: 59 Resp: 8671257
Ion Ratio Lower Upper
59 100
57 12.0 8.7 13.1



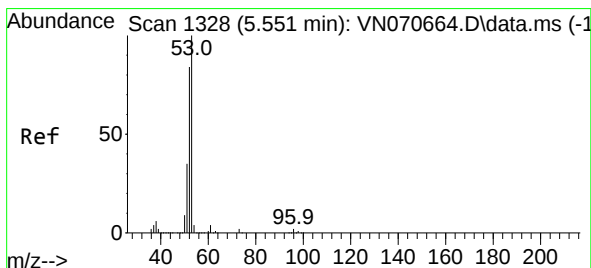
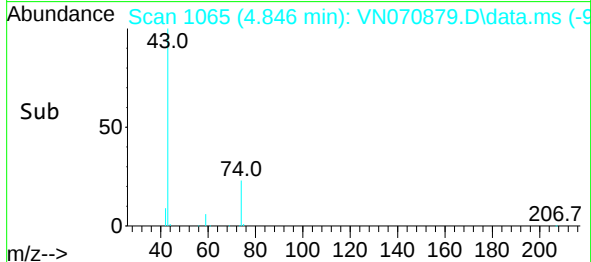
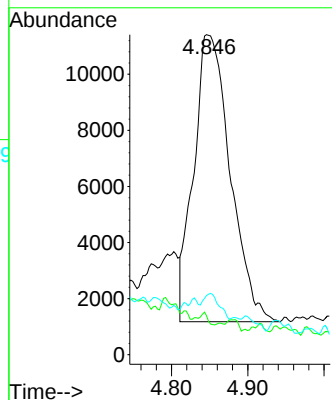


#14
 Allyl chloride
 Concen: 1.011 ug/l
 RT: 4.846 min Scan# 1065
 Delta R.T. 0.008 min
 Lab File: VN070879.D
 Acq: 1 Feb 2022 18:36

Instrument :
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 ClientSampleId :
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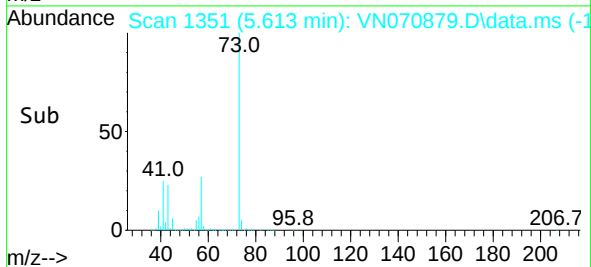
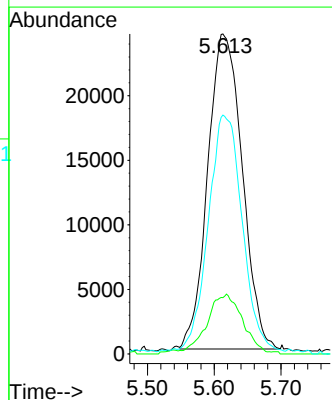
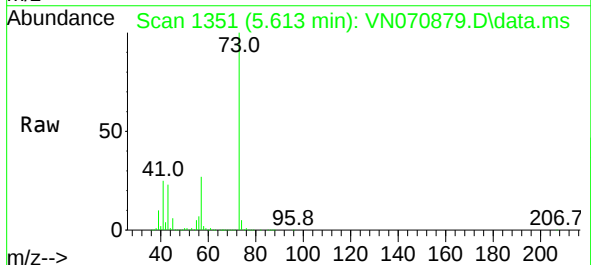


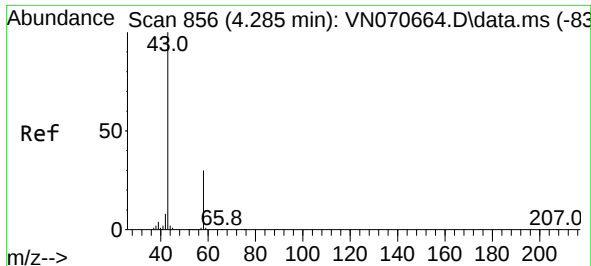
Tgt Ion: 41 Resp: 33980
 Ion Ratio Lower Upper
 41 100
 39 0.0 61.2 91.8#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 7.656 ug/l
 RT: 5.613 min Scan# 1351
 Delta R.T. 0.062 min
 Lab File: VN070879.D
 Acq: 1 Feb 2022 18:36

Tgt Ion: 53 Resp: 87824
 Ion Ratio Lower Upper
 53 100
 52 18.6 66.2 99.2#
 51 73.1 29.6 44.4#

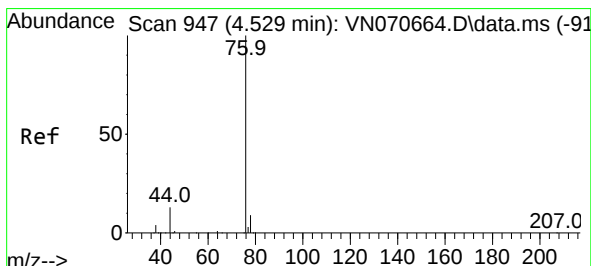
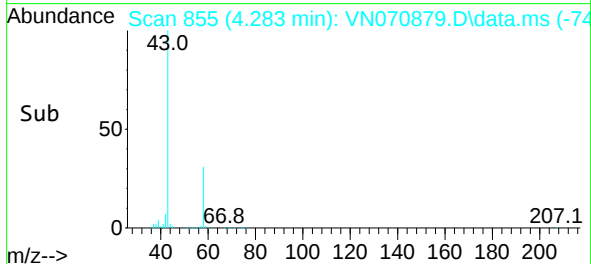
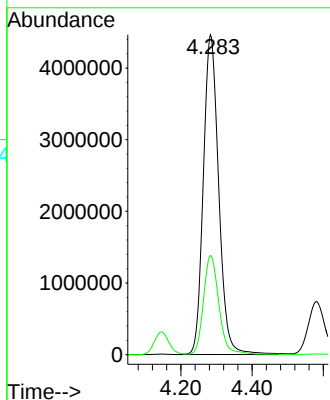
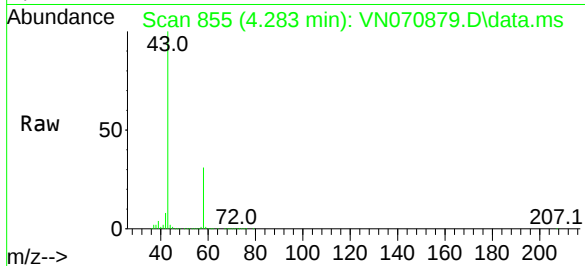




#16
Acetone
Concen: 962.050 ug/l
RT: 4.283 min Scan# 81
Delta R.T. -0.002 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

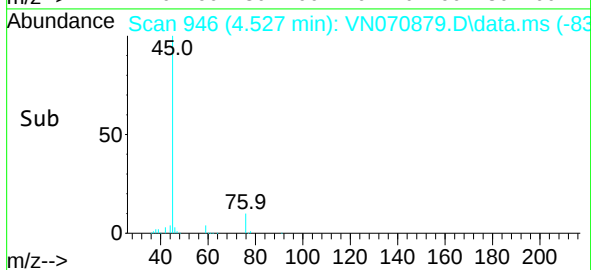
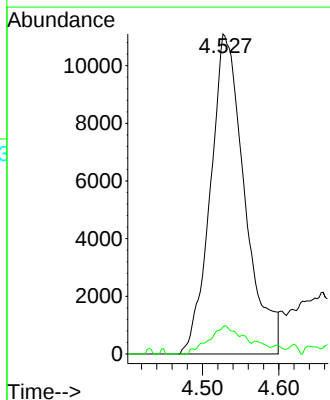
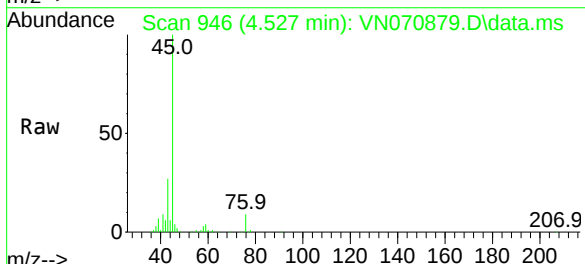
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MSVOA_N
ClientSampleId :
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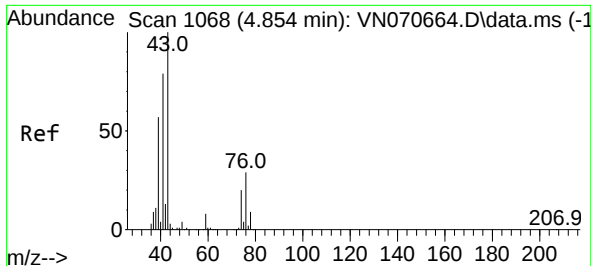
Tgt Ion: 43 Resp:13345595
Ion Ratio Lower Upper
43 100
58 30.9 23.1 34.7



#17
Carbon Disulfide
Concen: 0.827 ug/l
RT: 4.527 min Scan# 946
Delta R.T. -0.002 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 76 Resp: 34640
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3





#18

Methyl Acetate

Concen: 94.488 ug/l

RT: 4.851 min Scan# 1068

Delta R.T. -0.003 min

Lab File: VN070879.D

Acq: 1 Feb 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

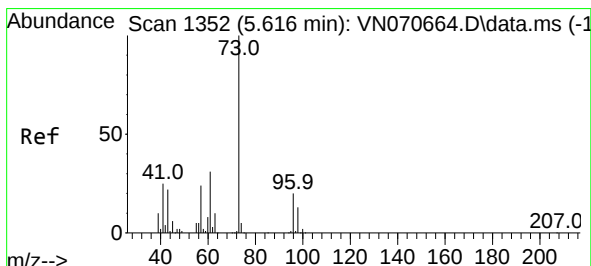
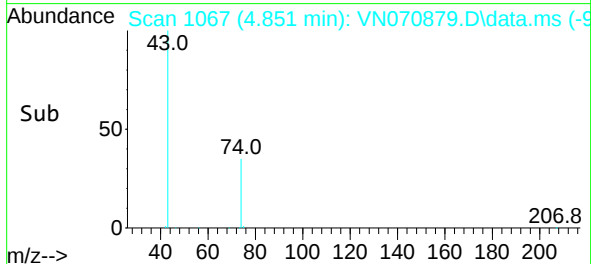
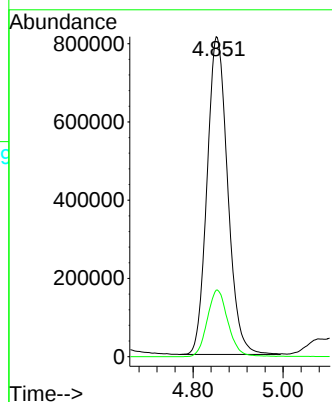
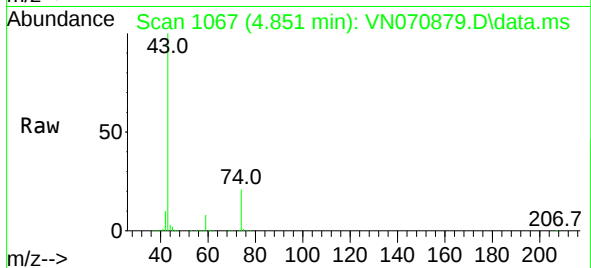
31528

Tgt Ion: 43 Resp: 2577749

Ion Ratio Lower Upper

43 100

74 21.1 19.4 29.2



#19

Methyl tert-butyl Ether

Concen: 158.146 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN070879.D

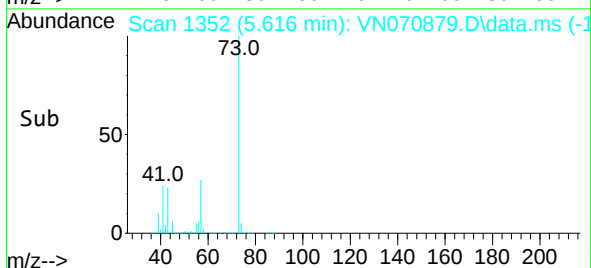
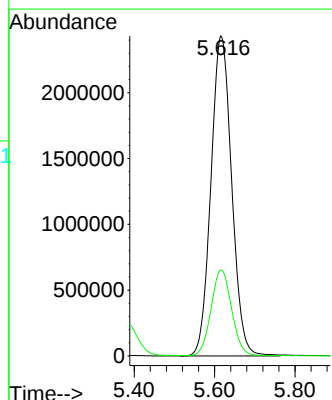
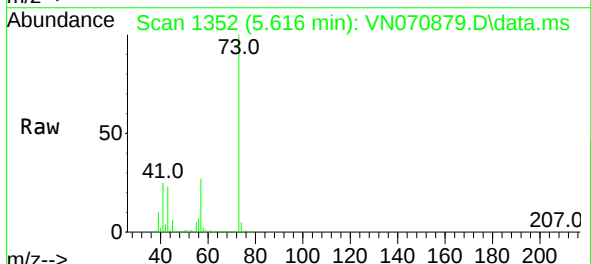
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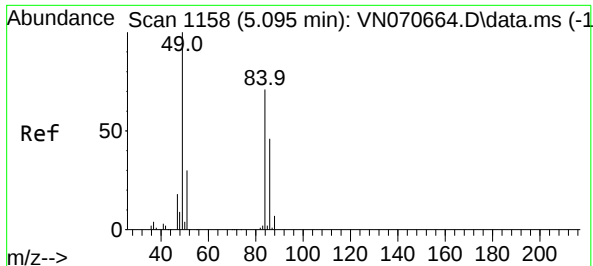
Tgt Ion: 73 Resp: 8716132

Ion Ratio Lower Upper

73 100

57 26.8 16.8 25.2#

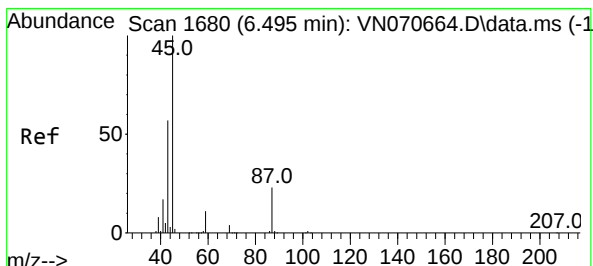
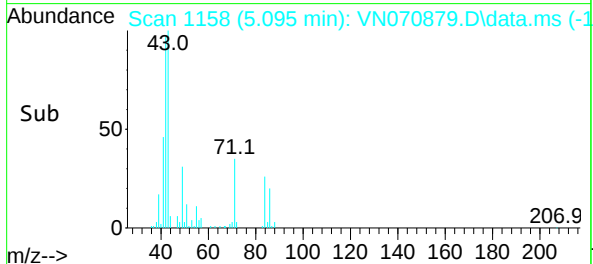
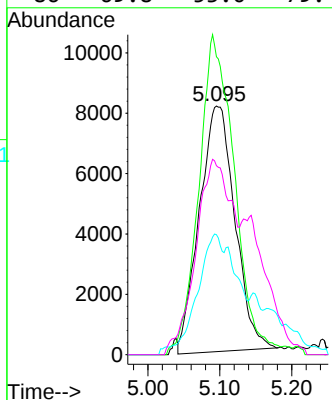
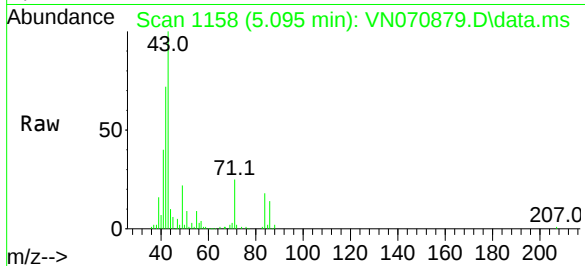




#20
Methylene Chloride
Concen: 1.530 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070879.D
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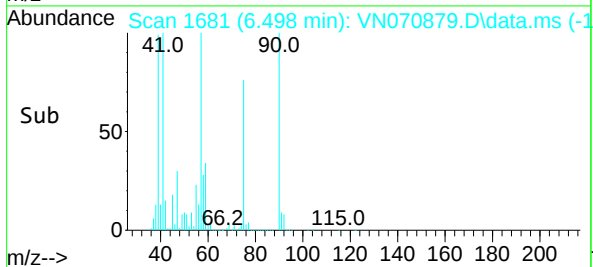
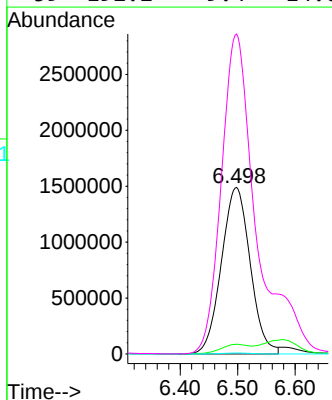
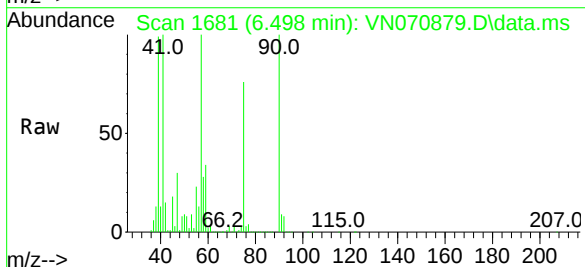
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31528

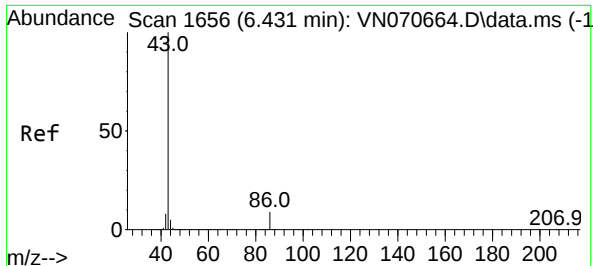
Tgt Ion:	84	Resp:	27959
Ion	Ratio	Lower	Upper
84	100		
49	119.5	93.5	140.3
51	45.0	29.4	44.2#
86	69.8	53.0	79.4



#22
Diisopropyl ether
Concen: 77.799 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion:	45	Resp:	5183588
Ion	Ratio	Lower	Upper
45	100		
43	5.8	51.7	77.5#
87	0.6	23.2	34.8#
59	192.2	9.4	14.0#

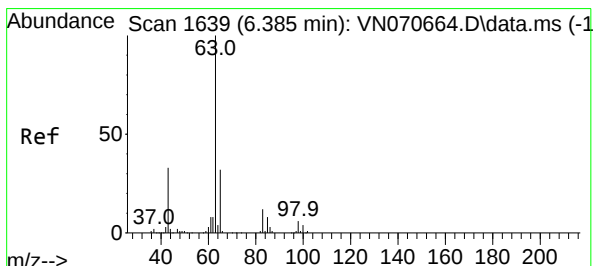
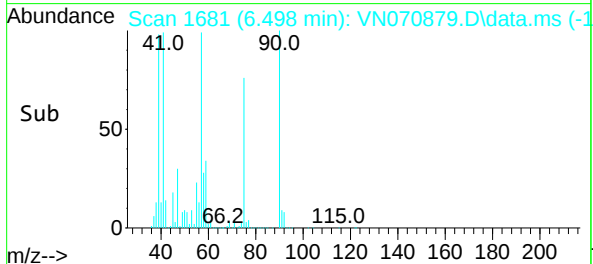
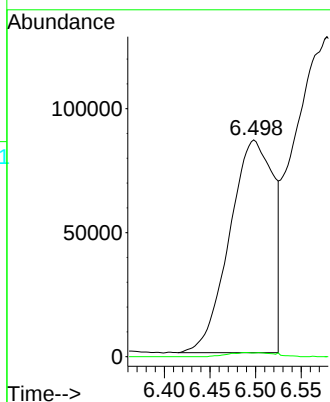
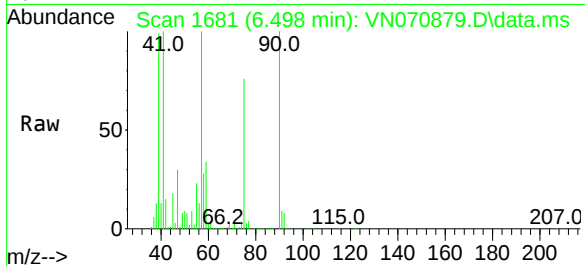




#23
 Vinyl Acetate
 Concen: 5.096 ug/l
 RT: 6.498 min Scan# 1681
 Delta R.T. 0.067 min
 Lab File: VN070879.D
 Acq: 1 Feb 2022 18:36

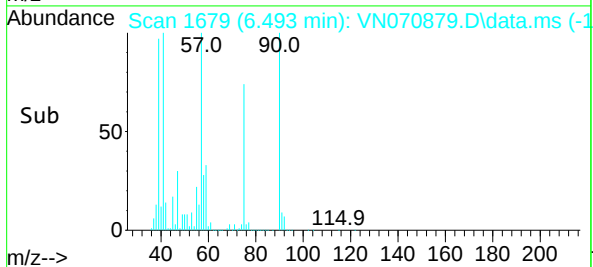
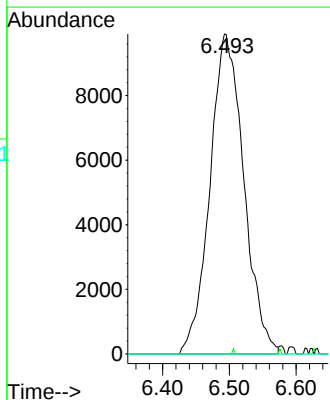
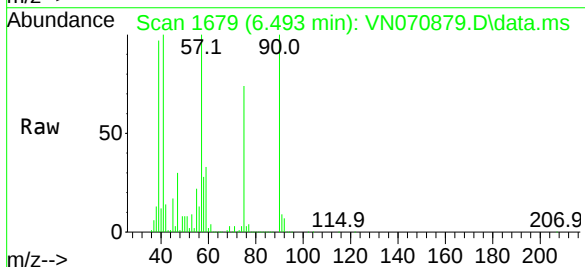
Instrument :
 MSVOA_N
 ClientSampleId :
 31528

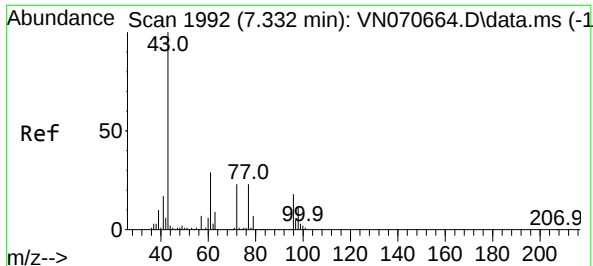
Tgt Ion: 43 Resp: 287819
 Ion Ratio Lower Upper
 43 100
 86 1.7 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 1.047 ug/l
 RT: 6.493 min Scan# 1679
 Delta R.T. 0.108 min
 Lab File: VN070879.D
 Acq: 1 Feb 2022 18:36

Tgt Ion: 63 Resp: 34880
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.5#

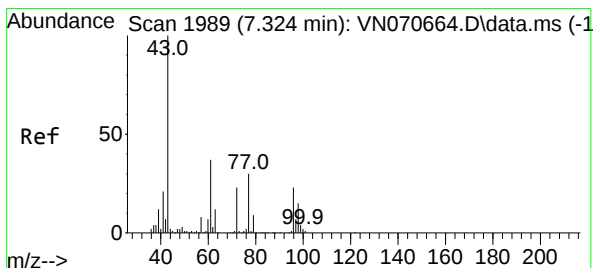
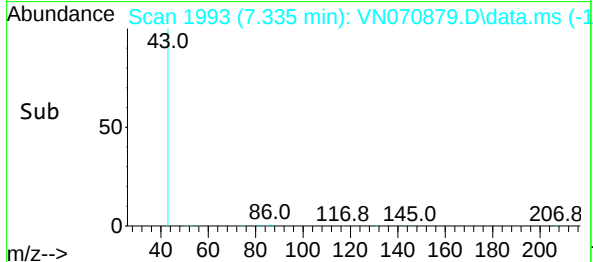
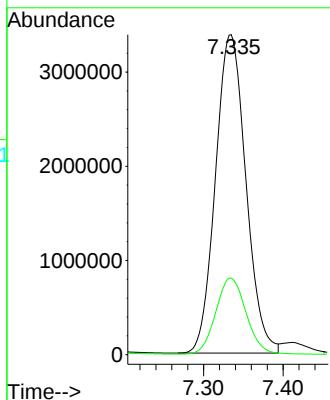
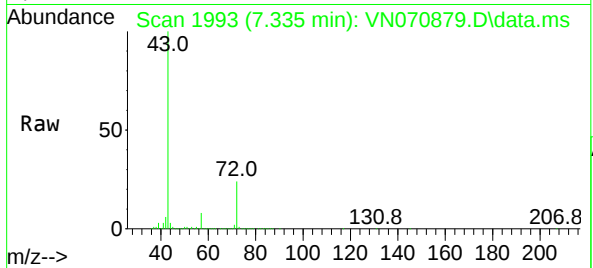




#25
2-Butanone
Concen: 515.369 ug/l
RT: 7.335 min Scan# 1992
Delta R.T. 0.003 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

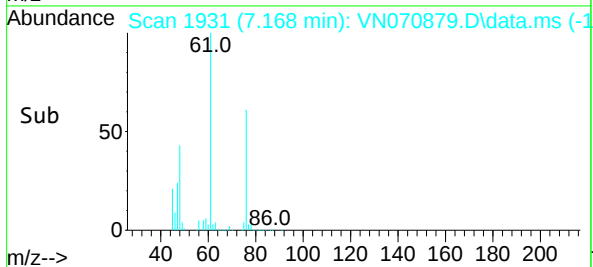
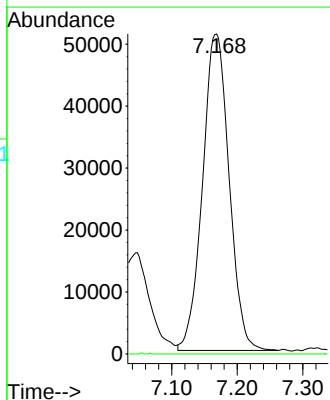
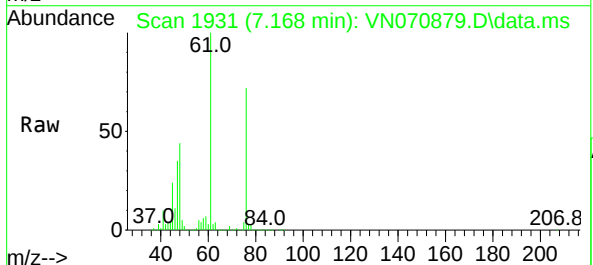
Instrument :
MSVOA_N
ClientSampleId :
31528

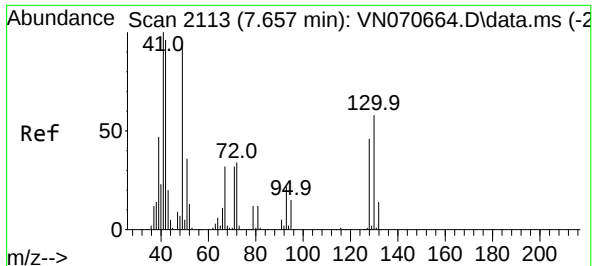
Tgt Ion: 43 Resp: 8996154
Ion Ratio Lower Upper
43 100
72 23.8 21.7 32.5



#26
2,2-Dichloropropane
Concen: 5.629 ug/l
RT: 7.168 min Scan# 1931
Delta R.T. -0.156 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 77 Resp: 143825
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#

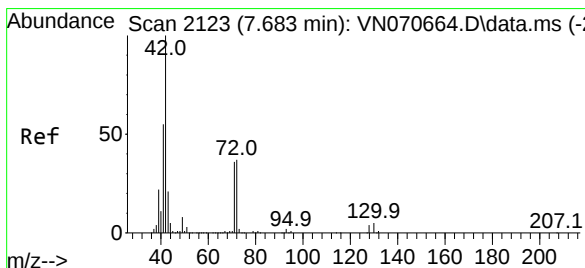
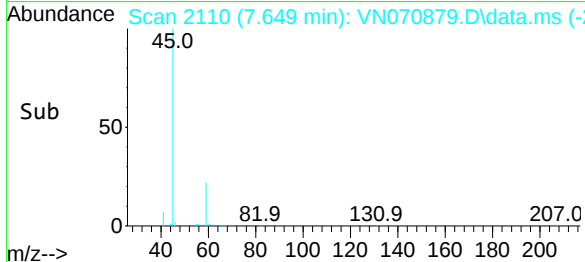
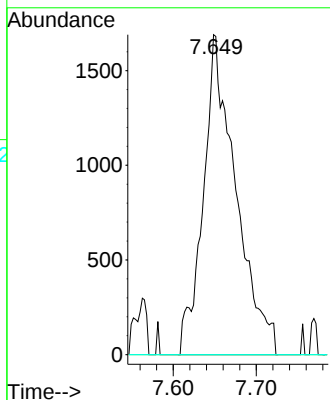
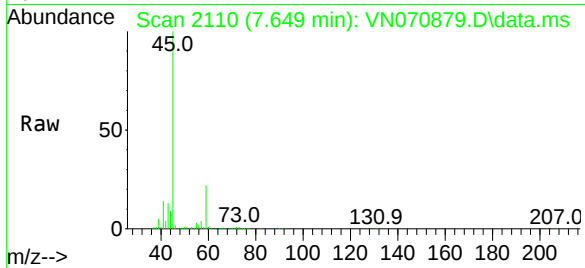




#28
Bromochloromethane
Concen: 0.308 ug/l
RT: 7.649 min Scan# 2110
Delta R.T. -0.008 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

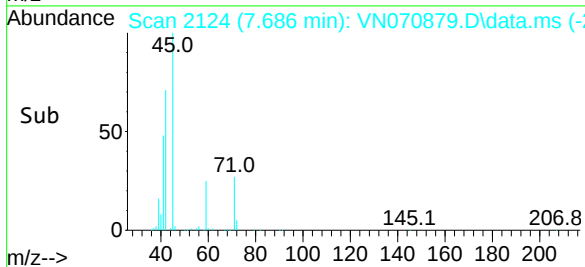
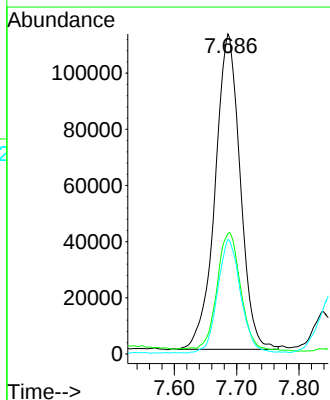
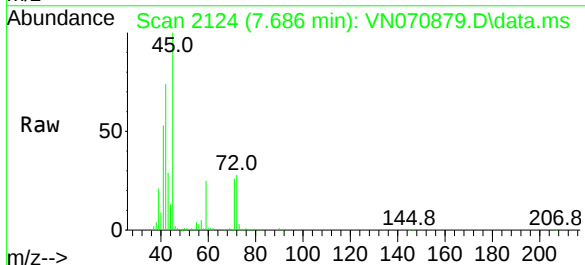
Instrument :
MSVOA_N
ClientSampleId :
31528

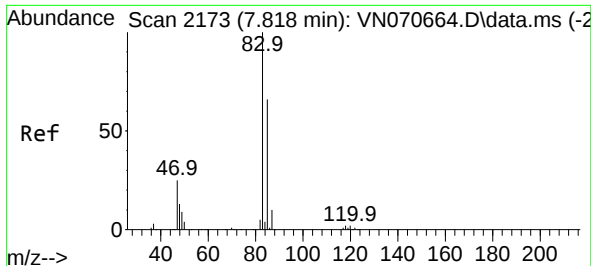
Tgt Ion: 49 Resp: 4612
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 67.8 101.8#



#29
Tetrahydrofuran
Concen: 29.392 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.003 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 42 Resp: 314152
Ion Ratio Lower Upper
42 100
72 34.3 36.3 54.5#
71 33.0 34.7 52.1#

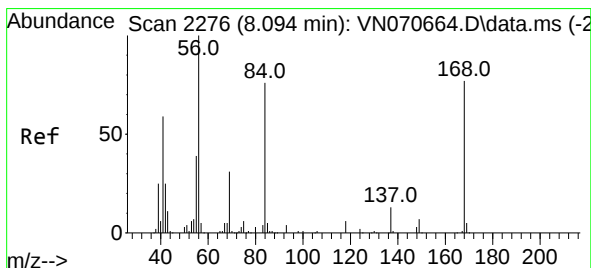
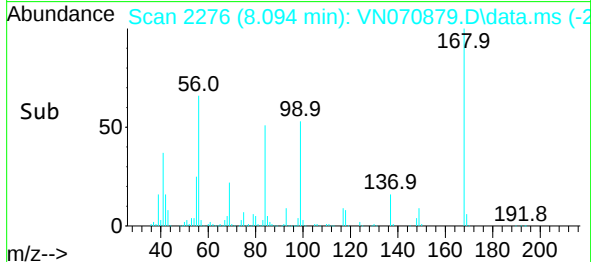
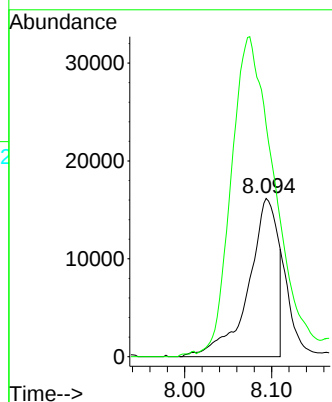
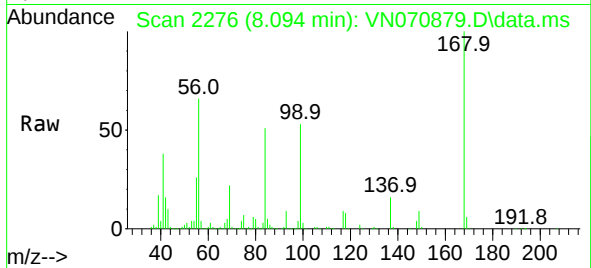




#30
Chloroform
Concen: 0.654 ug/l
RT: 8.094 min Scan# 2173
Delta R.T. 0.276 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

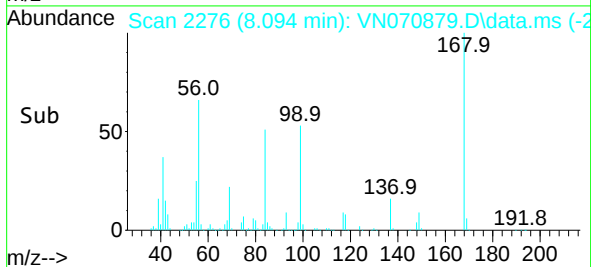
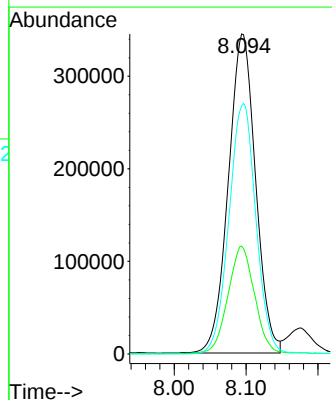
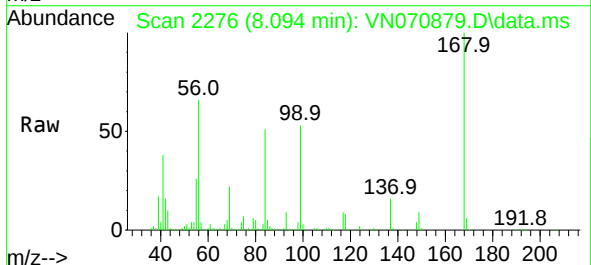
Instrument :
MSVOA_N
ClientSampleId :
31528

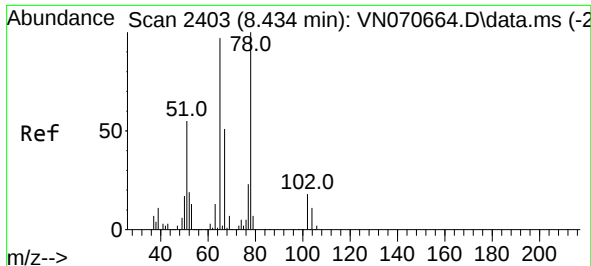
Tgt Ion: 83 Resp: 37551
Ion Ratio Lower Upper
83 100
85 145.5 51.9 77.9#



#31
Cyclohexane
Concen: 25.805 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 56 Resp: 908190
Ion Ratio Lower Upper
56 100
69 33.6 27.1 40.7
84 77.8 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 38.359 ug/l

RT: 8.442 min Scan# 24

Delta R.T. 0.008 min

Lab File: VN070879.D

Acq: 1 Feb 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

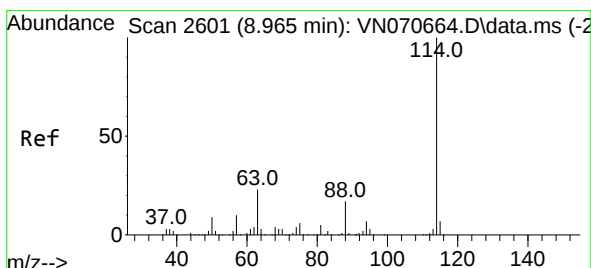
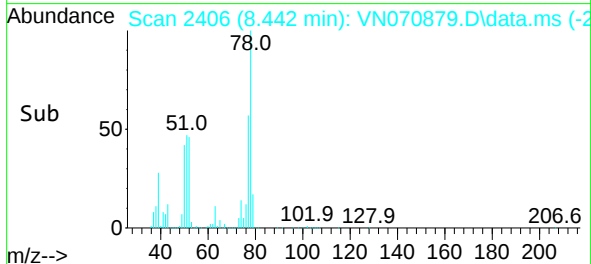
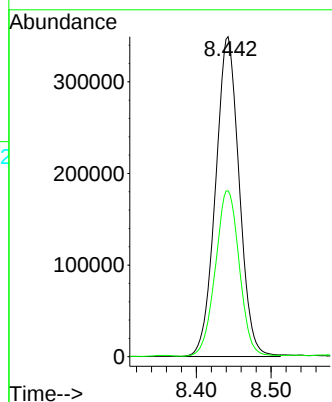
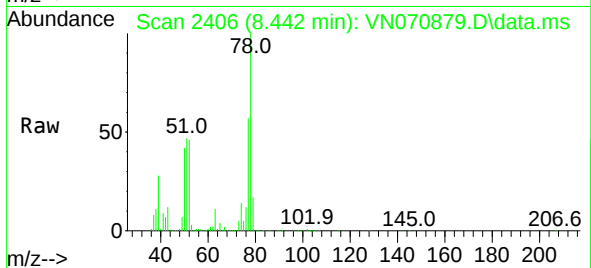
31528

Tgt Ion: 65 Resp: 766658

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070879.D

Acq: 1 Feb 2022 18:36

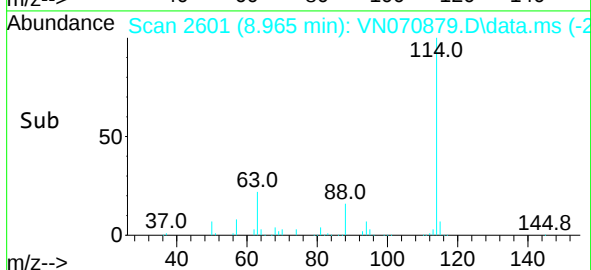
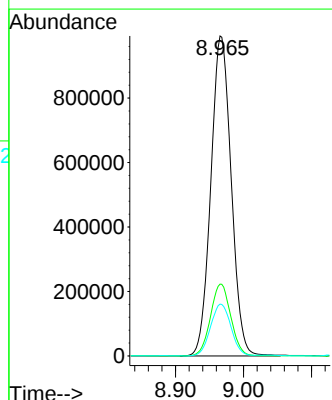
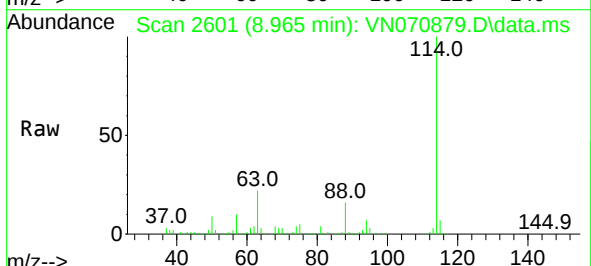
Tgt Ion: 114 Resp: 2065269

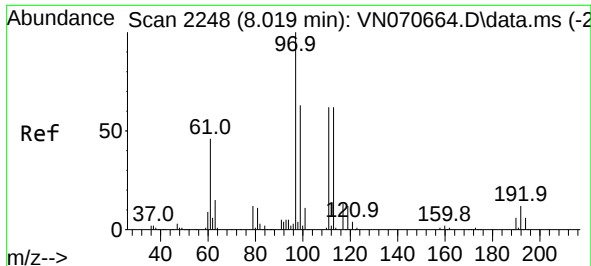
Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.8

88 16.2 0.0 27.4

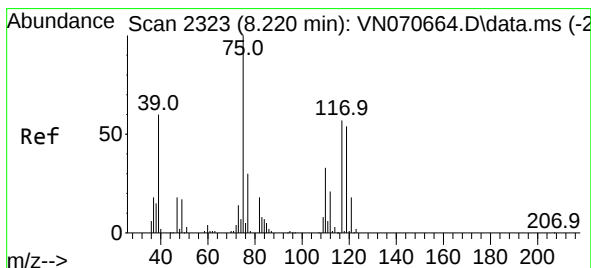
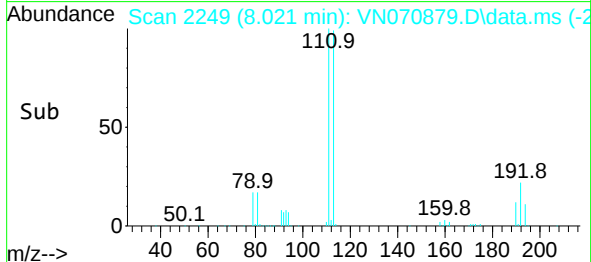
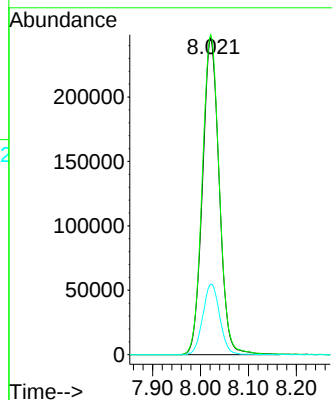
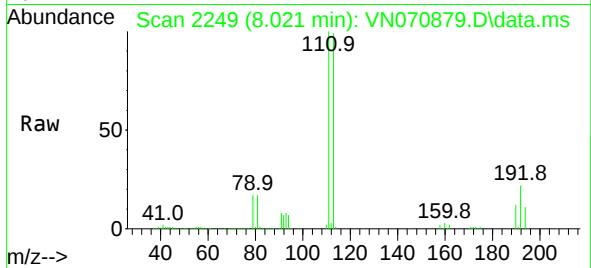




#35
Dibromofluoromethane
Concen: 46.740 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

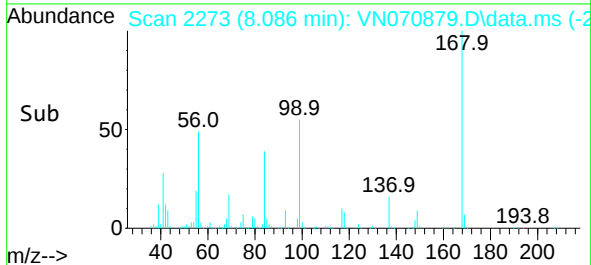
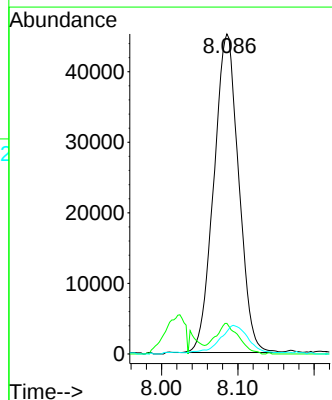
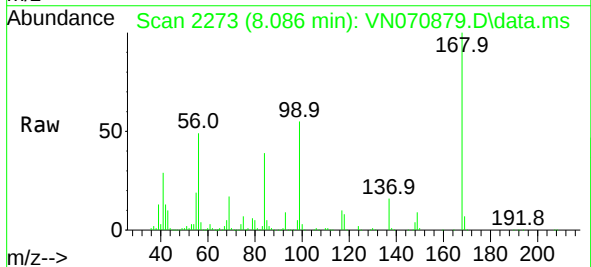
Instrument :
MSVOA_N
ClientSampleId :
31528

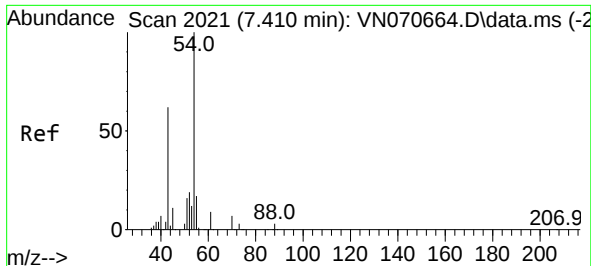
Tgt Ion:113 Resp: 598787
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 22.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.735 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 75 Resp: 102111
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 314.194 ug/l

RT: 7.335 min Scan# 19

Delta R.T. -0.075 min

Lab File: VN070879.D

Acq: 1 Feb 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

31528

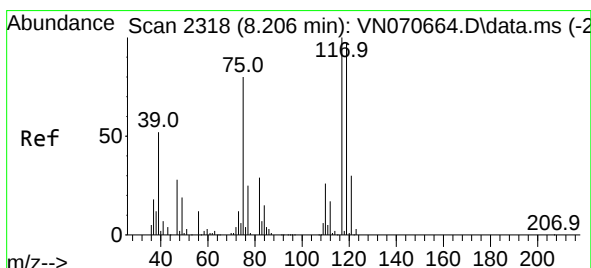
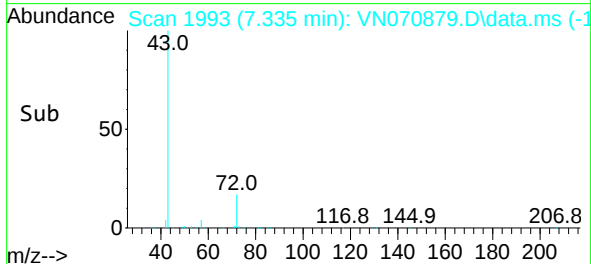
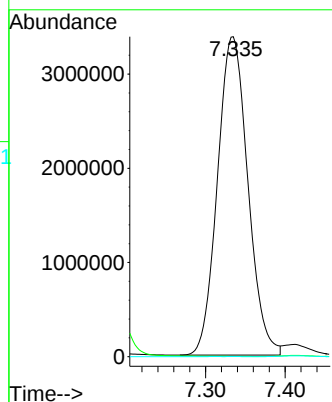
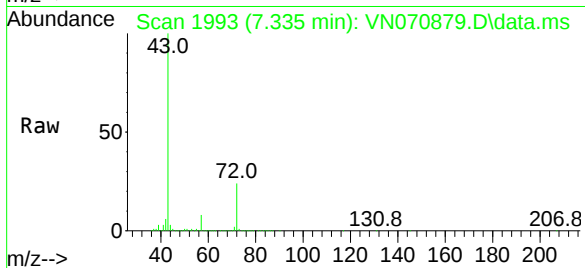
Tgt Ion: 43 Resp: 8996154

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.831 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN070879.D

Acq: 1 Feb 2022 18:36

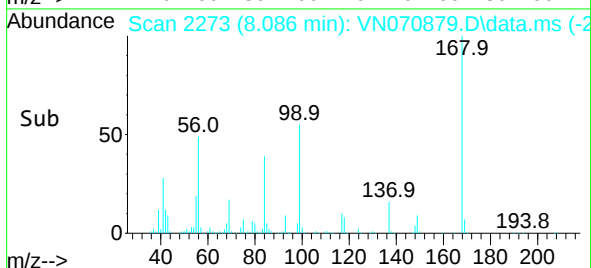
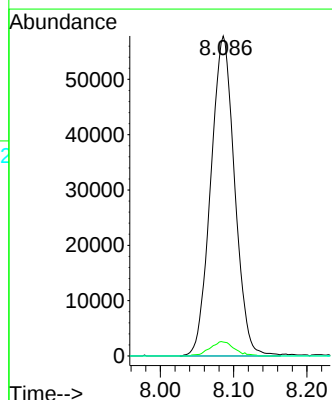
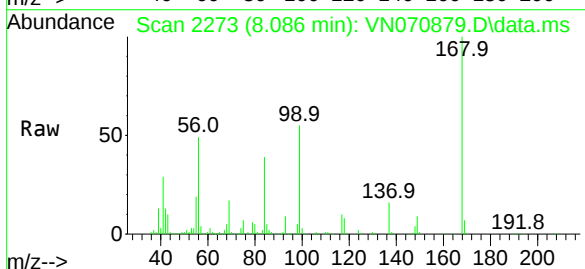
Tgt Ion: 117 Resp: 131061

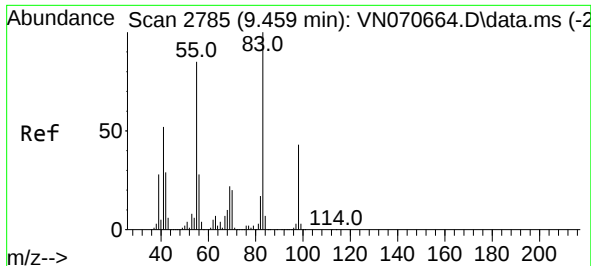
Ion Ratio Lower Upper

117 100

119 4.3 76.1 114.1#

121 0.0 24.2 36.2#

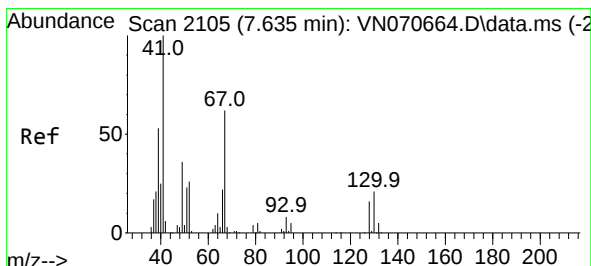
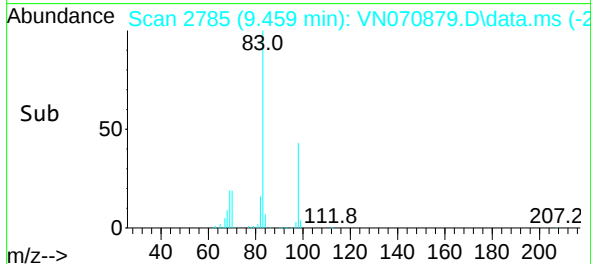
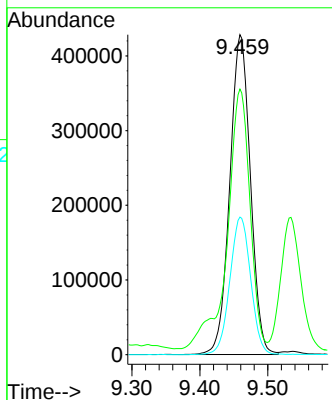
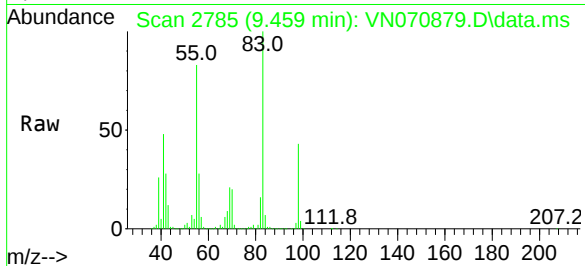




#39
Methylcyclohexane
Concen: 33.905 ug/l
RT: 9.459 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

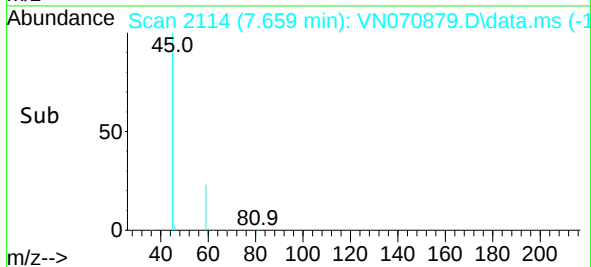
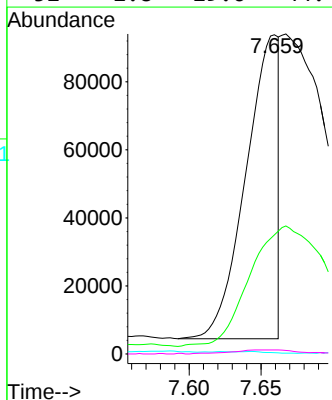
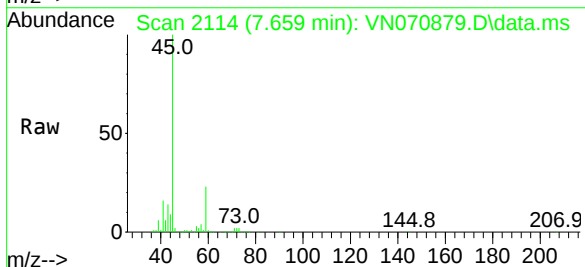
Instrument :
MSVOA_N
ClientSampleId :
31528

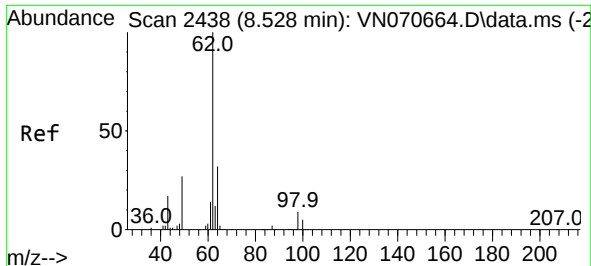
Tgt Ion: 83 Resp: 902727
Ion Ratio Lower Upper
83 100
55 81.1 58.1 87.1
98 43.0 38.4 57.6



#41
Methacrylonitrile
Concen: 9.690 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.024 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 41 Resp: 141154
Ion Ratio Lower Upper
41 100
39 94.9 48.1 72.1#
67 0.0 68.3 102.5#
52 2.8 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 47.122 ug/l

RT: 8.464 min Scan# 2414

Delta R.T. -0.064 min

Lab File: VN070879.D

Acq: 1 Feb 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

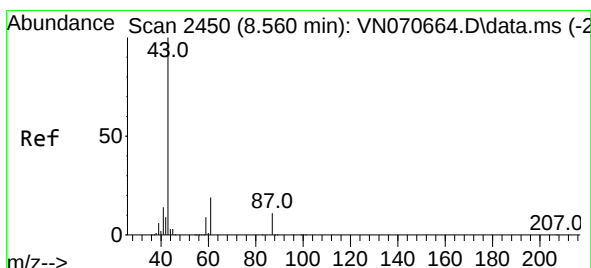
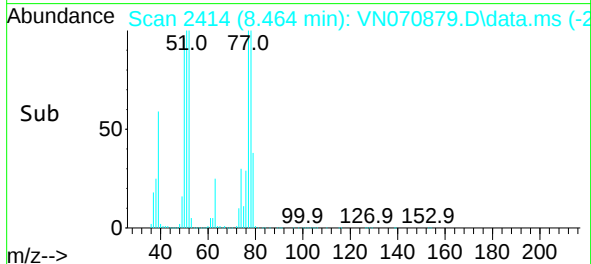
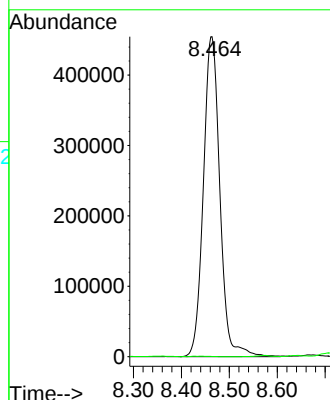
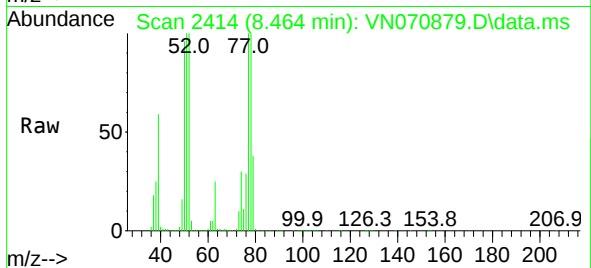
31528

Tgt Ion: 62 Resp: 1091876

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 14.342 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN070879.D

Acq: 1 Feb 2022 18:36

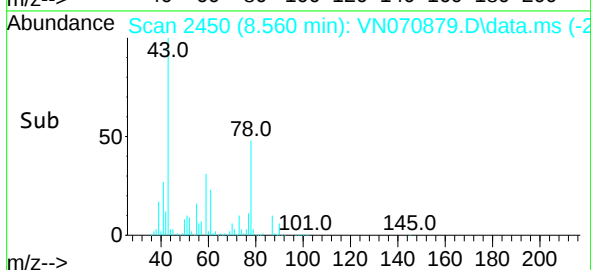
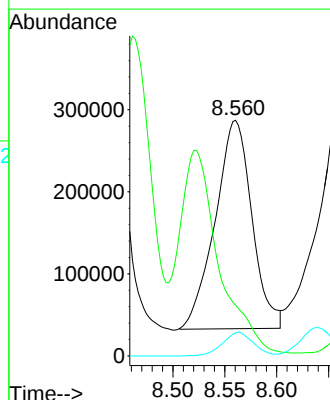
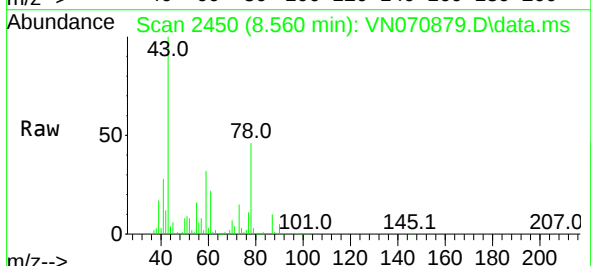
Tgt Ion: 43 Resp: 627236

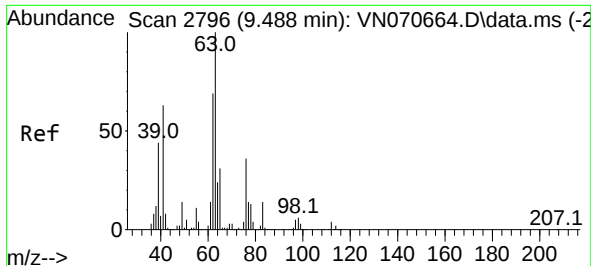
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 9.6 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 1.755 ug/l

RT: 9.507 min Scan# 2812

Delta R.T. 0.019 min

Lab File: VN070879.D

Acq: 1 Feb 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

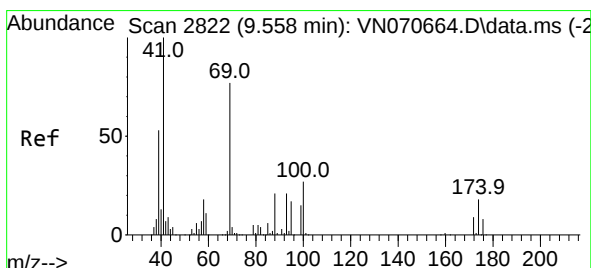
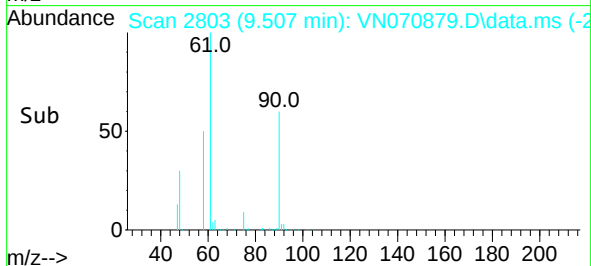
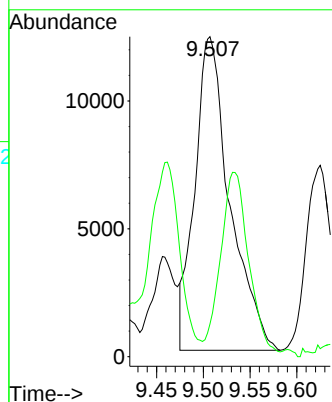
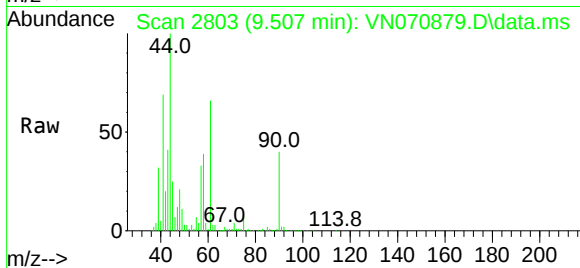
31528

Tgt Ion: 63 Resp: 31914

Ion Ratio Lower Upper

63 100

65 8.9 24.7 37.1#



#48

Methyl methacrylate

Concen: 126.179 ug/l

RT: 9.531 min Scan# 2812

Delta R.T. -0.027 min

Lab File: VN070879.D

Acq: 1 Feb 2022 18:36

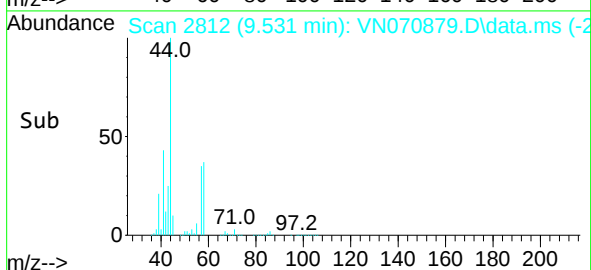
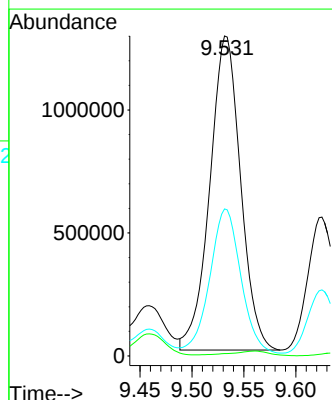
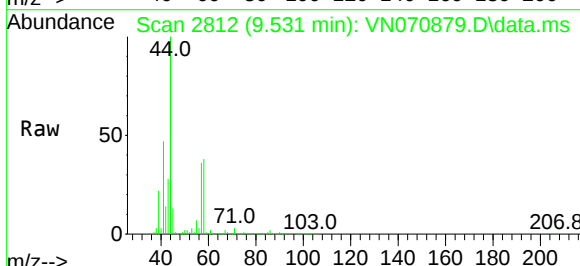
Tgt Ion: 41 Resp: 2628875

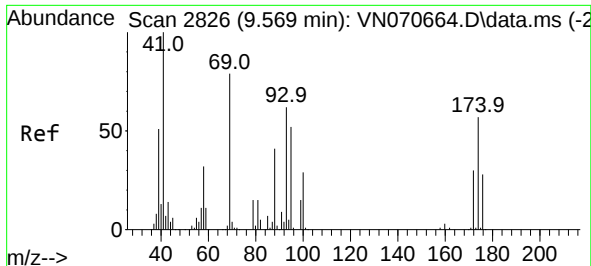
Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 46.3 58.4 87.6#





#49

1,4-Dioxane

Concen: 106.590 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070879.D

Acq: 1 Feb 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

31528

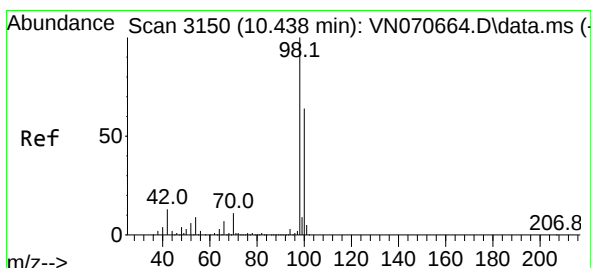
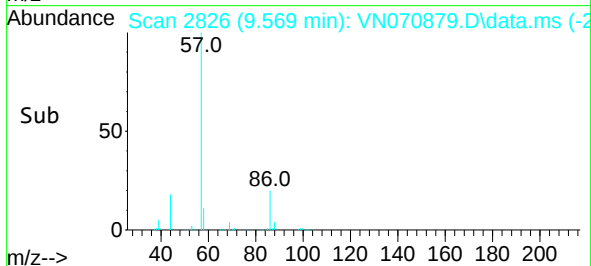
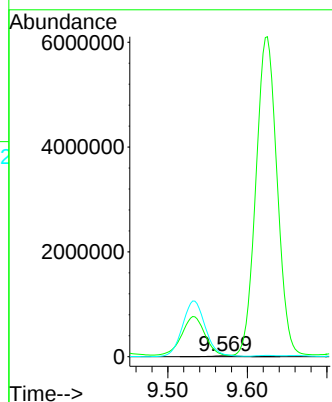
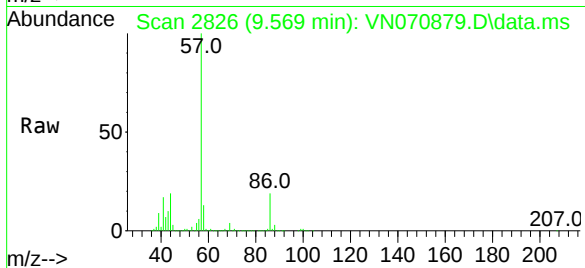
Tgt Ion: 88 Resp: 33358

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 46.570 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.005 min

Lab File: VN070879.D

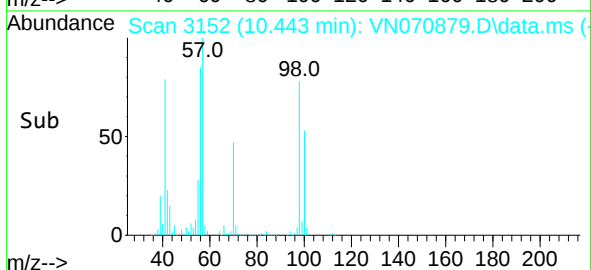
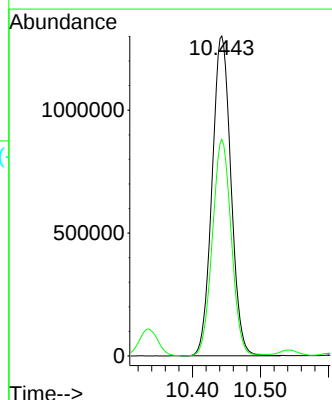
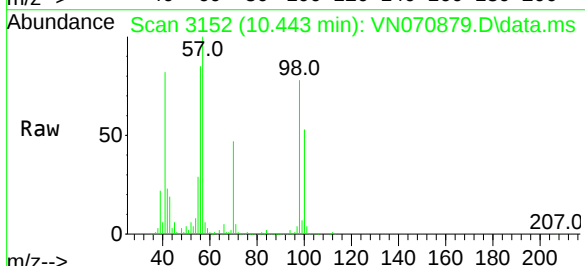
Acq: 1 Feb 2022 18:36

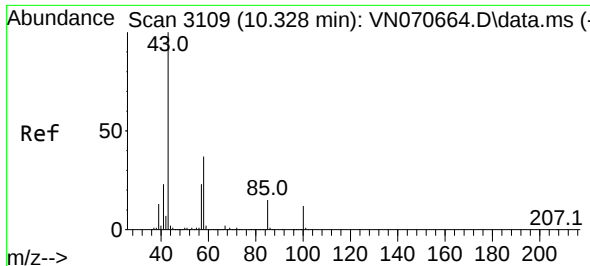
Tgt Ion: 98 Resp: 2513334

Ion Ratio Lower Upper

98 100

100 67.9 50.4 75.6

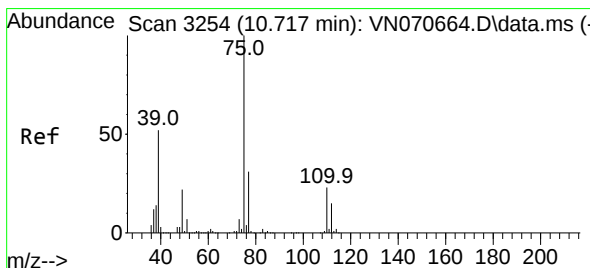
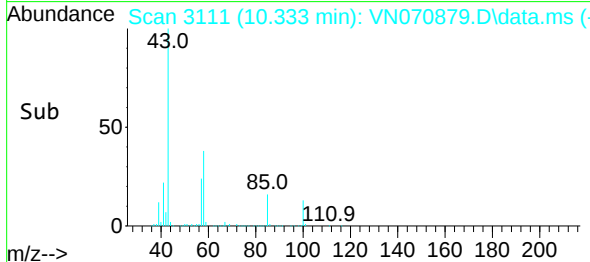
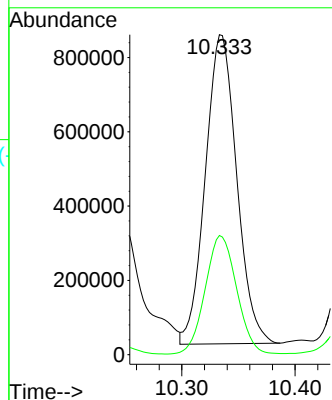
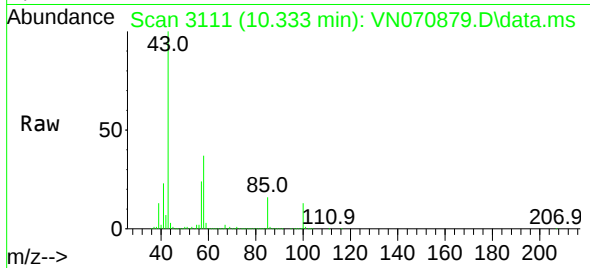




#51
4-Methyl-2-Pentanone
Concen: 57.278 ug/l
RT: 10.333 min Scan# 3109
Delta R.T. 0.005 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

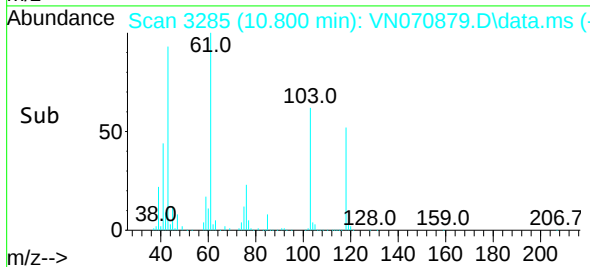
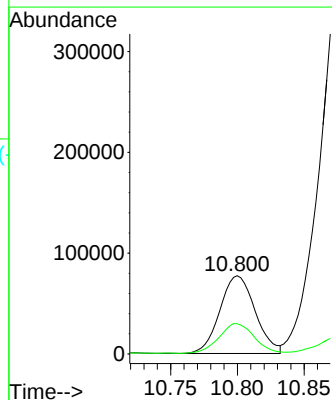
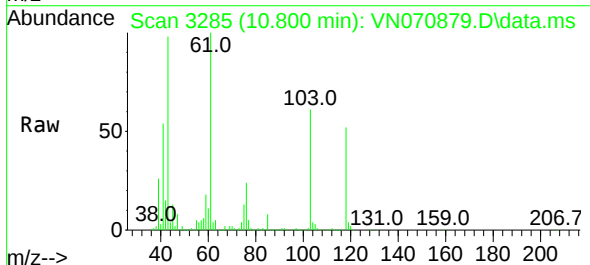
Instrument :
MSVOA_N
ClientSampleId :
31528

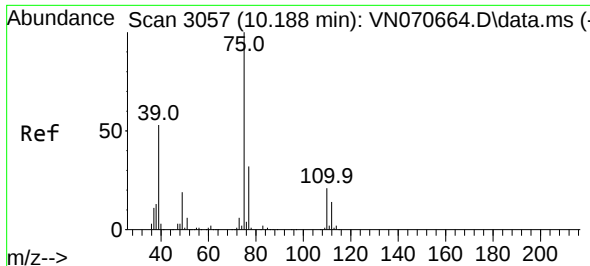
Tgt Ion: 43 Resp: 1598417
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6



#53
t-1,3-Dichloropropene
Concen: 7.558 ug/l
RT: 10.800 min Scan# 3285
Delta R.T. 0.083 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 75 Resp: 141888
Ion Ratio Lower Upper
75 100
77 38.2 25.6 38.4

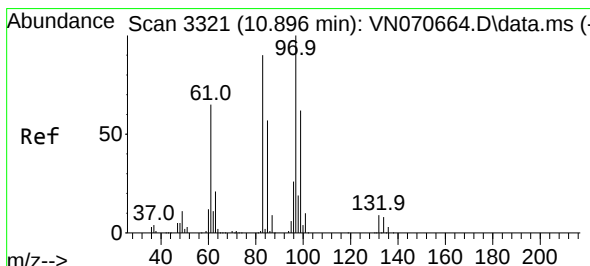
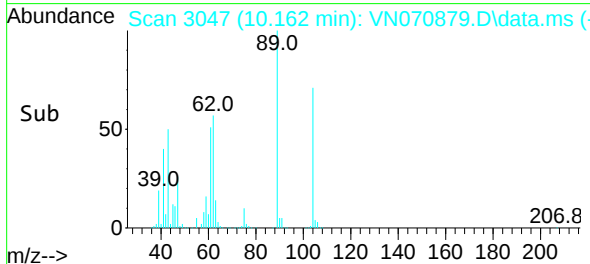
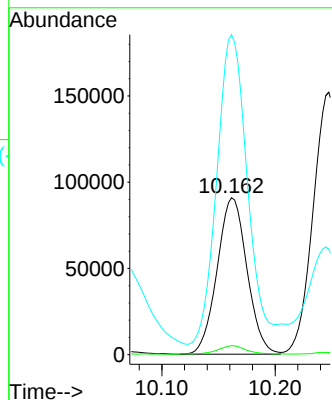
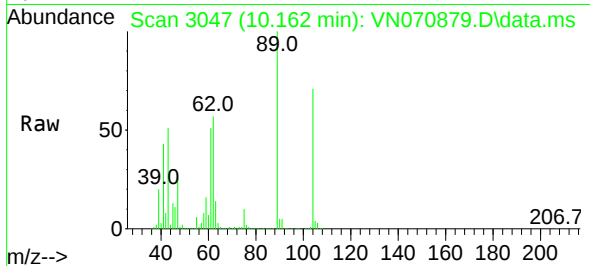




#54
cis-1,3-Dichloropropene
Concen: 6.404 ug/l
RT: 10.162 min Scan# 3057
Delta R.T. -0.026 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

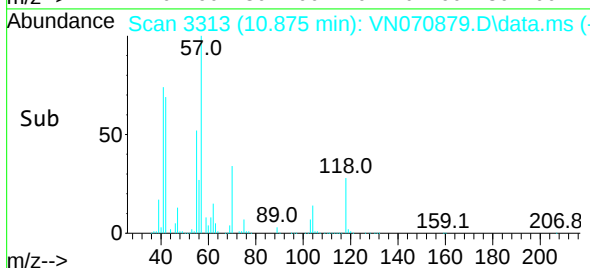
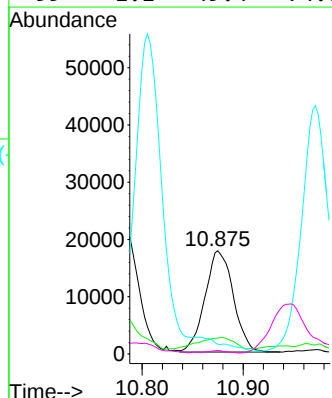
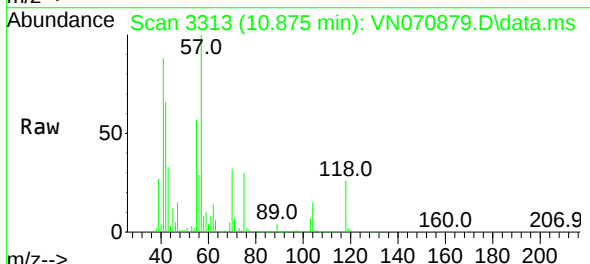
Instrument :
MSVOA_N
ClientSampleId :
31528

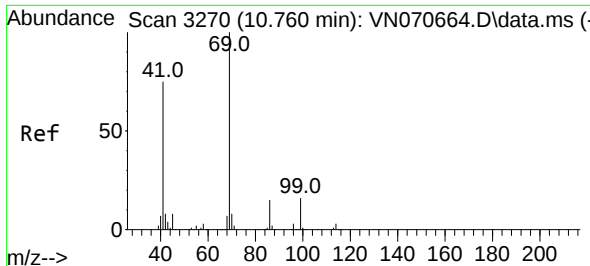
Tgt Ion: 75 Resp: 165960
Ion Ratio Lower Upper
75 100
77 5.3 26.4 39.6#
39 196.4 42.5 63.7#



#55
1,1,2-Trichloroethane
Concen: 2.187 ug/l
RT: 10.875 min Scan# 3313
Delta R.T. -0.021 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 97 Resp: 34345
Ion Ratio Lower Upper
97 100
83 9.1 67.8 101.6#
85 0.0 45.4 68.2#
99 1.1 49.4 74.0#

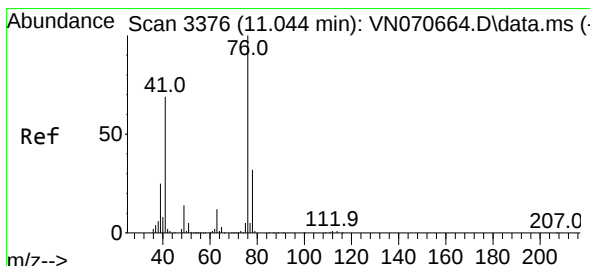
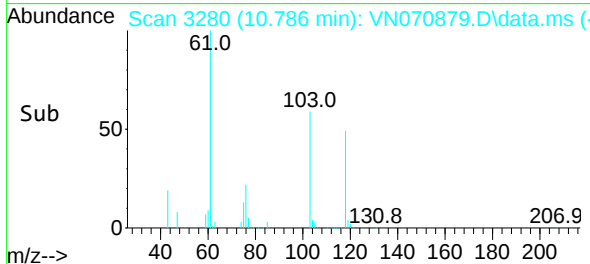
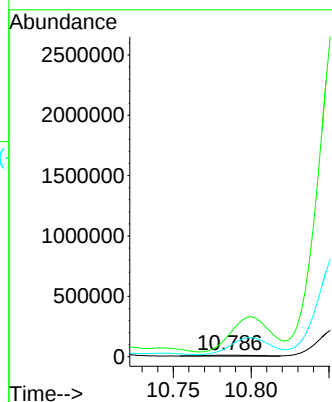
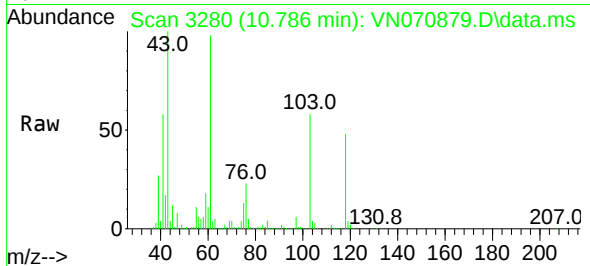




#56
Ethyl methacrylate
Concen: 2.906 ug/l
RT: 10.786 min Scan# 31528
Delta R.T. 0.026 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

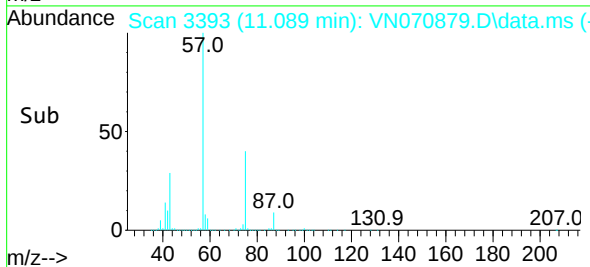
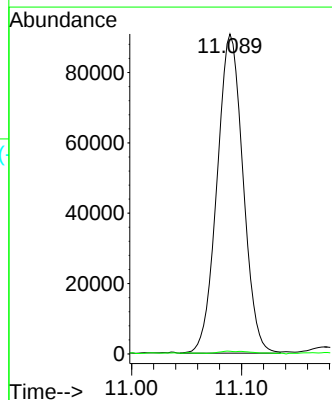
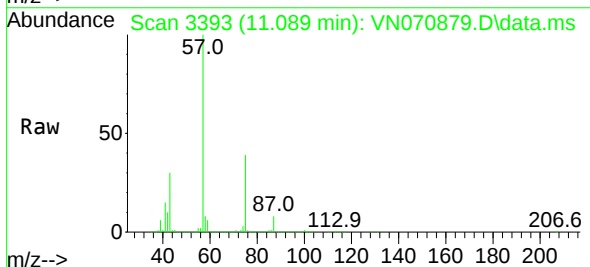
Instrument :
MSVOA_N
ClientSampleId :
31528

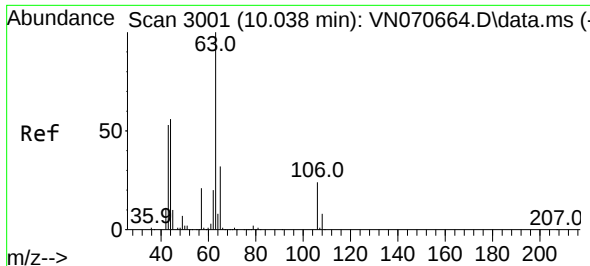
Tgt Ion: 69 Resp: 18905
Ion Ratio Lower Upper
69 100
41 2702.0 51.4 77.0#
39 1285.5 34.6 52.0#



#57
1,3-Dichloropropane
Concen: 5.352 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.045 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 76 Resp: 148796
Ion Ratio Lower Upper
76 100
78 0.4 25.7 38.5#

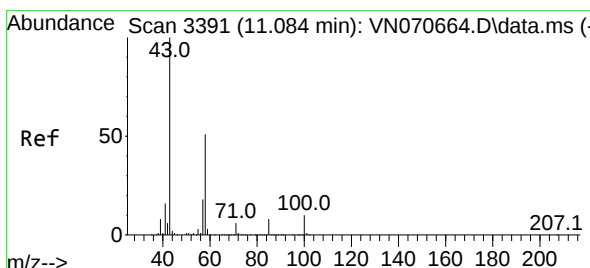
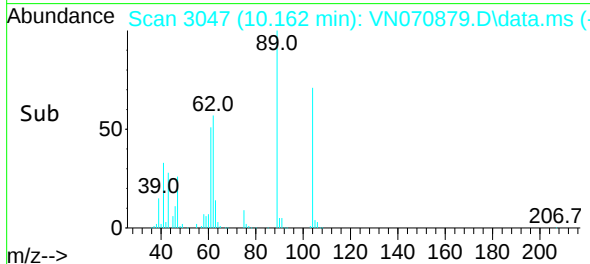
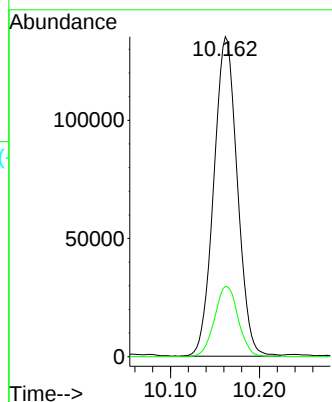
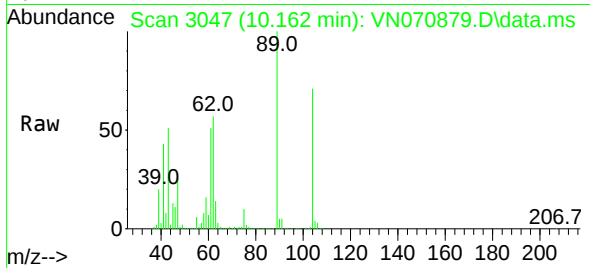




#58
2-Chloroethyl Vinyl ether
Concen: 51.255 ug/l
RT: 10.162 min Scan# 3001
Delta R.T. 0.124 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

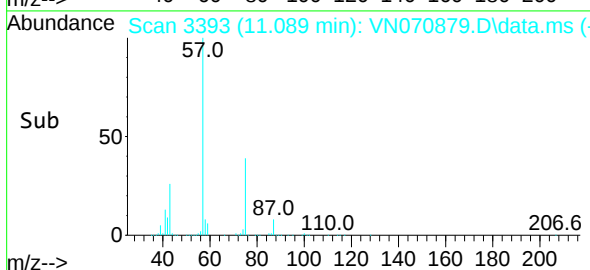
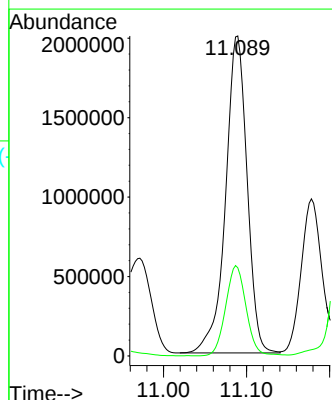
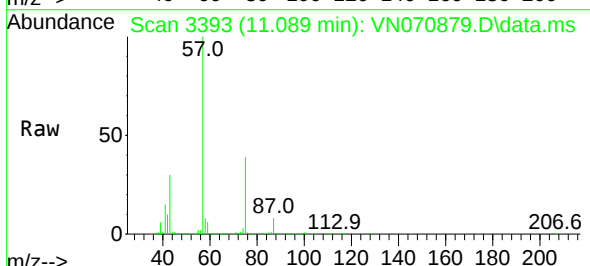
Instrument :
MSVOA_N
ClientSampleId :
31528

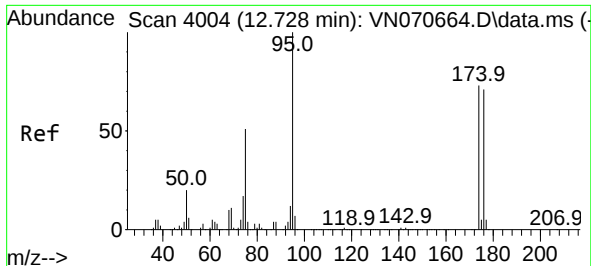
Tgt Ion: 63 Resp: 248543
Ion Ratio Lower Upper
63 100
106 22.1 23.9 35.9#



#59
2-Hexanone
Concen: 177.120 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 43 Resp: 3590671
Ion Ratio Lower Upper
43 100
58 27.1 26.9 80.7

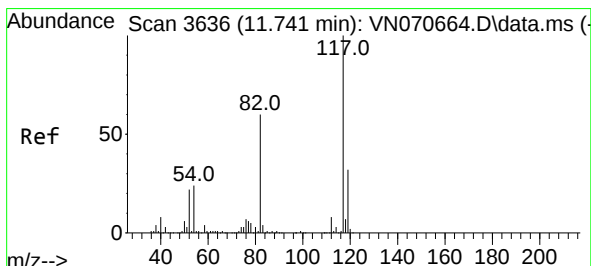
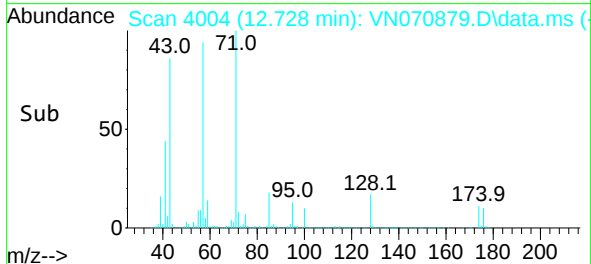
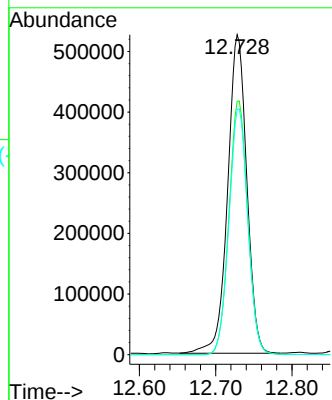
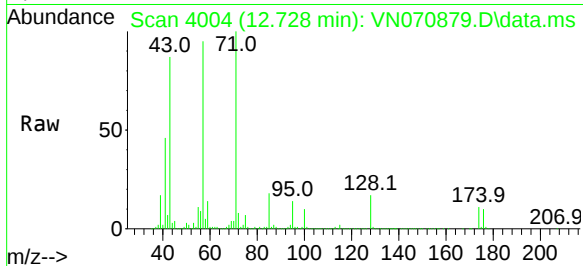




#62
4-Bromofluorobenzene
Concen: 47.472 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

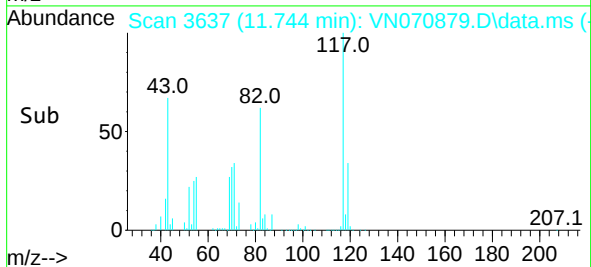
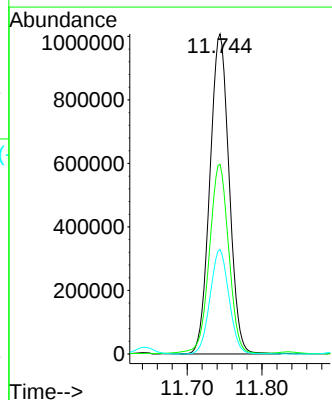
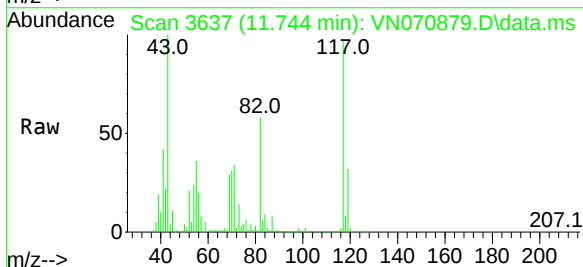
Instrument :
MSVOA_N
ClientSampleId :
31528

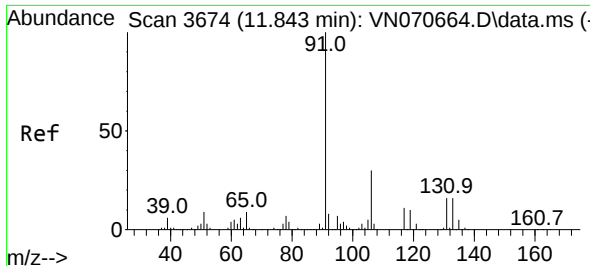
Tgt Ion: 95 Resp: 912966
Ion Ratio Lower Upper
95 100
174 78.3 0.0 187.2
176 76.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 117 Resp: 1797468
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.6 25.4 38.2

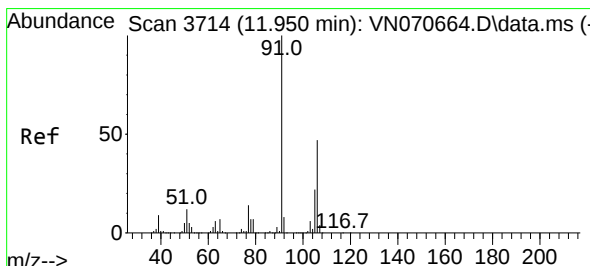
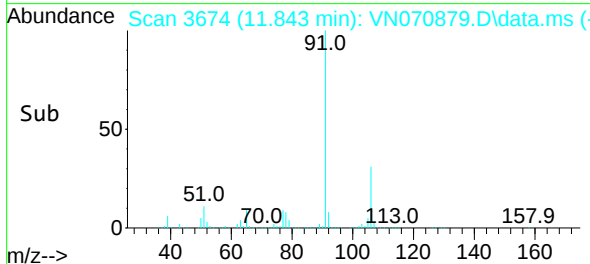
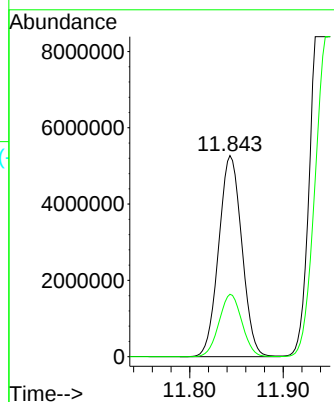
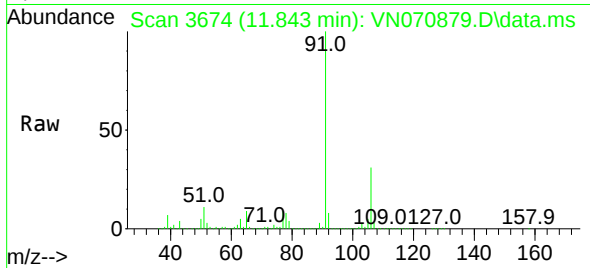




#67
Ethyl Benzene
Concen: 125.792 ug/l
RT: 11.843 min Scan# 301
Delta R.T. 0.000 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

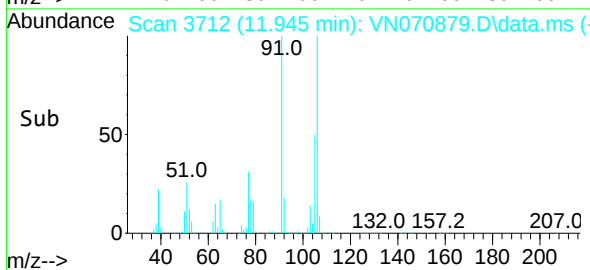
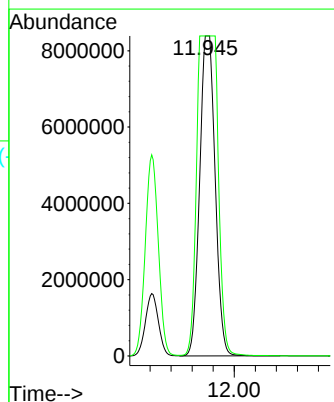
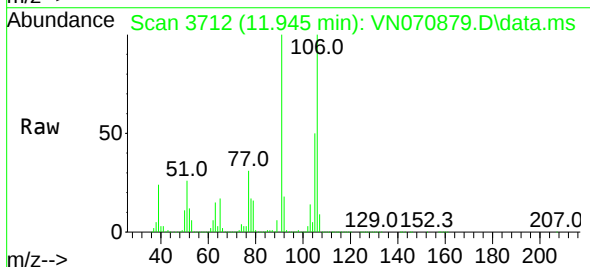
Instrument :
MSVOA_N
ClientSampleId :
31528

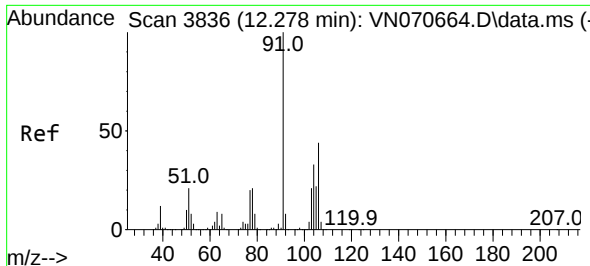
Tgt Ion: 91 Resp: 9082561
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5



#68
m/p-Xylenes
Concen: 649.581 ug/l
RT: 11.945 min Scan# 3712
Delta R.T. -0.005 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion:106 Resp:17062304
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8#

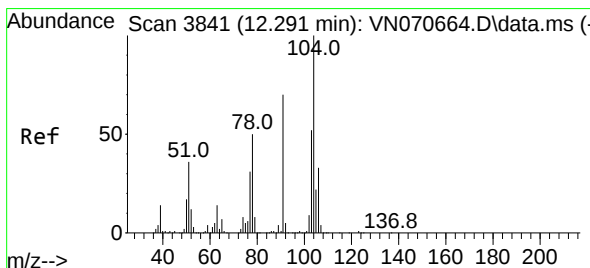
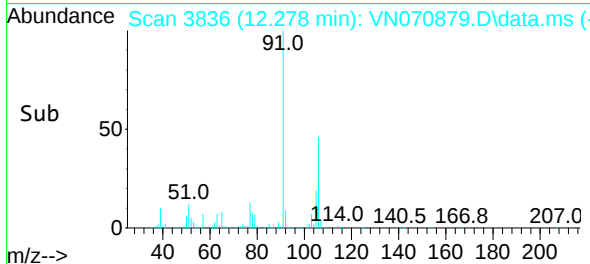
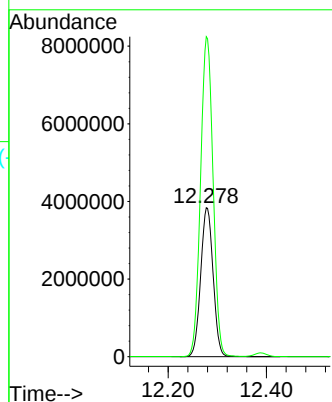
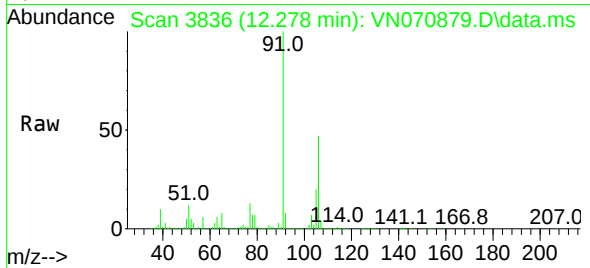




#69
o-Xylene
Concen: 257.215 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

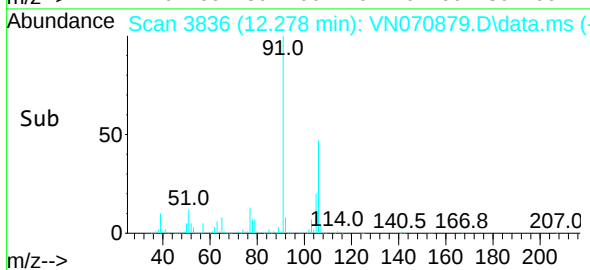
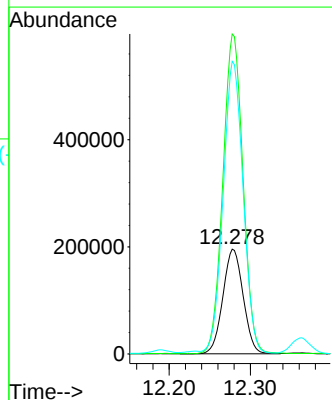
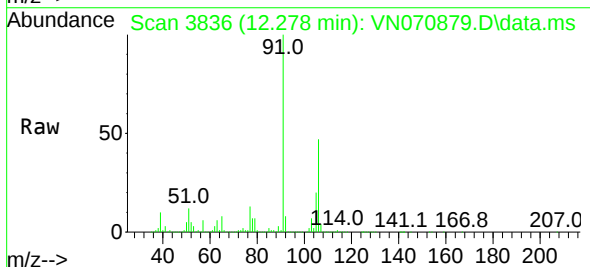
Instrument :
MSVOA_N
ClientSampleId :
31528

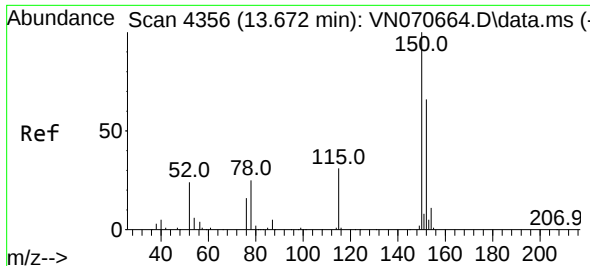
Tgt Ion:106 Resp: 6704767
Ion Ratio Lower Upper
106 100
91 216.9 105.8 317.3



#70
Styrene
Concen: 8.150 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.013 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion:104 Resp: 339867
Ion Ratio Lower Upper
104 100
78 302.3 38.7 58.1#
103 273.3 45.0 67.6#

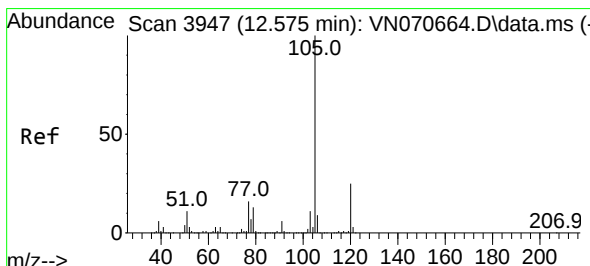
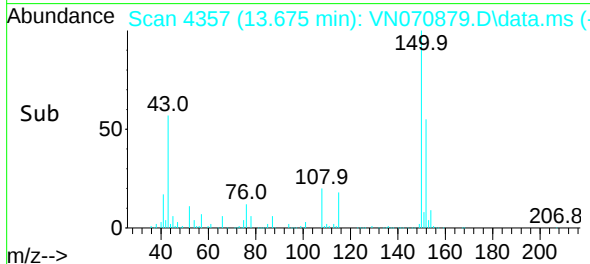
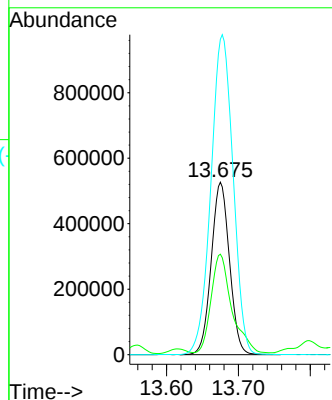
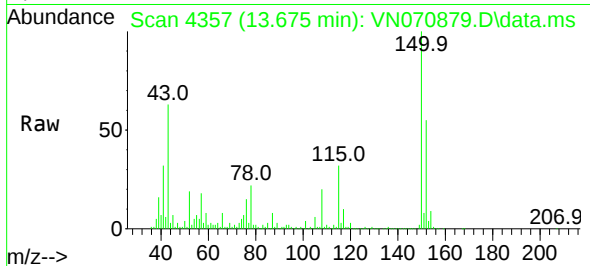




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

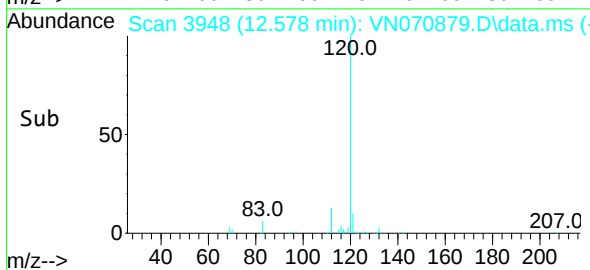
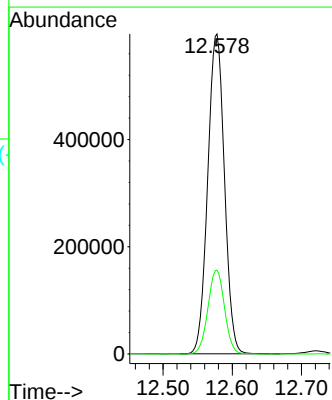
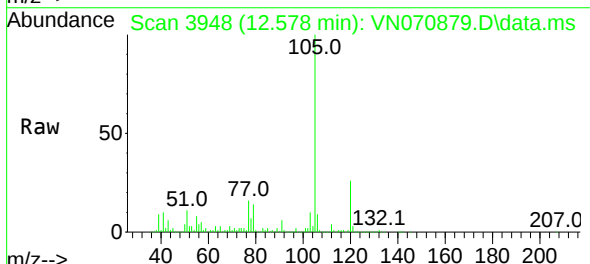
Instrument :
MSVOA_N
ClientSampleId :
31528

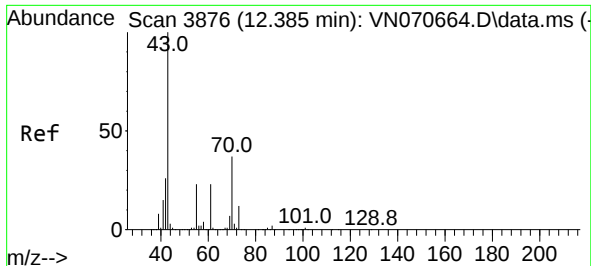
Tgt Ion:152 Resp: 928363
Ion Ratio Lower Upper
152 100
115 64.2 27.5 82.5
150 224.8 0.0 344.4



#73
Isopropylbenzene
Concen: 11.372 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion:105 Resp: 998750
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

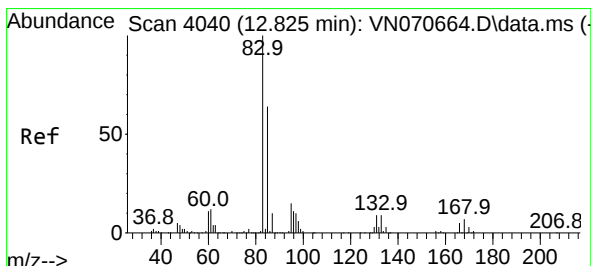
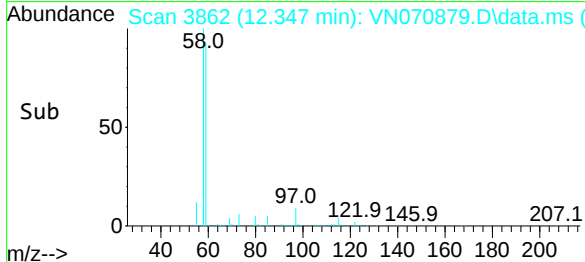
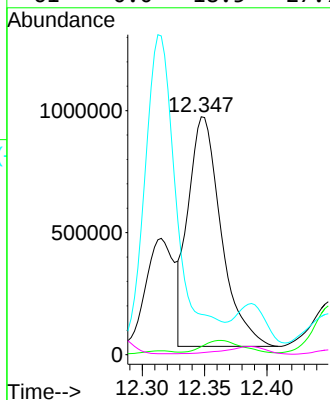
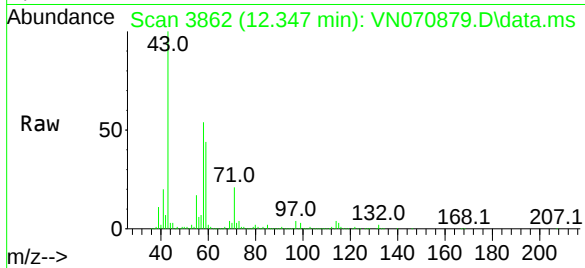




#74
N-amy1 acetate
Concen: 48.299 ug/l
RT: 12.347 min Scan# 31528
Delta R.T. -0.038 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

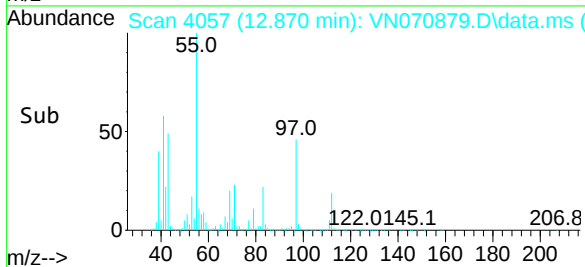
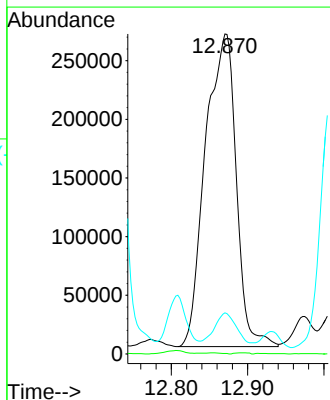
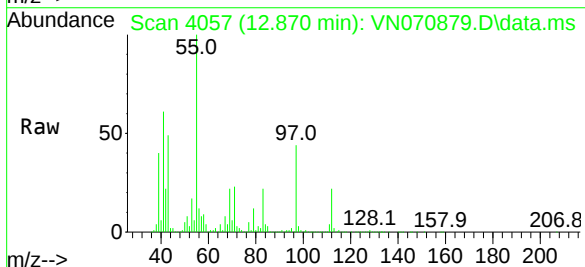
Instrument :
MSVOA_N
ClientSampleId :
31528

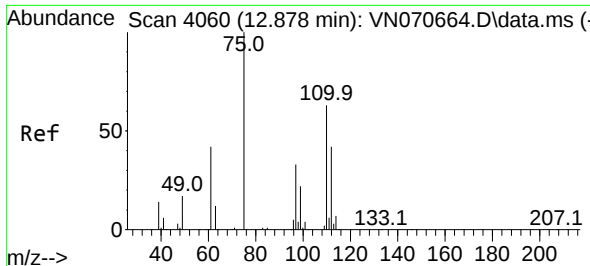
Tgt Ion: 43 Resp: 1734393
Ion Ratio Lower Upper
43 100
70 6.7 33.4 50.0#
55 0.0 19.3 28.9#
61 0.0 18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 25.184 ug/l
RT: 12.870 min Scan# 4057
Delta R.T. 0.045 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 83 Resp: 746988
Ion Ratio Lower Upper
83 100
131 0.2 5.5 16.5#
85 6.6 32.4 97.2#

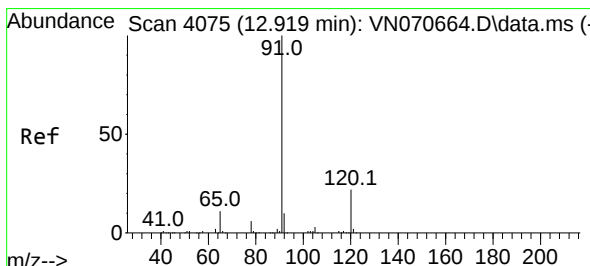
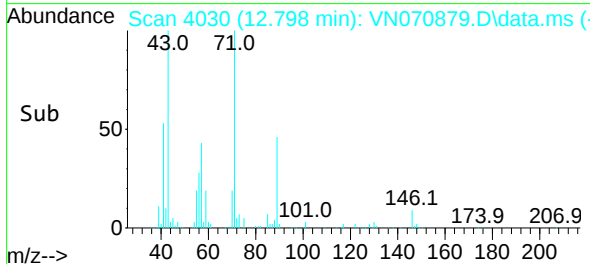
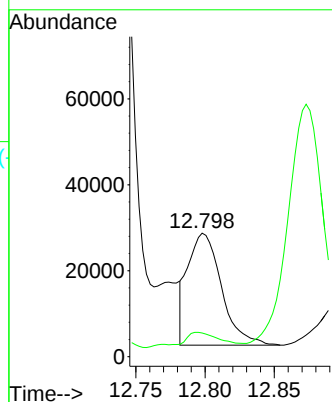
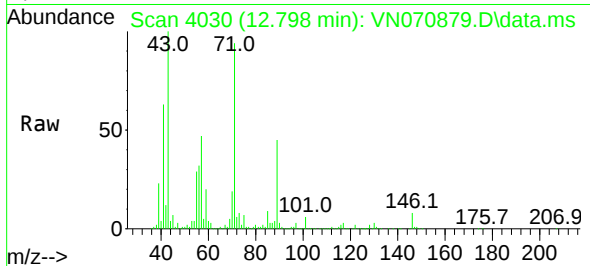




#76
1,2,3-Trichloropropane
Concen: 1.792 ug/l
RT: 12.798 min Scan# 4060
Delta R.T. -0.080 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

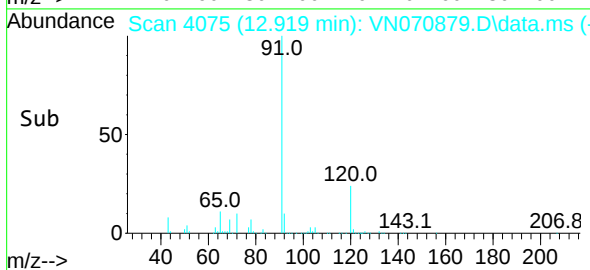
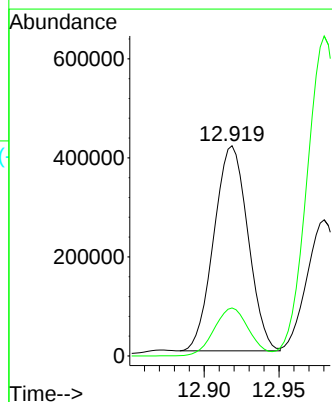
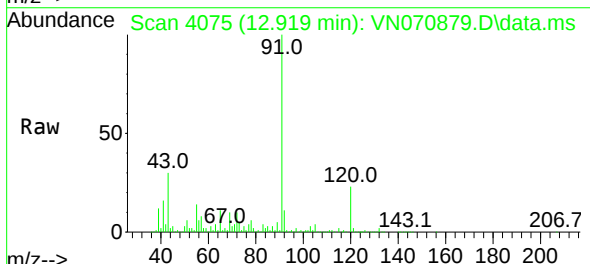
Instrument :
MSVOA_N
ClientSampleId :
31528

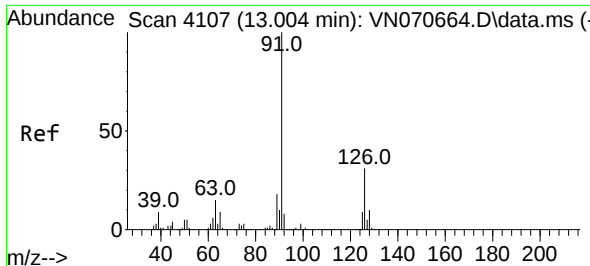
Tgt Ion: 75 Resp: 44123
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#



#78
n-propylbenzene
Concen: 6.699 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 91 Resp: 658003
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.9

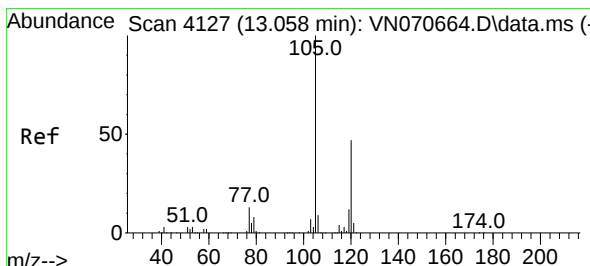
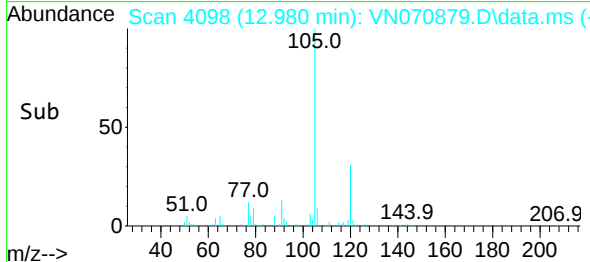
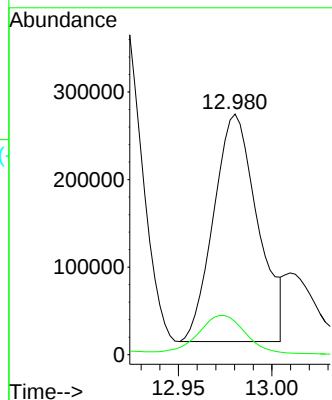
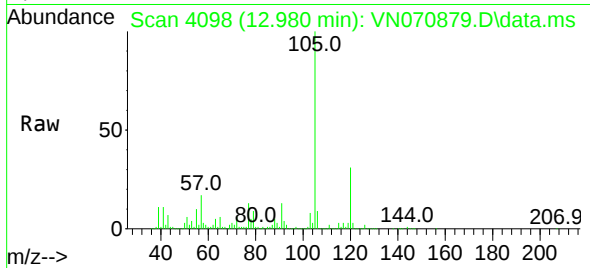




#79
2-Chlorotoluene
Concen: 6.863 ug/l
RT: 12.980 min Scan# 4107
Delta R.T. -0.024 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

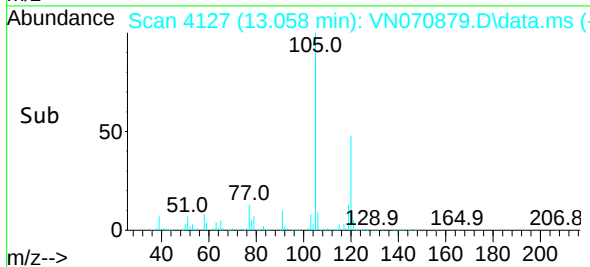
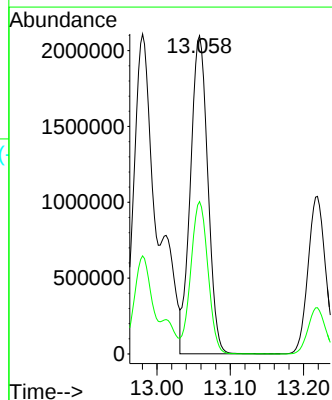
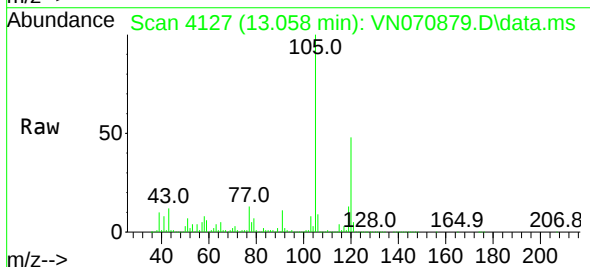
Instrument :
MSVOA_N
ClientSampleId :
31528

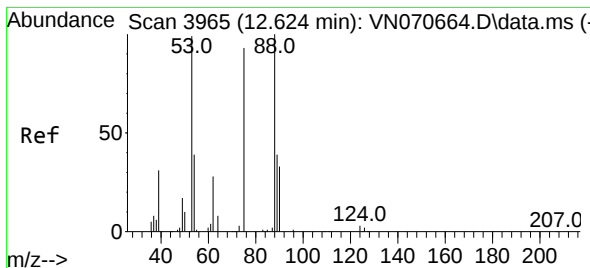
Tgt Ion: 91 Resp: 426398
Ion Ratio Lower Upper
91 100
126 18.7 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 48.592 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 105 Resp: 3451251
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6

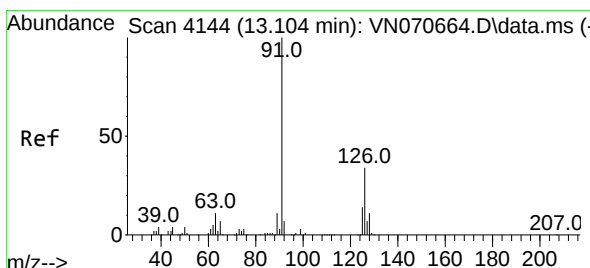
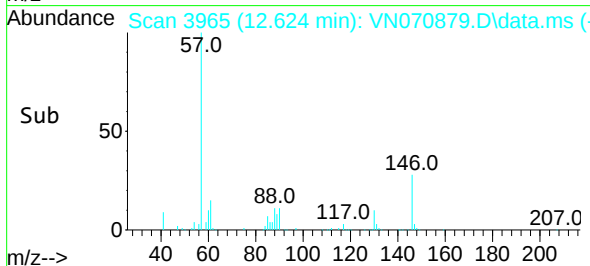
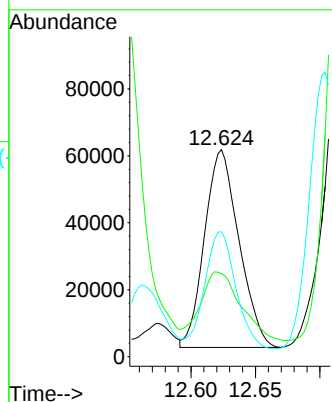
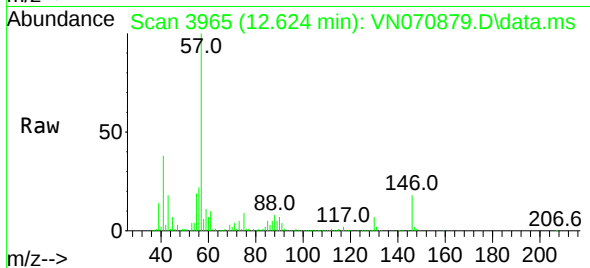




#81
trans-1,4-Dichloro-2-butene
Concen: 13.239 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

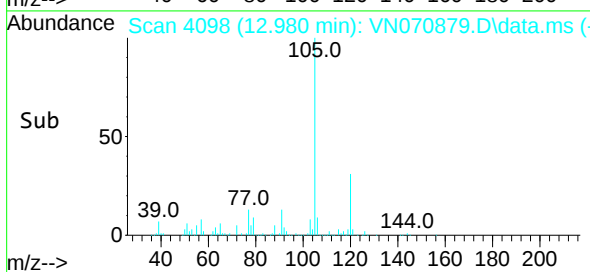
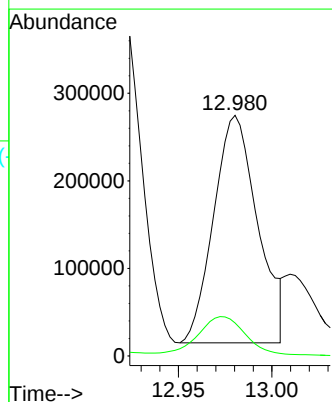
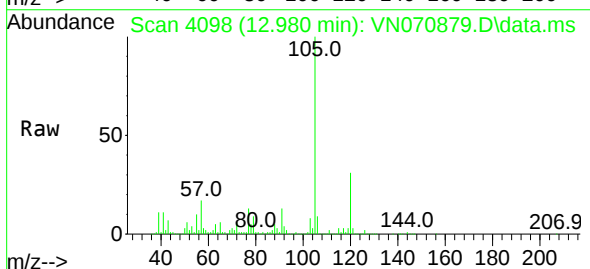
Instrument :
MSVOA_N
ClientSampleId :
31528

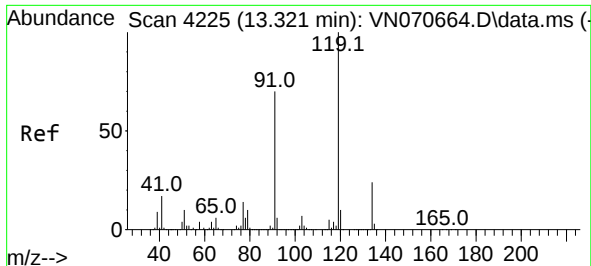
Tgt Ion: 75 Resp: 109416
Ion Ratio Lower Upper
75 100
53 40.7 90.5 135.7#
89 56.8 38.2 57.4



#82
4-Chlorotoluene
Concen: 7.345 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.124 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 91 Resp: 426398
Ion Ratio Lower Upper
91 100
126 18.7 18.2 54.6

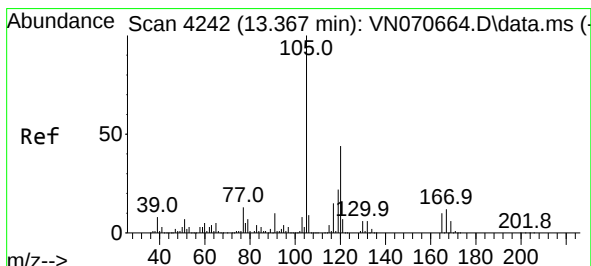
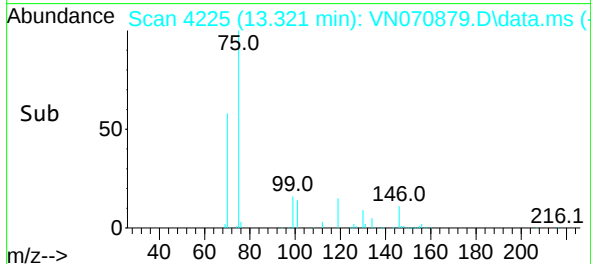
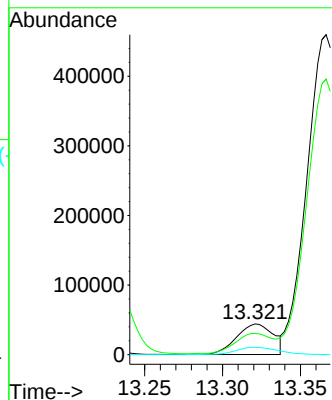
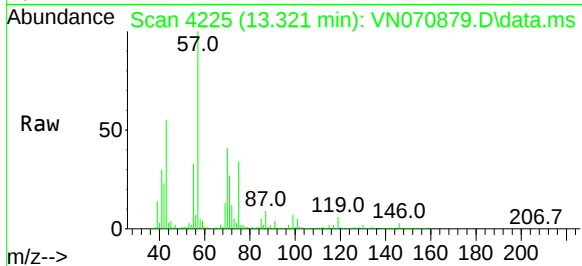




#83
tert-Butylbenzene
Concen: 1.175 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

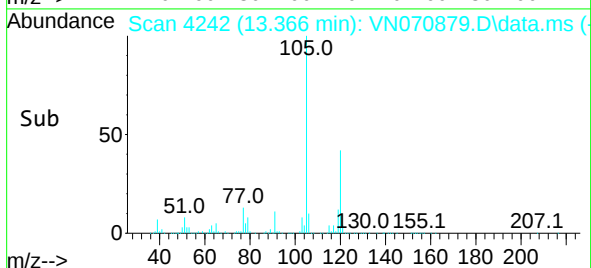
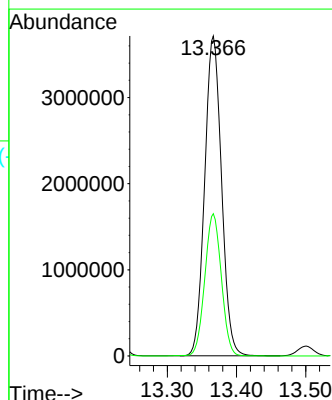
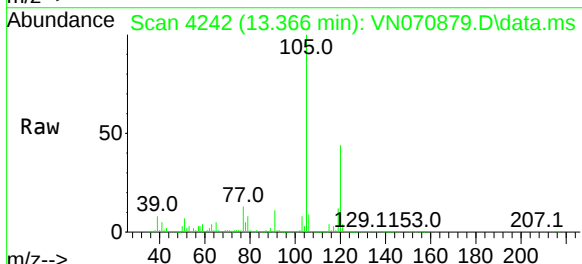
Instrument :
MSVOA_N
ClientSampleId :
31528

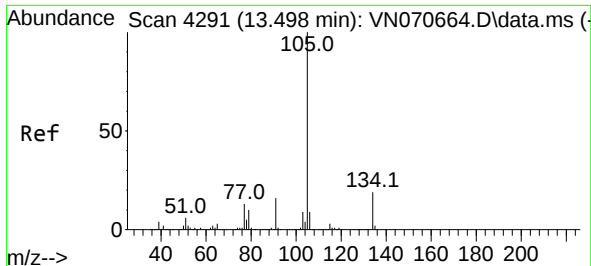
Tgt Ion:119 Resp: 72649
Ion Ratio Lower Upper
119 100
91 66.0 31.5 94.5
134 28.3 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 91.846 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion:105 Resp: 6270401
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4

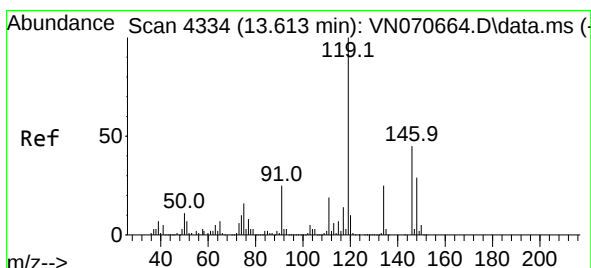
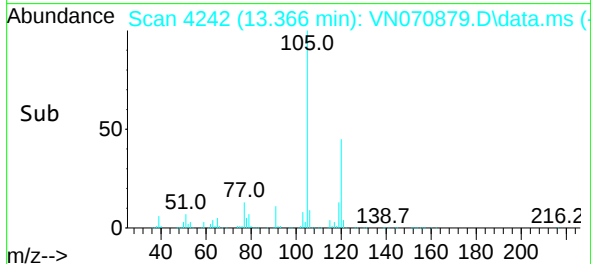
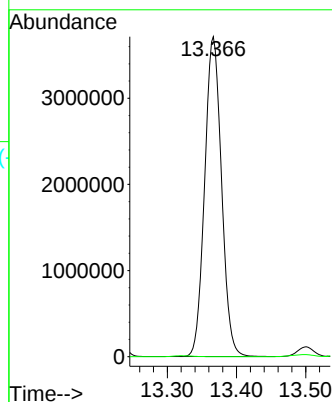
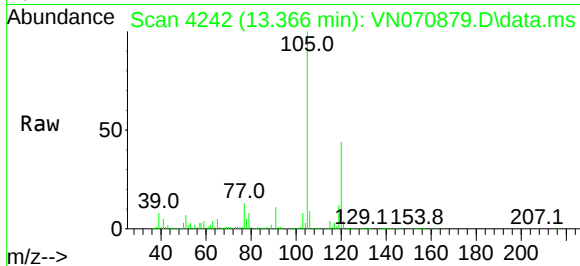




#85
 sec-Butylbenzene
 Concen: 74.602 ug/l
 RT: 13.366 min Scan# 41
 Delta R.T. -0.132 min
 Lab File: VN070879.D
 Acq: 1 Feb 2022 18:36

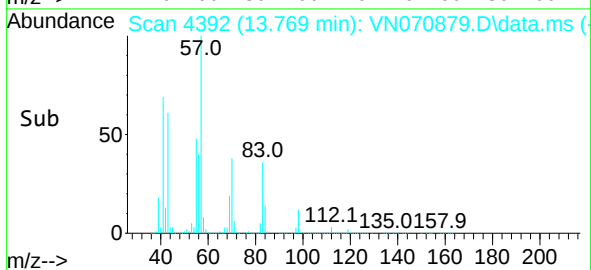
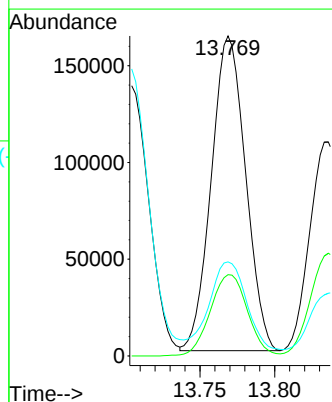
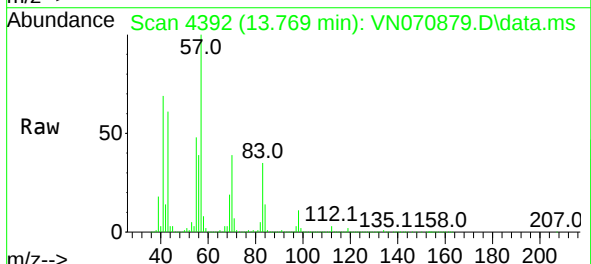
Instrument :
 MSVOA_N
 ClientSampleId :
 31528

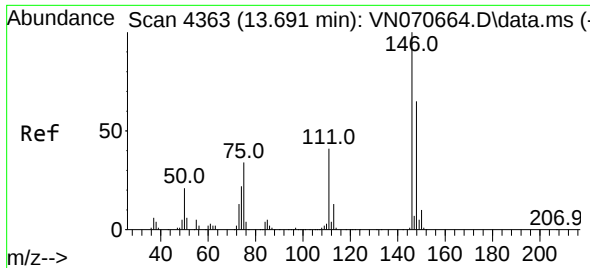
Tgt Ion:105 Resp: 6270401
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 3.932 ug/l
 RT: 13.769 min Scan# 4392
 Delta R.T. 0.156 min
 Lab File: VN070879.D
 Acq: 1 Feb 2022 18:36

Tgt Ion:119 Resp: 259644
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.6 40.7
 91 29.7 11.4 34.1

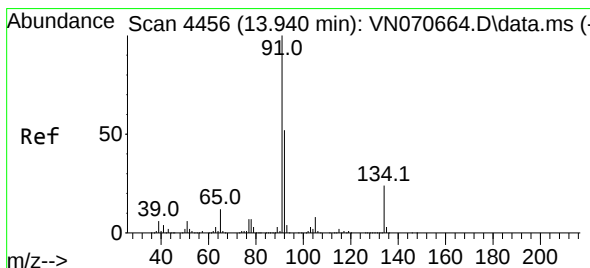
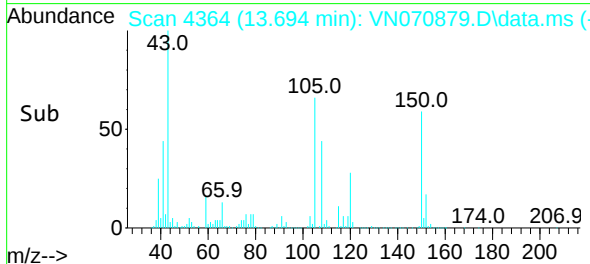
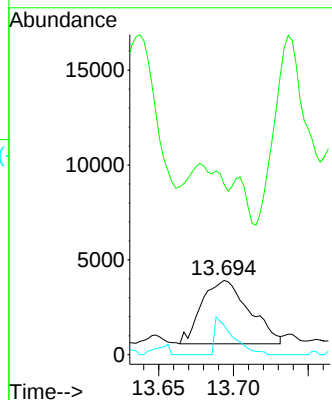
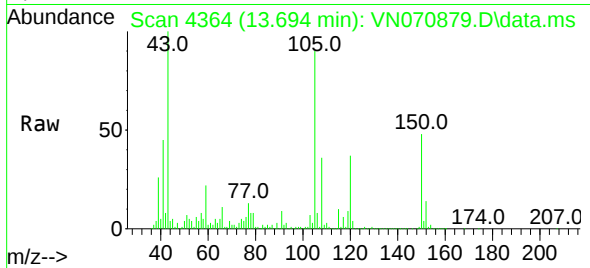




#88
1,4-Dichlorobenzene
Concen: 0.226 ug/l
RT: 13.694 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

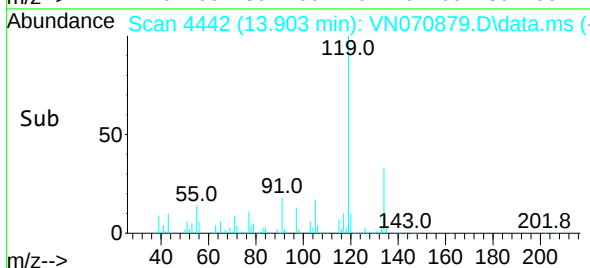
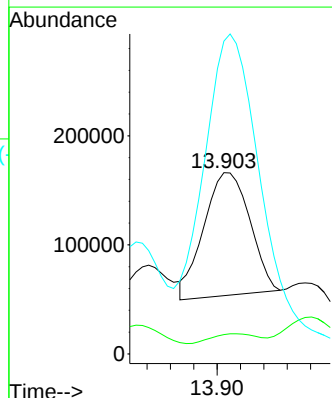
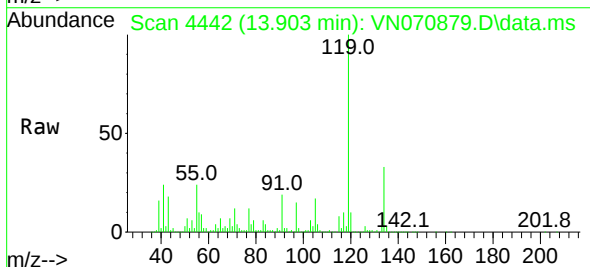
Instrument :
MSVOA_N
ClientSampleId :
31528

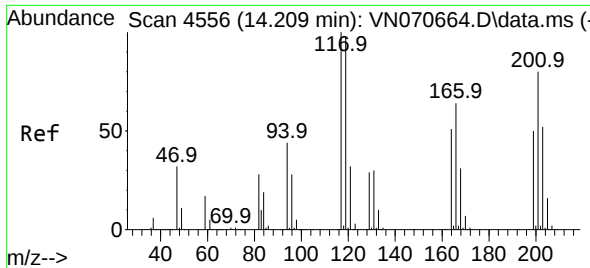
Tgt Ion:146 Resp: 7360
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 23.0 31.8 95.4#



#89
n-Butylbenzene
Concen: 2.835 ug/l
RT: 13.903 min Scan# 4442
Delta R.T. -0.037 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 91 Resp: 154410
Ion Ratio Lower Upper
91 100
92 16.2 25.4 76.0#
134 333.8 13.6 40.8#

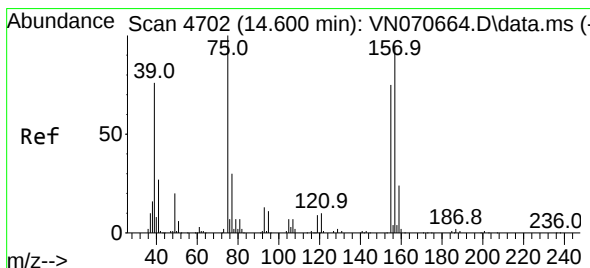
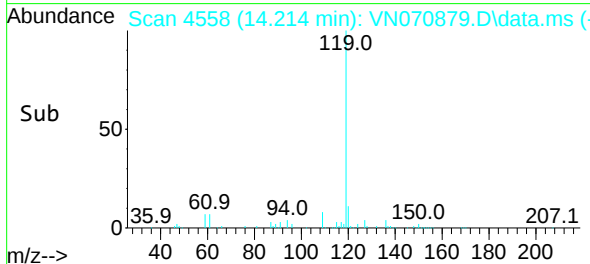
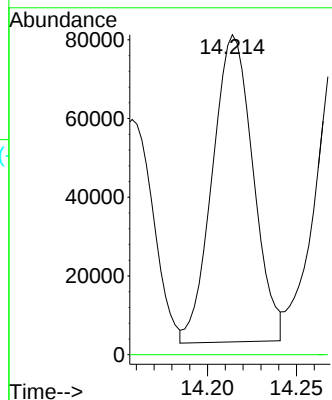
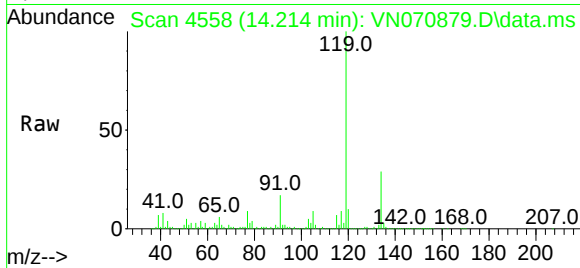




#90
Hexachloroethane
Concen: 10.777 ug/l
RT: 14.214 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

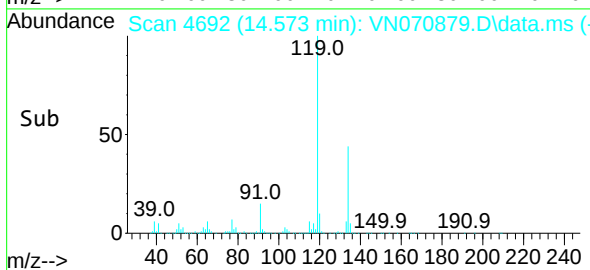
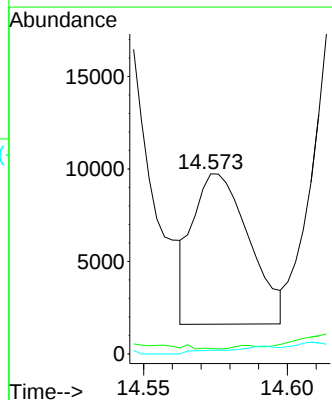
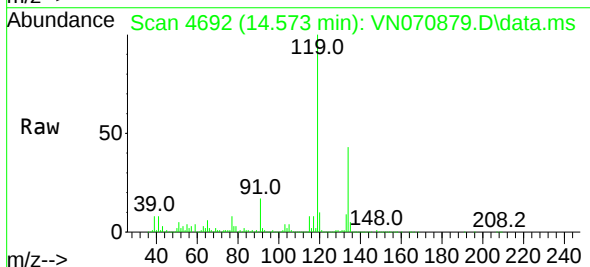
Instrument :
MSVOA_N
ClientSampleId :
31528

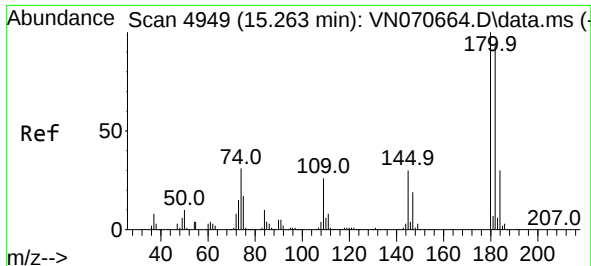
Tgt Ion:117 Resp: 124391
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.201 ug/l
RT: 14.573 min Scan# 4692
Delta R.T. -0.027 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

Tgt Ion: 75 Resp: 11073
Ion Ratio Lower Upper
75 100
155 1.2 46.9 140.7#
157 5.0 60.6 181.7#

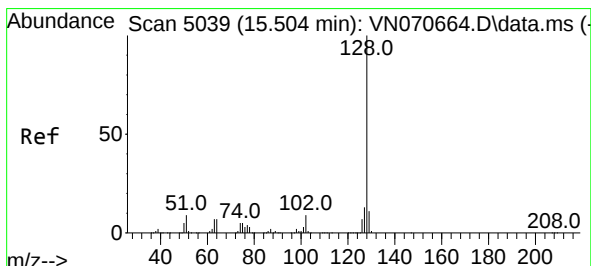
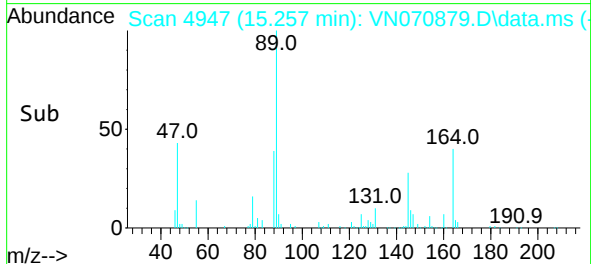
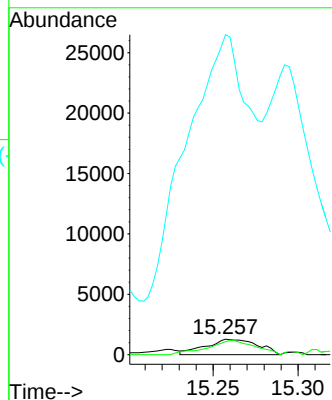
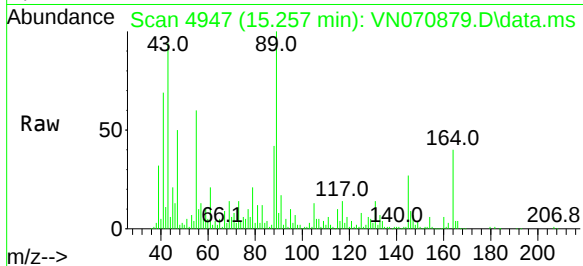




#93
1,2,4-Trichlorobenzene
Concen: 3.573 ug/l
RT: 15.257 min Scan# 4949
Delta R.T. -0.006 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

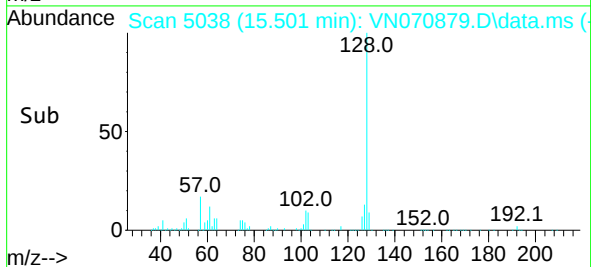
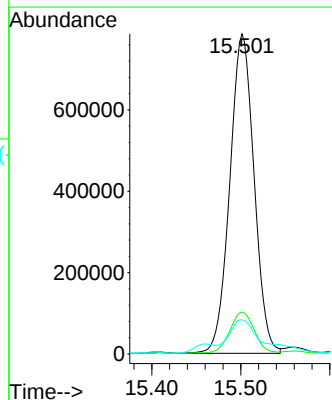
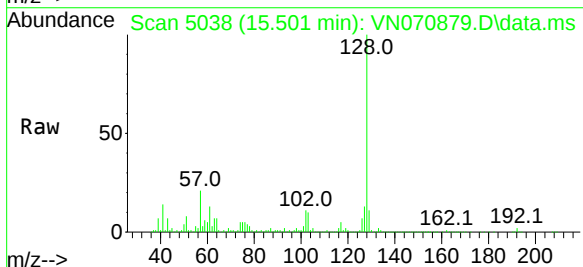
Instrument :
MSVOA_N
ClientSampleId :
31528

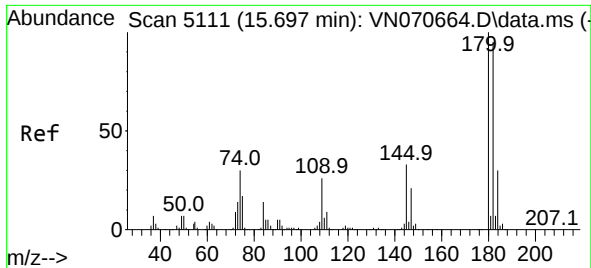
Tgt Ion:180 Resp: 2720
Ion Ratio Lower Upper
180 100
182 84.3 48.3 144.9
145 2135.5 14.5 43.5#



#95
Naphthalene
Concen: 32.801 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070879.D
Acq: 1 Feb 2022 18:36

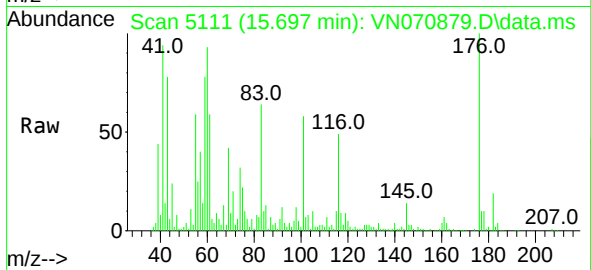
Tgt Ion:128 Resp: 1488072
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 14.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.337 ug/l
 RT: 15.697 min Scan# 5111
 Delta R.T. 0.000 min
 Lab File: VN070879.D
 Acq: 1 Feb 2022 18:36

Instrument :
 MSVOA_N
 ClientSampleId :
 31528



Tgt Ion:180 Resp: 2117
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.2#
 145 0.0 15.0 45.1#

