

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070918.D
 Acq On : 3 Feb 2022 3:05
 Operator : JC/MD
 Sample : N1342-23DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31539DL

Quant Time: Feb 03 06:02:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	948107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1489911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1336398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	697061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	607491	47.336	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.680%
35) Dibromofluoromethane	8.021	113	438717	49.154	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.300%
50) Toluene-d8	10.440	98	1857477	50.686	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.731	95	694363	52.585	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.160%
Target Compounds						
					Qvalue	
6) Chloroethane	3.006	64	1594	0.317	ug/l #	73
8) Diethyl Ether	3.824	74	162754	22.639	ug/l	86
11) Tert butyl alcohol	5.380	59	502335	186.278	ug/l	97
14) Allyl chloride	5.074	41	5374	0.247	ug/l #	20
16) Acetone	4.291	43	571290	74.447	ug/l	99
18) Methyl Acetate	4.857	43	76018	3.912	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	125349	3.436	ug/l #	56
22) Diisopropyl ether	6.495	45	339410	8.050	ug/l #	1
23) Vinyl Acetate	6.495	43	21429	0.575	ug/l #	72
25) 2-Butanone	7.340	43	363537	32.820	ug/l	93
29) Tetrahydrofuran	7.691	42	16058	2.232	ug/l #	92
31) Cyclohexane	8.091	56	76282	3.498	ug/l #	80
36) 1,1-Dichloropropene	8.086	75	76801	5.297	ug/l #	49
37) Ethyl Acetate	7.340	43	363537	18.191	ug/l #	68
38) Carbon Tetrachloride	8.086	117	96432	7.282	ug/l #	16
39) Methylcyclohexane	9.461	83	31766	1.782	ug/l	91
40) Benzene	8.461	78	4728579	103.801	ug/l	99
41) Methacrylonitrile	7.665	41	22501	2.241	ug/l #	28
42) 1,2-Dichloroethane	8.458	62	43052	2.776	ug/l	80
43) Isopropyl Acetate	8.560	43	162445	4.835	ug/l #	88
48) Methyl methacrylate	9.531	41	169392	11.695	ug/l #	34
49) 1,4-Dioxane	9.569	88	71290	293.807	ug/l #	27
51) 4-Methyl-2-Pentanone	10.330	43	171601	8.678	ug/l	100
52) Toluene	10.505	92	2826463	100.139	ug/l	97
53) t-1,3-Dichloropropene	10.802	75	5753	0.346	ug/l	98
54) cis-1,3-Dichloropropene	10.161	75	13152	0.728	ug/l #	1
56) Ethyl methacrylate	10.690	69	54801	2.935	ug/l #	73
57) 1,3-Dichloropropane	11.089	76	4292	0.229	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.164	63	19544	23.212	ug/l #	83
59) 2-Hexanone	11.087	43	171671	11.891	ug/l	71
67) Ethyl Benzene	11.843	91	233998	4.589	ug/l	97
68) m/p-Xylenes	11.948	106	603452	31.942	ug/l	90
69) o-Xylene	12.280	106	218653	11.564	ug/l	89
70) Styrene	12.278	104	12090	0.406	ug/l #	1
73) Isopropylbenzene	12.578	105	30042	0.494	ug/l	97
74) N-amyl acetate	12.315	43	356791	13.099	ug/l #	1

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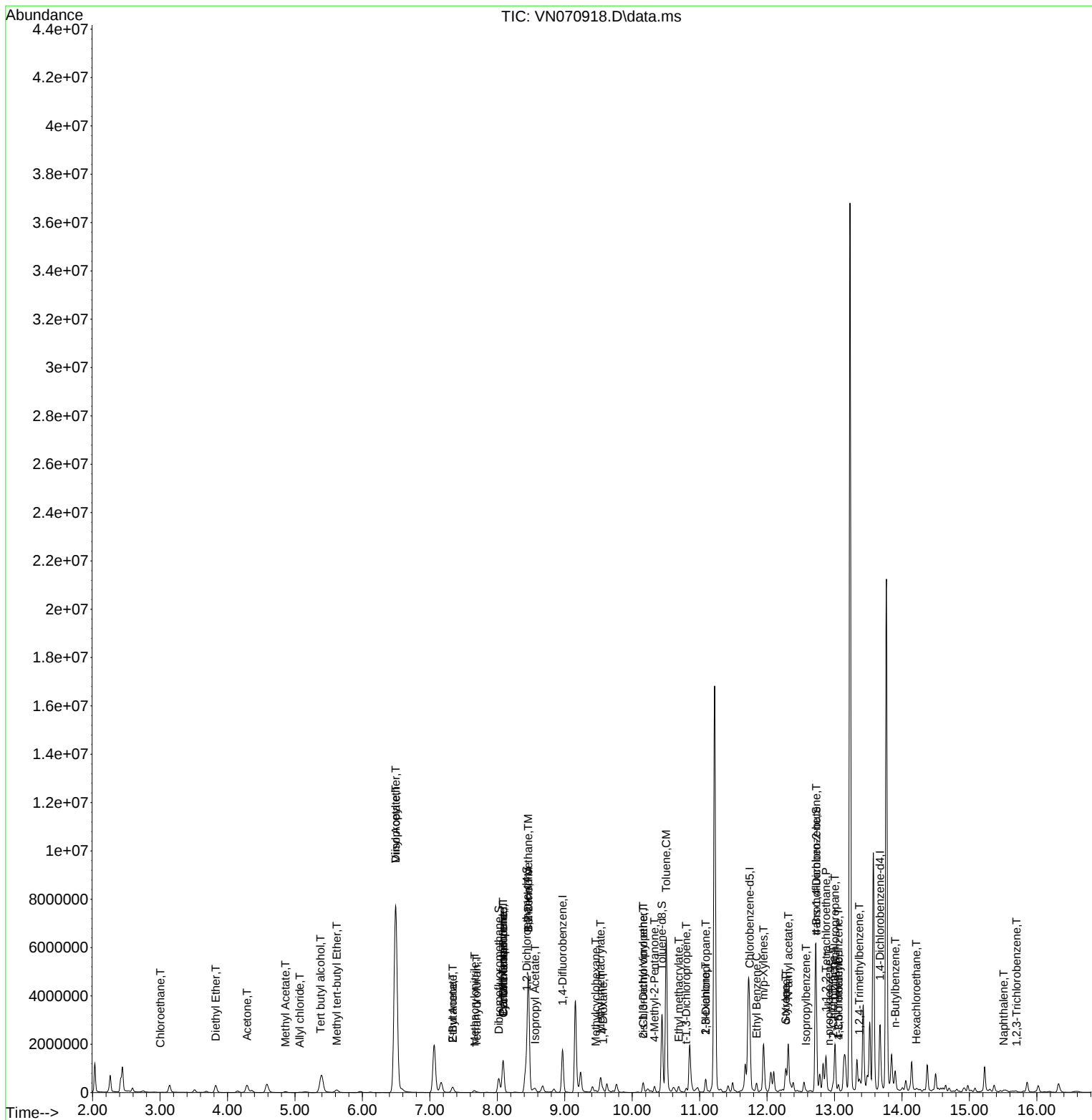
Quant Time: Feb 03 06:02:11 2022
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 Quant Title : SW846 8260
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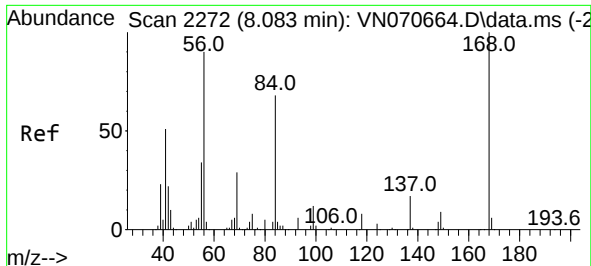
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

75) 1,1,2,2-Tetrachloroethane	12.873	83	119520	5.674	ug/l	#	25
76) 1,2,3-Trichloropropane	13.004	75	23104	1.377	ug/l	#	1
78) n-propylbenzene	12.919	91	20561	0.296	ug/l		99
79) 2-Chlorotoluene	12.980	91	18801	0.436	ug/l	#	39
80) 1,3,5-Trimethylbenzene	13.058	105	136644	2.772	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.731	75	368623	59.554	ug/l	#	14
82) 4-Chlorotoluene	13.058	91	13598	0.327	ug/l	#	38
84) 1,2,4-Trimethylbenzene	13.366	105	263647	5.469	ug/l		93
89) n-Butylbenzene	13.903	91	8579	0.205	ug/l	#	1
90) Hexachloroethane	14.214	117	4327	0.515	ug/l	#	6
95) Naphthalene	15.507	128	39100	4.538	ug/l	#	92
96) 1,2,3-Trichlorobenzene	15.700	180	728	1.758	ug/l	#	12

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

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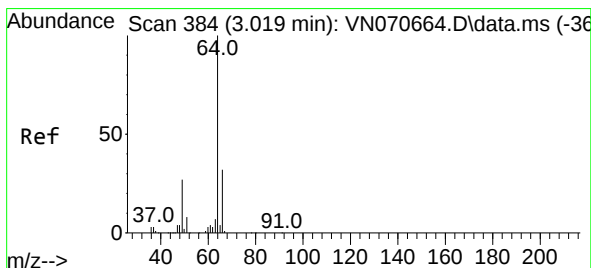
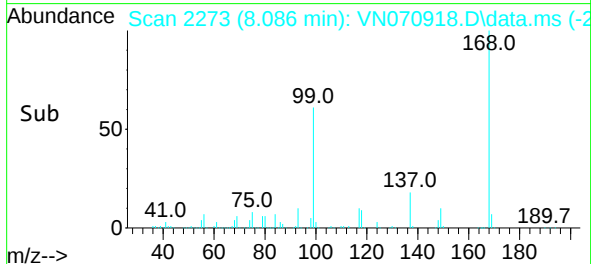
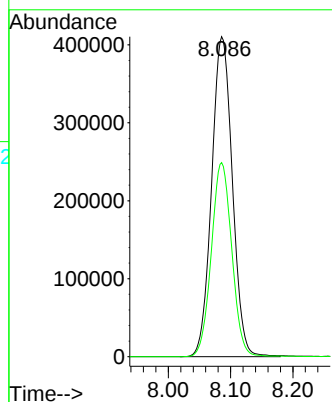
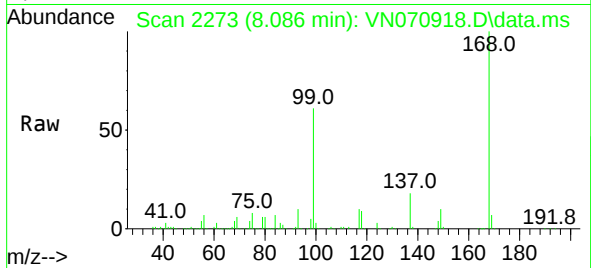




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

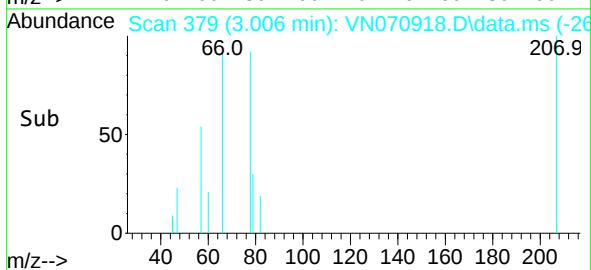
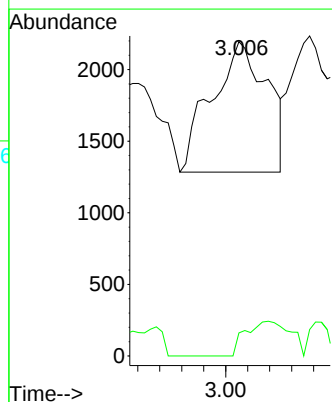
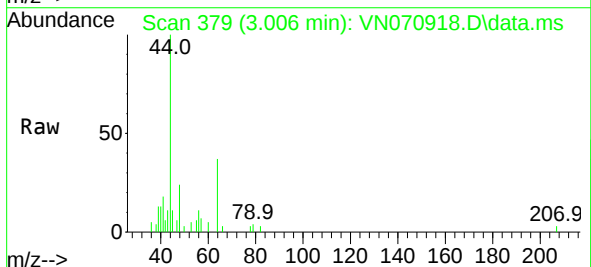
Instrument :
MSVOA_N
ClientSampleId :
31539DL

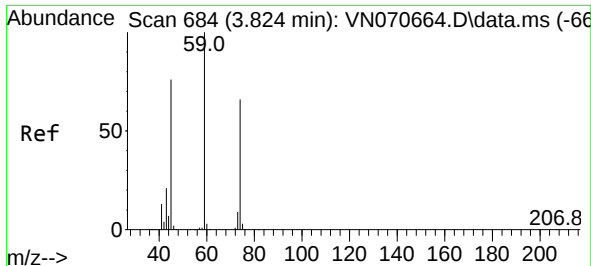
Tgt Ion:168 Resp: 948107
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#6
Chloroethane
Concen: 0.317 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.003 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 64 Resp: 1594
Ion Ratio Lower Upper
64 100
66 17.7 26.3 39.5#

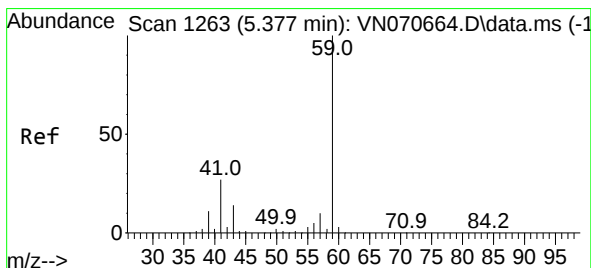
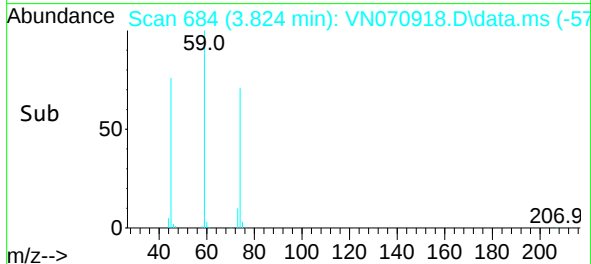
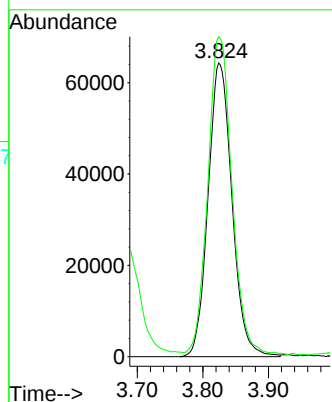
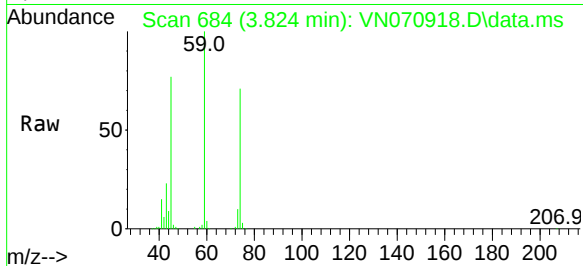




#8
Diethyl Ether
Concen: 22.639 ug/l
RT: 3.824 min Scan# 61
Delta R.T. 0.003 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

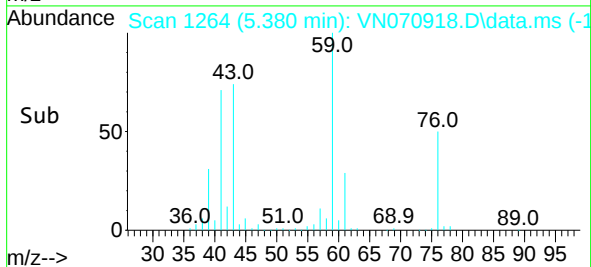
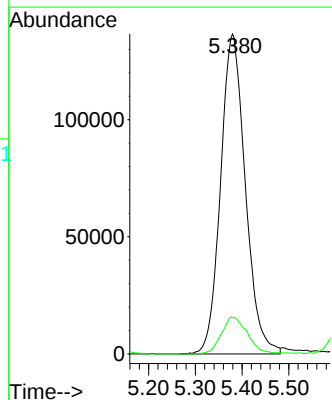
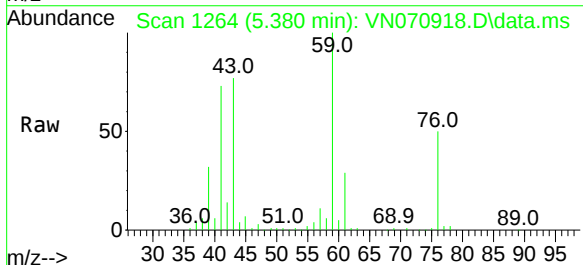
Instrument :
MSVOA_N
ClientSampleId :
31539DL

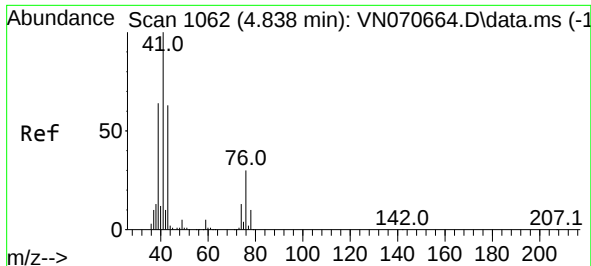
Tgt Ion: 74 Resp: 162754
Ion Ratio Lower Upper
74 100
45 107.6 47.0 141.2



#11
Tert butyl alcohol
Concen: 186.278 ug/l
RT: 5.380 min Scan# 1264
Delta R.T. -0.002 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 59 Resp: 502335
Ion Ratio Lower Upper
59 100
57 12.1 8.7 13.1





#14

Allyl chloride

Concen: 0.247 ug/l

RT: 5.074 min Scan# 1150

Delta R.T. 0.236 min

Lab File: VN070918.D

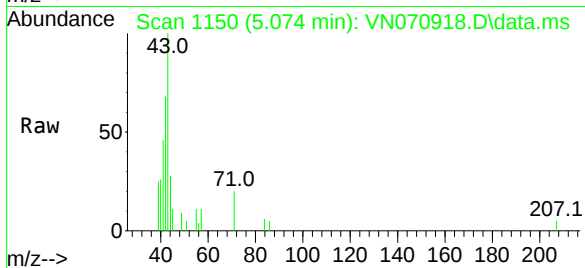
Acq: 3 Feb 2022 3:05

Instrument :

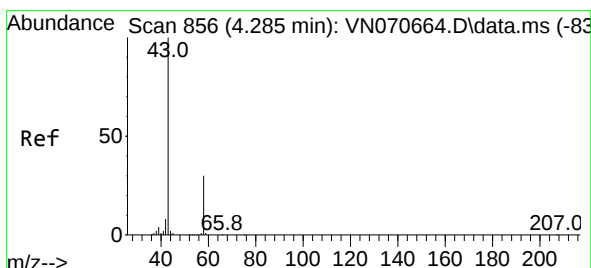
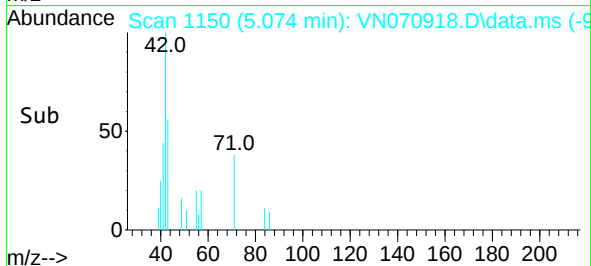
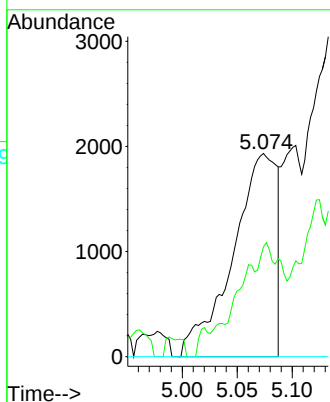
MSVOA_N

ClientSampleId :

31539DL



Tgt Ion: 41	Resp: 5374
Ion Ratio	Lower Upper
41	100
39	0.0 61.2 91.8#
76	0.0 26.0 39.0#



#16

Acetone

Concen: 74.447 ug/l

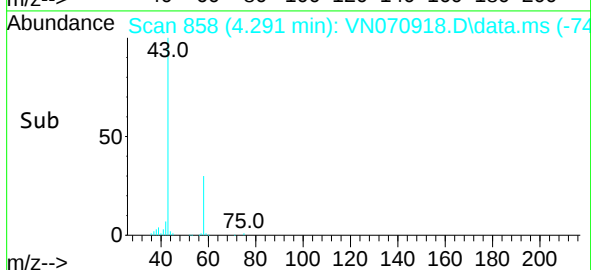
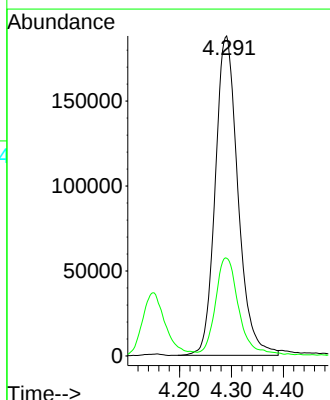
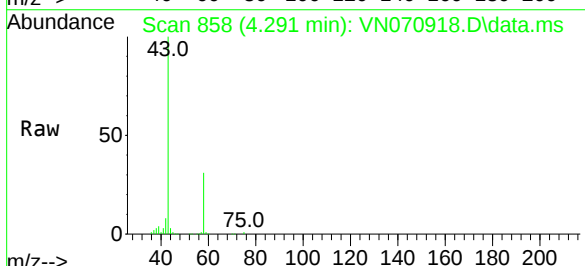
RT: 4.291 min Scan# 858

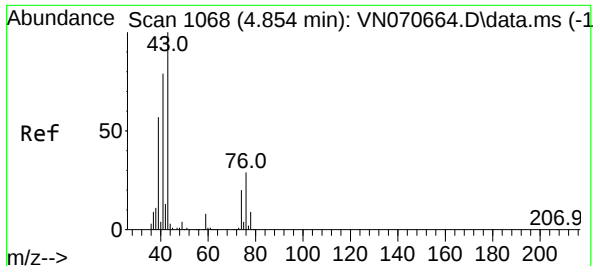
Delta R.T. 0.006 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

Tgt Ion: 43	Resp: 571290
Ion Ratio	Lower Upper
43	100
58	29.7 23.1 34.7





#18

Methyl Acetate

Concen: 3.912 ug/l

RT: 4.857 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

Instrument :

MSVOA_N

ClientSampleId :

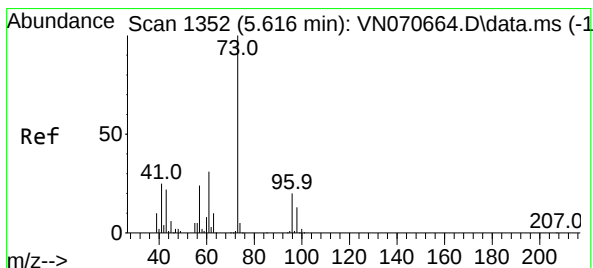
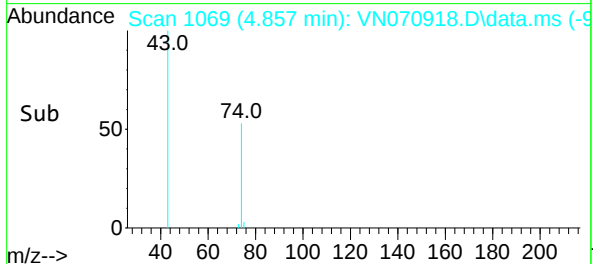
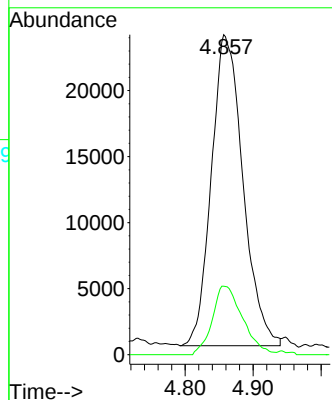
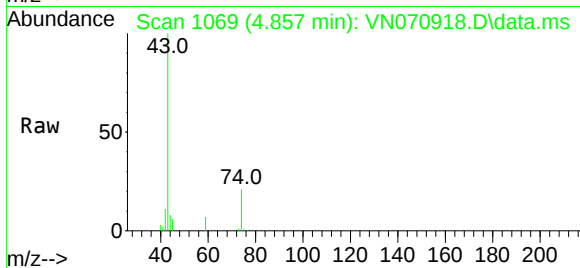
31539DL

Tgt Ion: 43 Resp: 76018

Ion Ratio Lower Upper

43 100

74 21.2 19.4 29.2



#19

Methyl tert-butyl Ether

Concen: 3.436 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.005 min

Lab File: VN070918.D

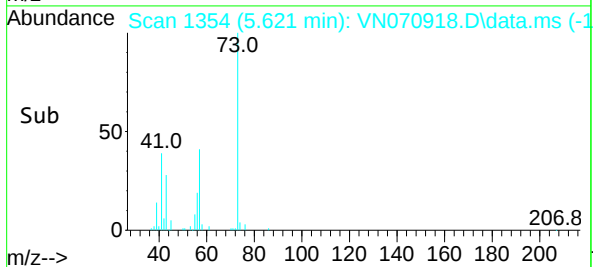
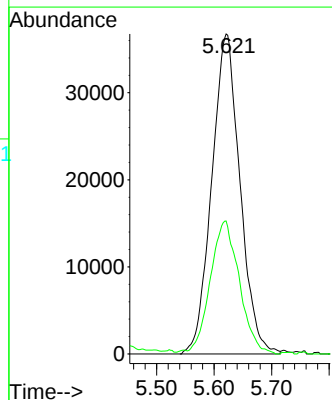
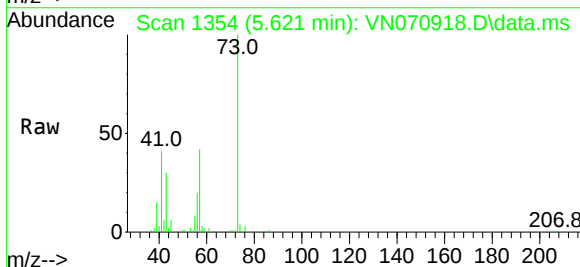
Acq: 3 Feb 2022 3:05

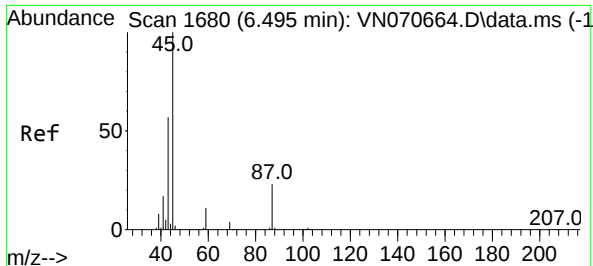
Tgt Ion: 73 Resp: 125349

Ion Ratio Lower Upper

73 100

57 41.6 16.8 25.2#

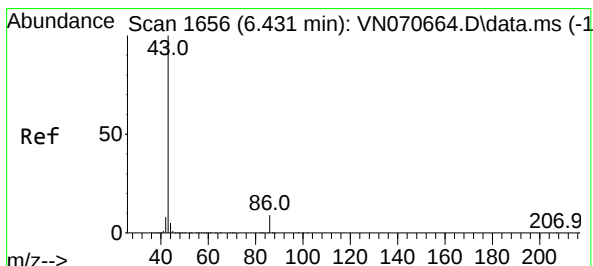
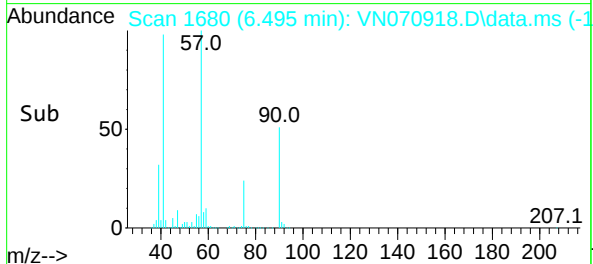
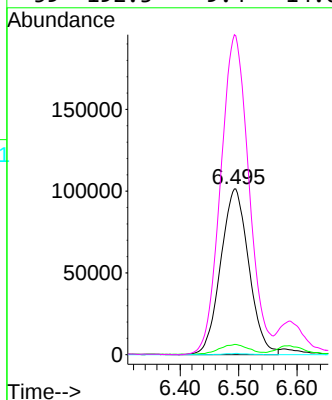
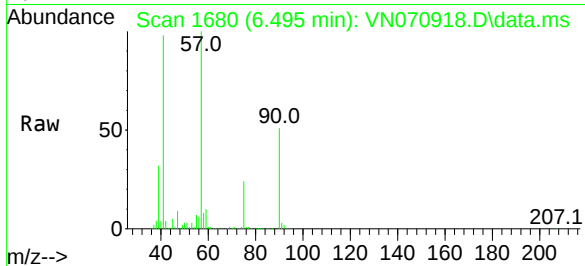




#22
Diisopropyl ether
Concen: 8.050 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

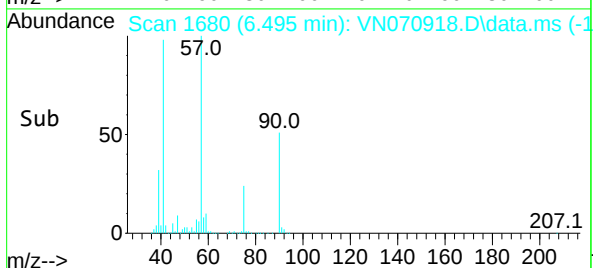
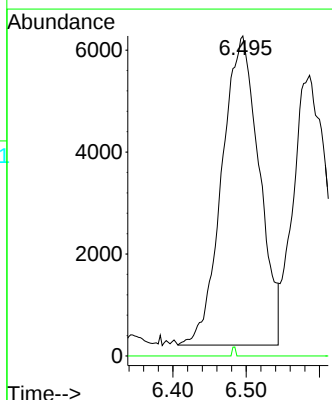
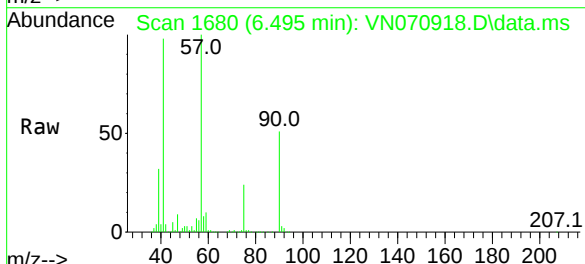
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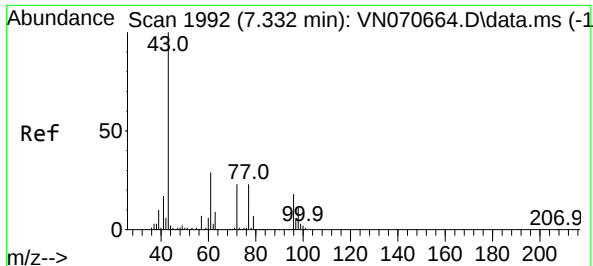
Tgt Ion: 45 Resp: 339410
Ion Ratio Lower Upper
45 100
43 6.0 51.7 77.5#
87 0.8 23.2 34.8#
59 192.3 9.4 14.0#



#23
Vinyl Acetate
Concen: 0.575 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.061 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 43 Resp: 21429
Ion Ratio Lower Upper
43 100
86 0.0 8.5 12.7#





#25

2-Butanone

Concen: 32.820 ug/l

RT: 7.340 min Scan# 1992

Delta R.T. 0.005 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

Instrument :

MSVOA_N

ClientSampleId :

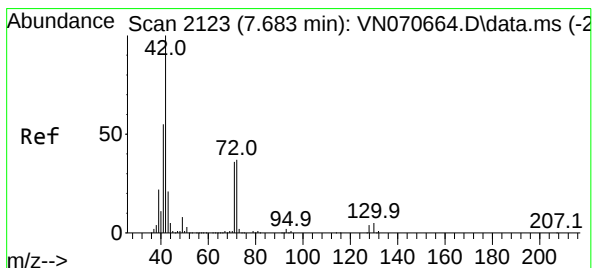
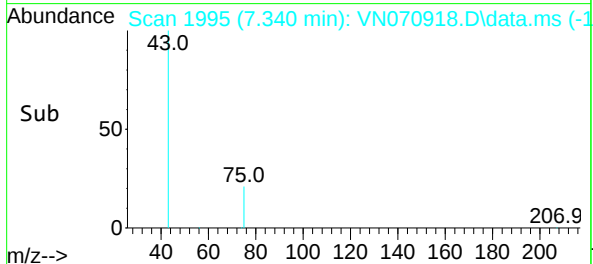
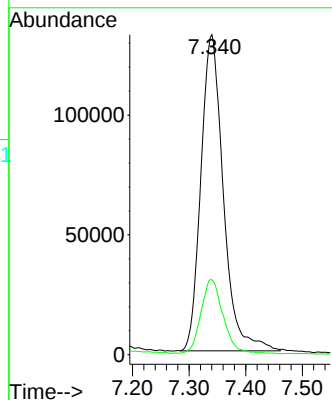
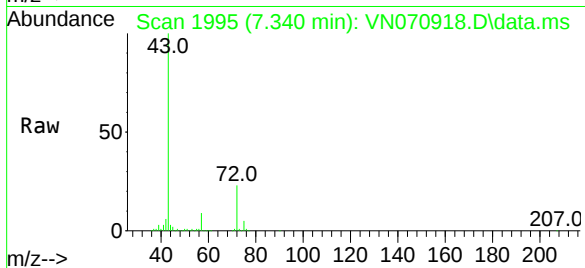
31539DL

Tgt Ion: 43 Resp: 363537

Ion Ratio Lower Upper

43 100

72 23.3 21.7 32.5



#29

Tetrahydrofuran

Concen: 2.232 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.005 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

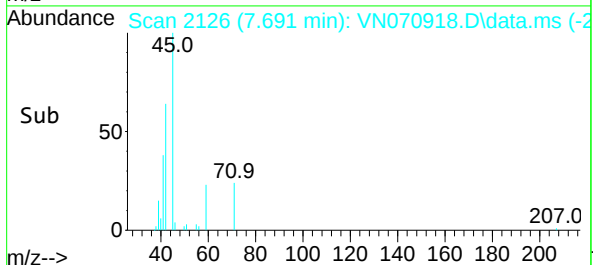
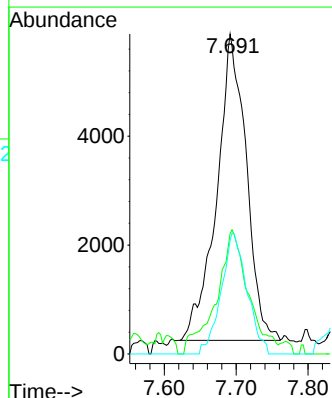
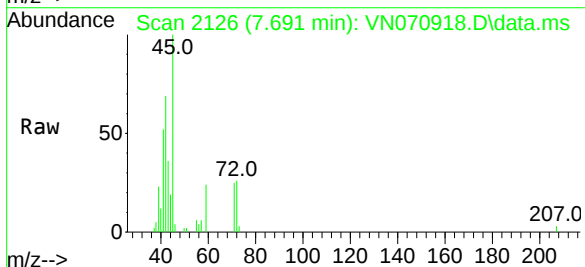
Tgt Ion: 42 Resp: 16058

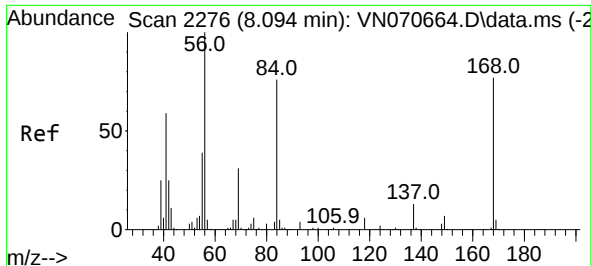
Ion Ratio Lower Upper

42 100

72 44.0 36.3 54.5

71 34.3 34.7 52.1#

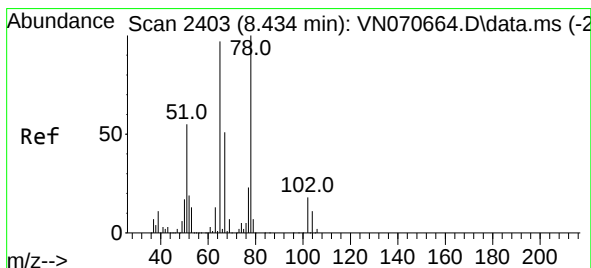
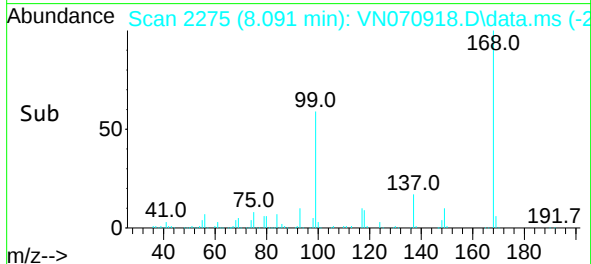
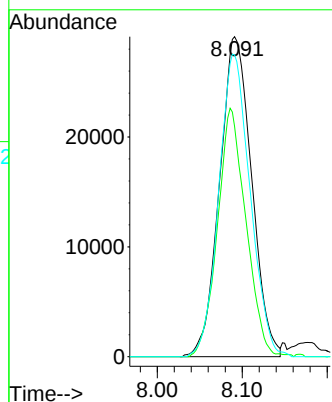
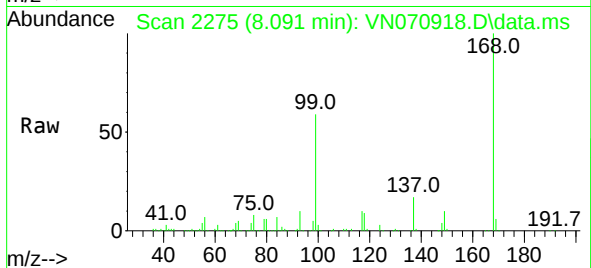




#31
Cyclohexane
Concen: 3.498 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

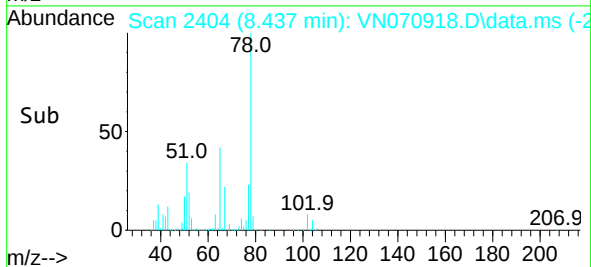
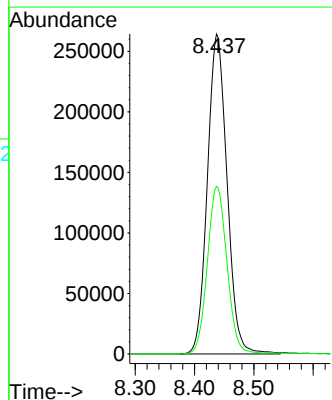
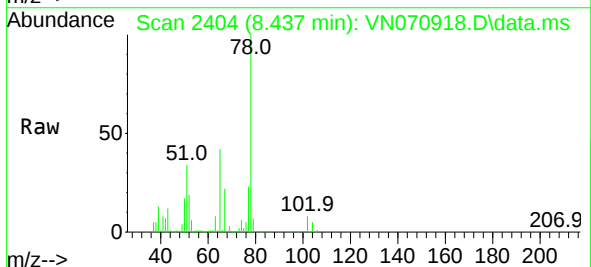
Instrument :
MSVOA_N
ClientSampleId :
31539DL

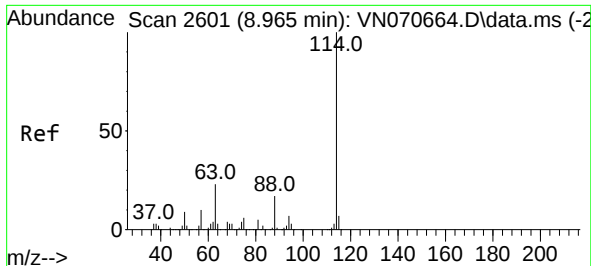
Tgt Ion: 56 Resp: 76282
Ion Ratio Lower Upper
56 100
69 71.9 27.1 40.7#
84 94.3 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 47.336 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 65 Resp: 607491
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

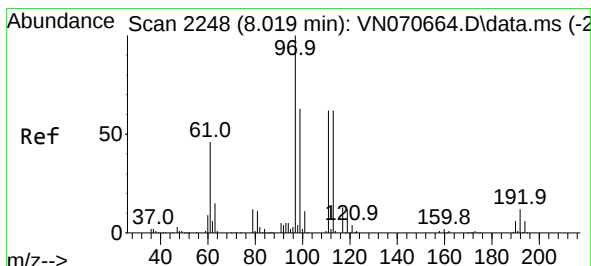
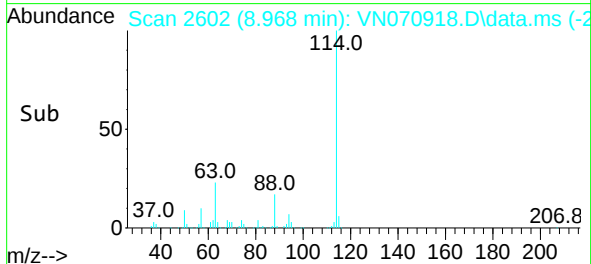
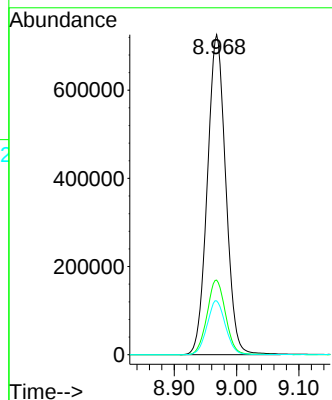
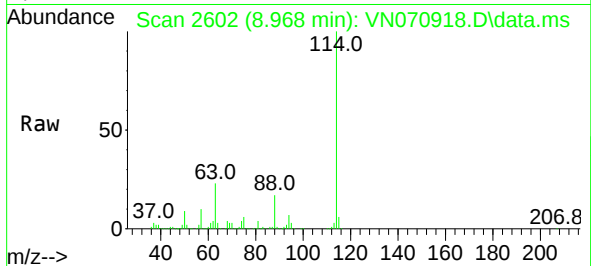




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 20
Delta R.T. 0.003 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

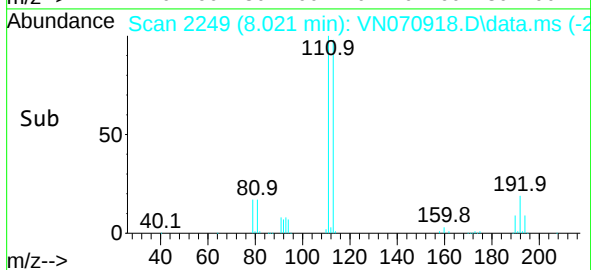
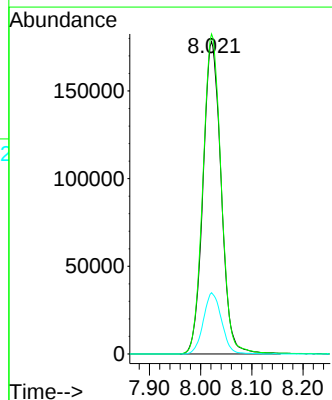
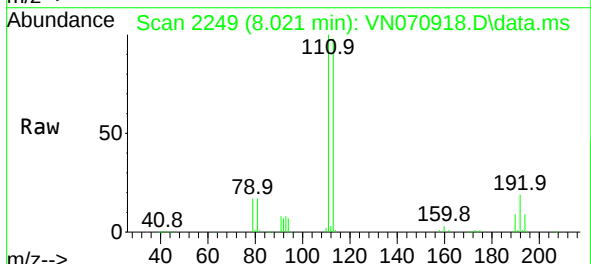
Instrument :
MSVOA_N
ClientSampleId :
31539DL

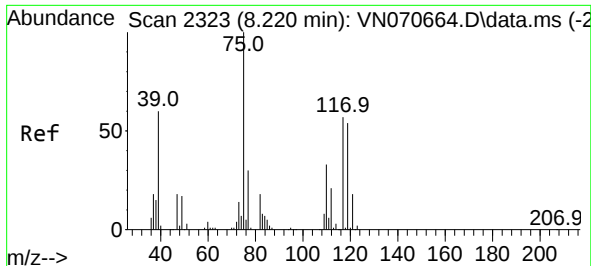
Tgt Ion:114 Resp: 1489911
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.154 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion:113 Resp: 438717
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.6 16.9 25.3

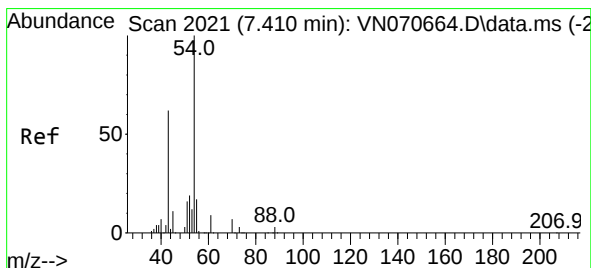
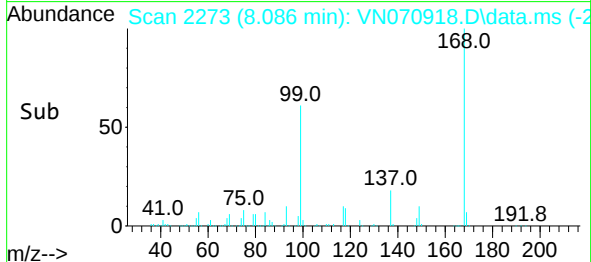
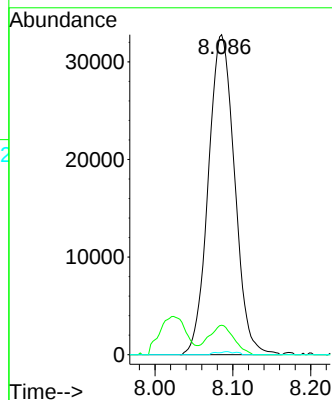
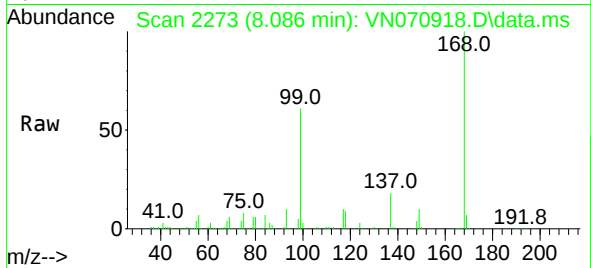




#36
1,1-Dichloropropene
Concen: 5.297 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

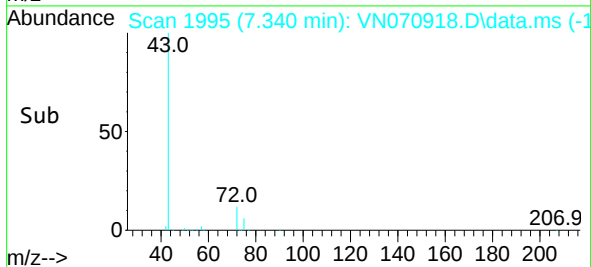
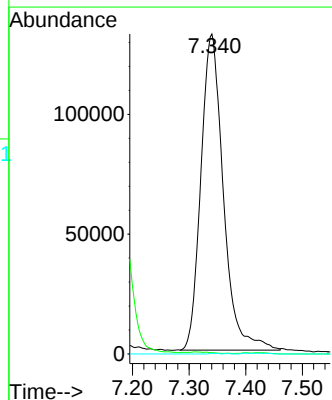
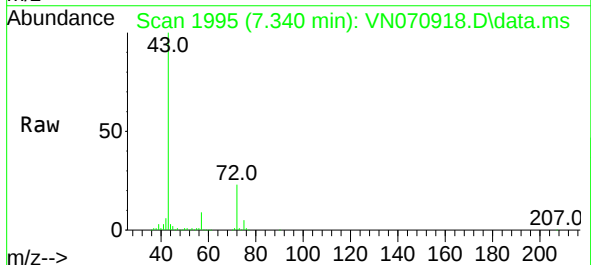
Instrument :
MSVOA_N
ClientSampleId :
31539DL

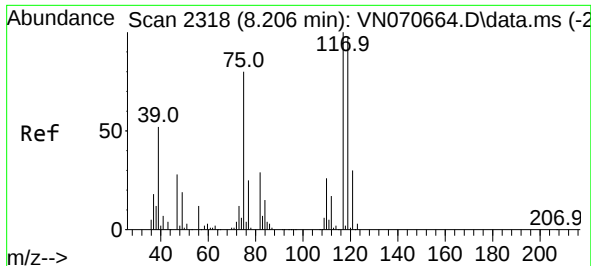
Tgt Ion: 75 Resp: 76801
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 18.191 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.073 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 43 Resp: 363537
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.1 7.9 11.9#

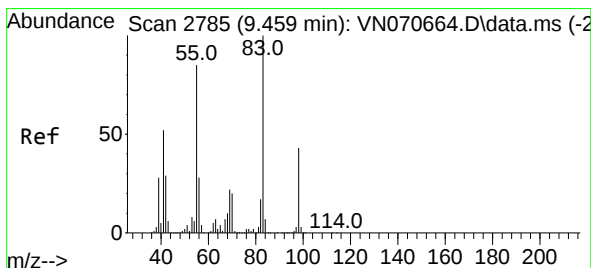
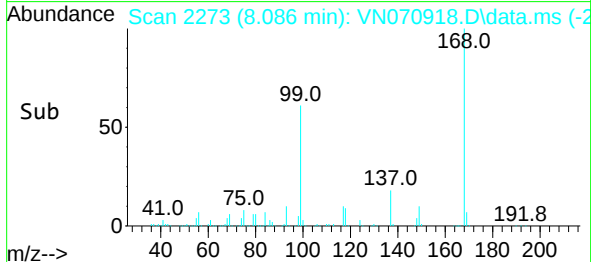
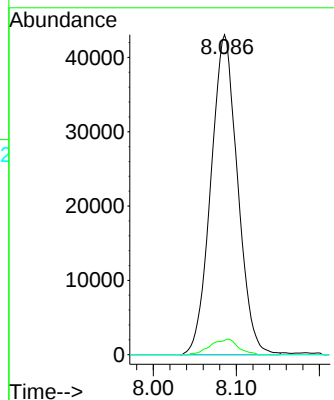
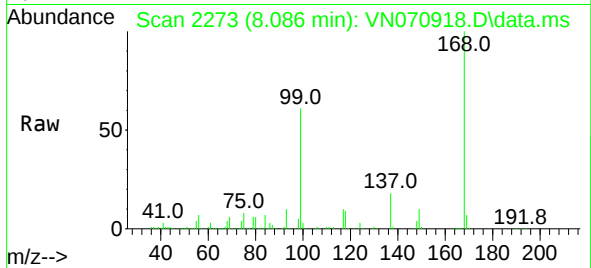




#38
Carbon Tetrachloride
Concen: 7.282 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

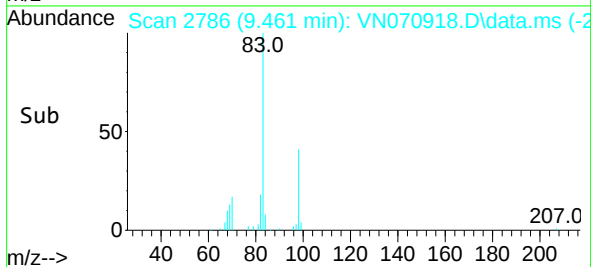
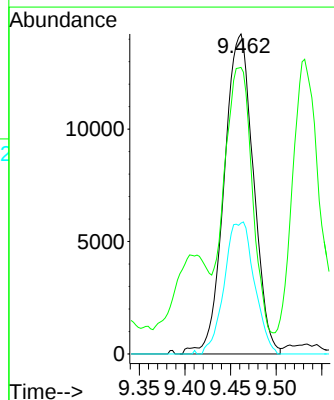
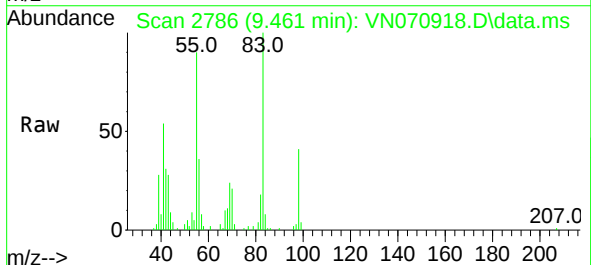
Instrument :
MSVOA_N
ClientSampleId :
31539DL

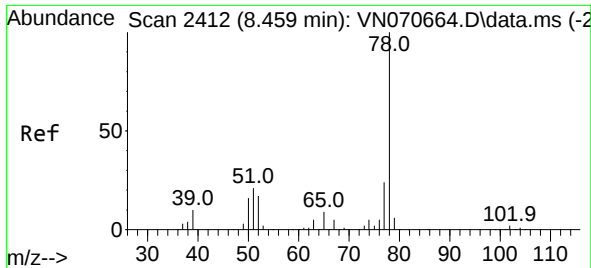
Tgt Ion:117 Resp: 96432
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.782 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.002 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 83 Resp: 31766
Ion Ratio Lower Upper
83 100
55 78.7 58.1 87.1
98 40.9 38.4 57.6

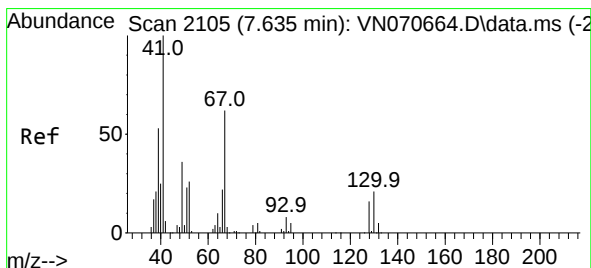
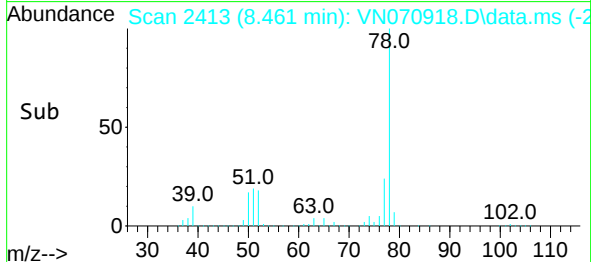
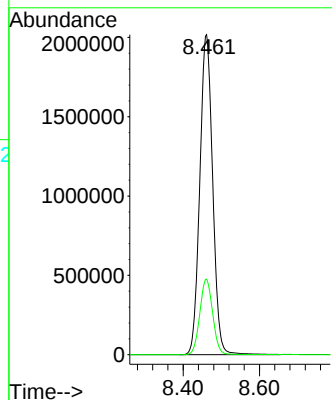
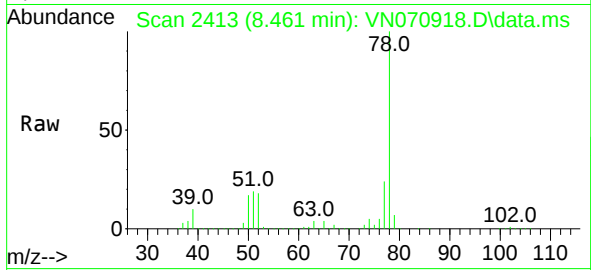




#40
Benzene
Concen: 103.801 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

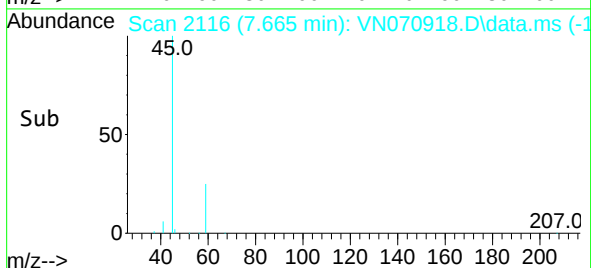
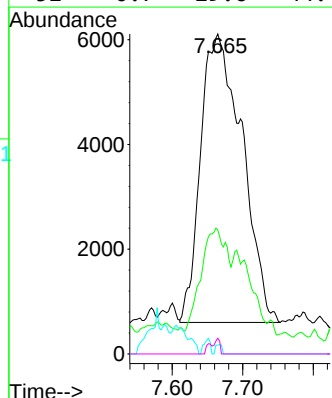
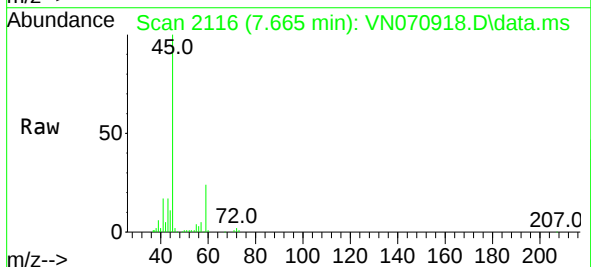
Instrument :
MSVOA_N
ClientSampleId :
31539DL

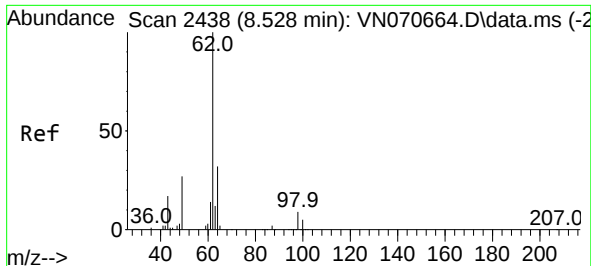
Tgt Ion: 78 Resp: 4728579
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8



#41
Methacrylonitrile
Concen: 2.241 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. 0.030 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 41 Resp: 22501
Ion Ratio Lower Upper
41 100
39 22.3 48.1 72.1#
67 0.5 68.3 102.5#
52 0.7 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 2.776 ug/l

RT: 8.458 min Scan# 2438

Delta R.T. -0.070 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

Instrument :

MSVOA_N

ClientSampleId :

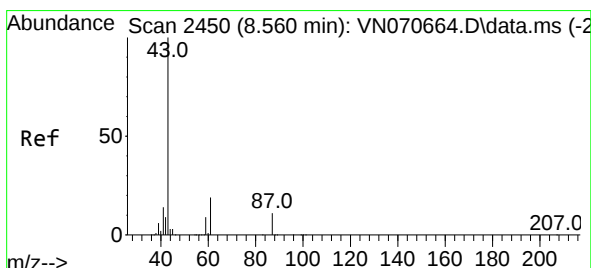
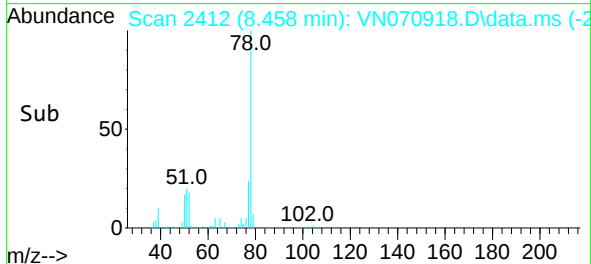
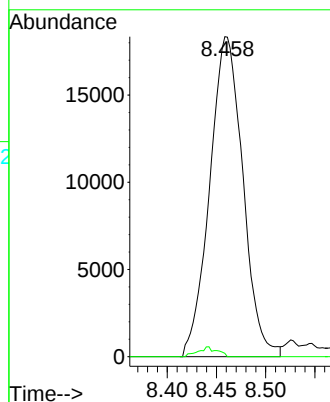
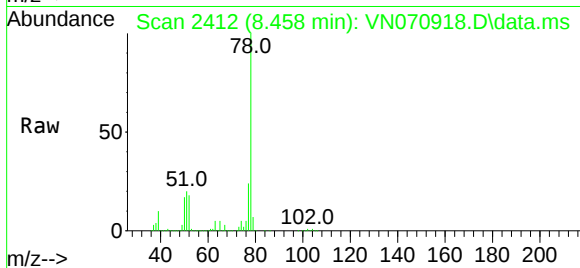
31539DL

Tgt Ion: 62 Resp: 43052

Ion Ratio Lower Upper

62 100

98 1.8 0.0 17.6



#43

Isopropyl Acetate

Concen: 4.835 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

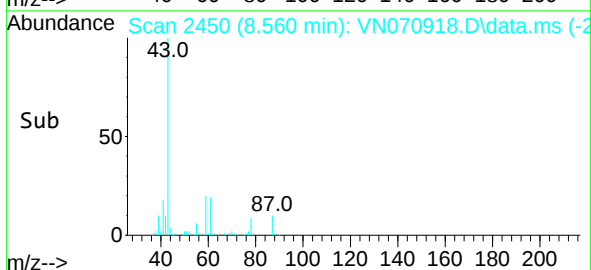
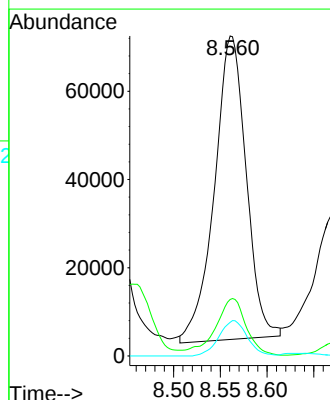
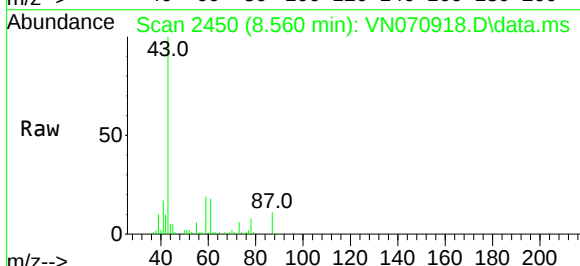
Tgt Ion: 43 Resp: 162445

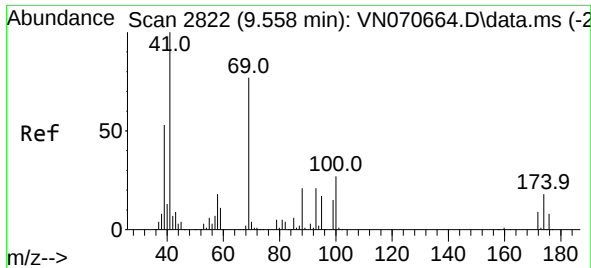
Ion Ratio Lower Upper

43 100

61 18.4 20.4 30.6#

87 10.5 11.2 16.8#





#48

Methyl methacrylate

Concen: 11.695 ug/l

RT: 9.531 min Scan# 2812

Delta R.T. -0.027 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

Instrument :

MSVOA_N

ClientSampleId :

31539DL

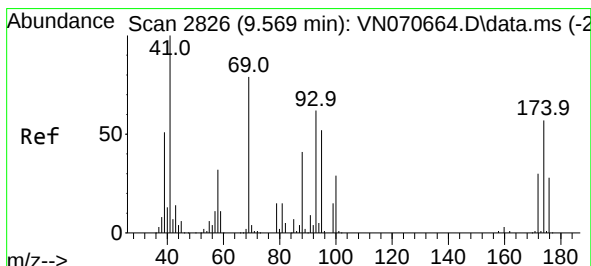
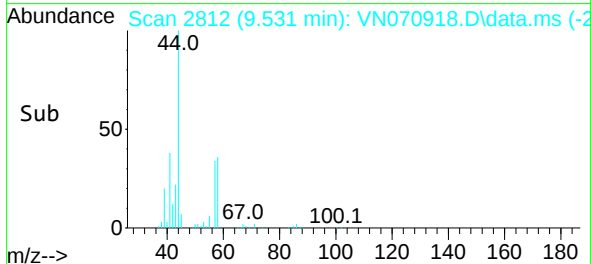
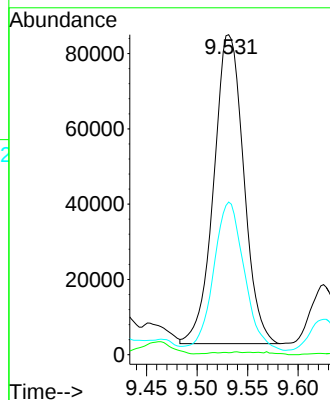
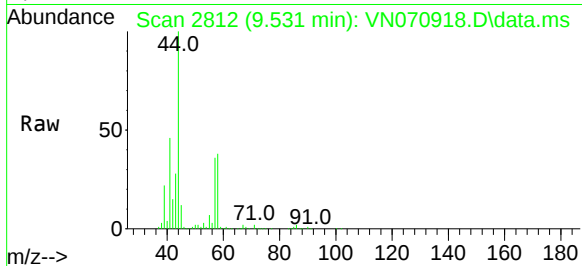
Tgt Ion: 41 Resp: 169392

Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 49.0 58.4 87.6#



#49

1,4-Dioxane

Concen: 293.807 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

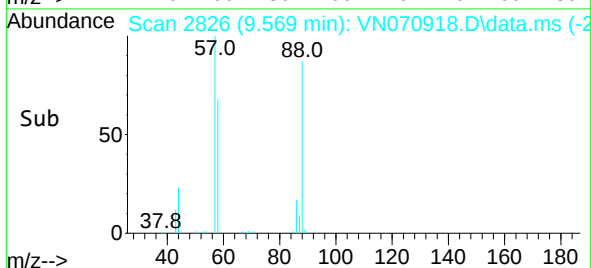
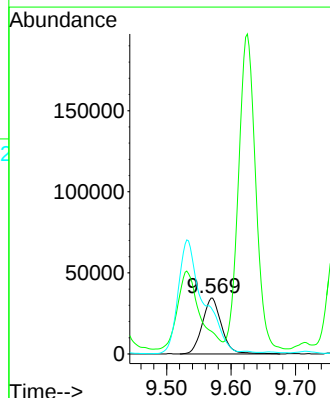
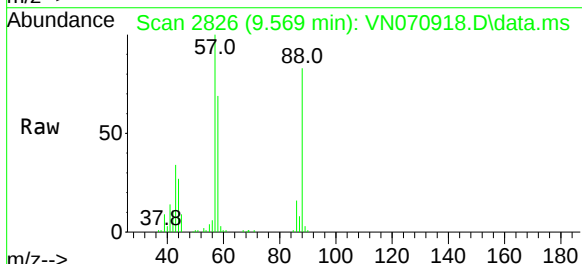
Tgt Ion: 88 Resp: 71290

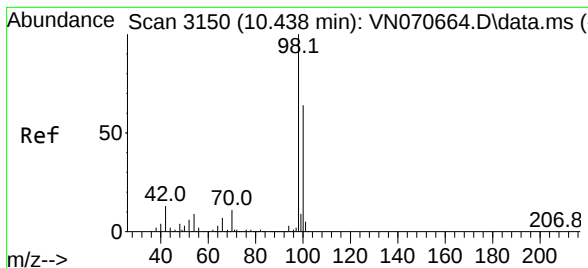
Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#





#50

Toluene-d8

Concen: 50.686 ug/l

RT: 10.440 min Scan# 3110

Delta R.T. -0.001 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

Instrument :

MSVOA_N

ClientSampleId :

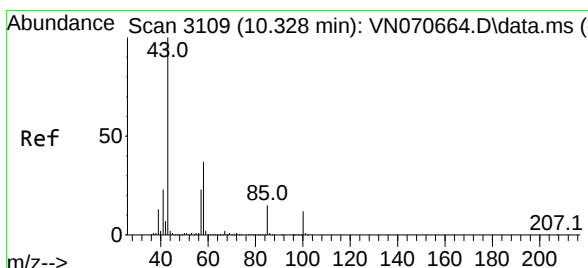
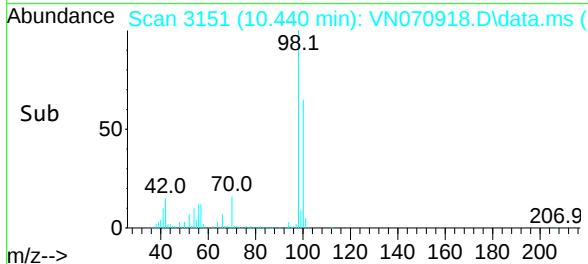
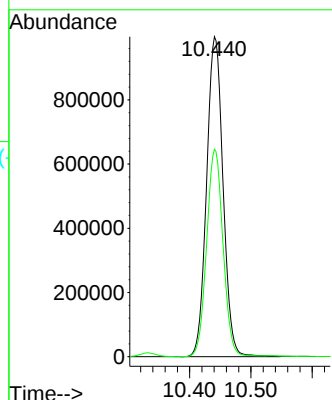
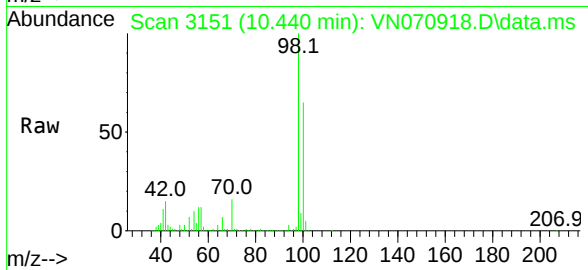
31539DL

Tgt Ion: 98 Resp: 1857477

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 8.678 ug/l

RT: 10.330 min Scan# 3110

Delta R.T. -0.001 min

Lab File: VN070918.D

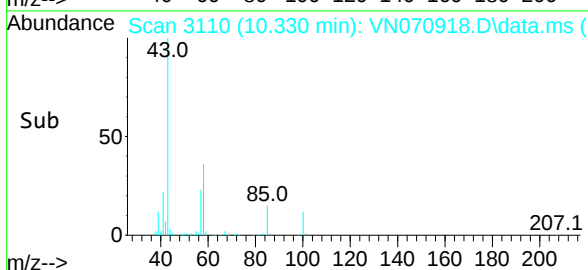
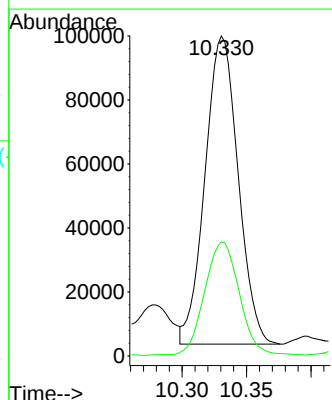
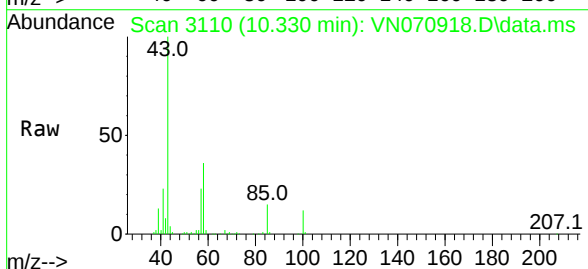
Acq: 3 Feb 2022 3:05

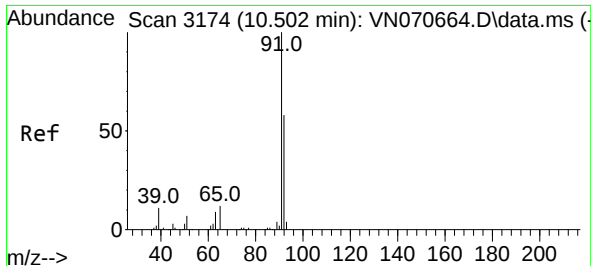
Tgt Ion: 43 Resp: 171601

Ion Ratio Lower Upper

43 100

58 38.1 30.4 45.6

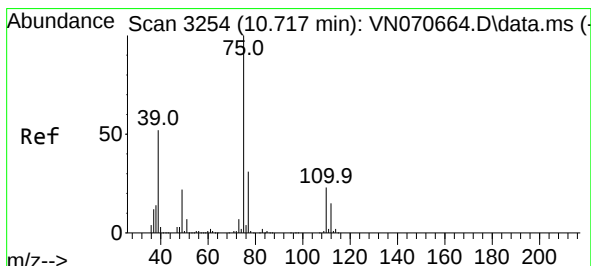
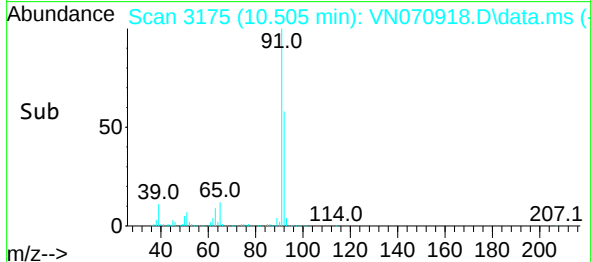
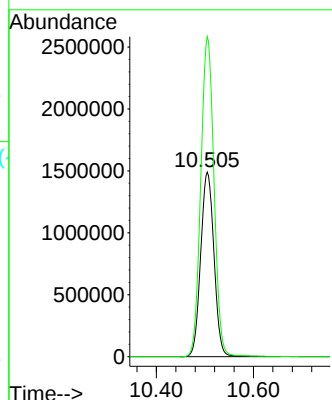
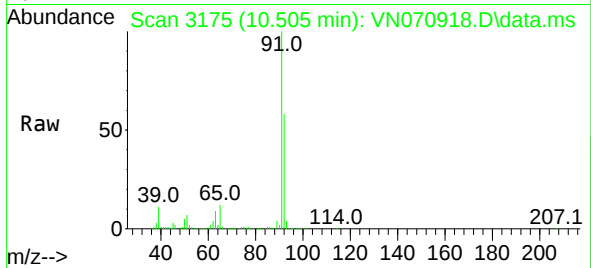




#52
Toluene
Concen: 100.139 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

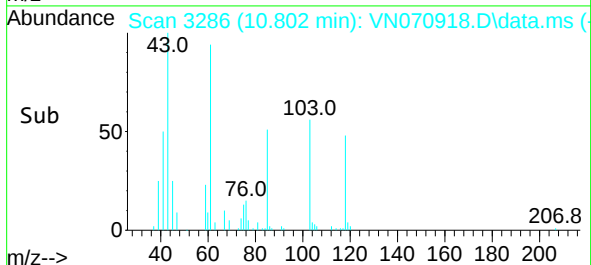
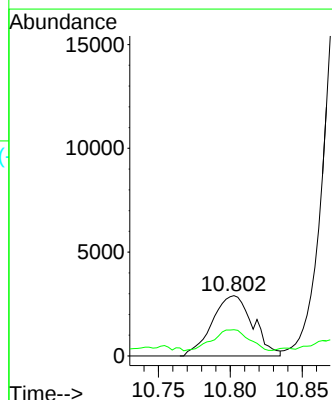
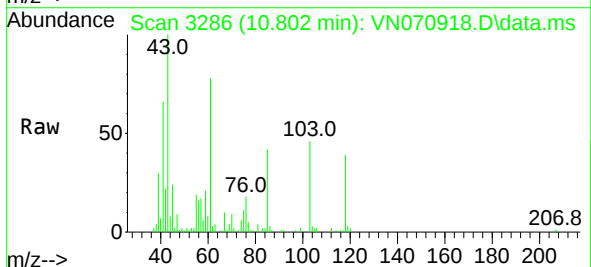
Instrument :
MSVOA_N
ClientSampleId :
31539DL

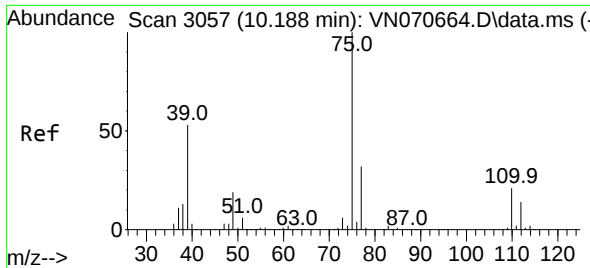
Tgt Ion: 92 Resp: 2826463
Ion Ratio Lower Upper
92 100
91 172.7 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 0.346 ug/l
RT: 10.802 min Scan# 3286
Delta R.T. 0.085 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 75 Resp: 5753
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

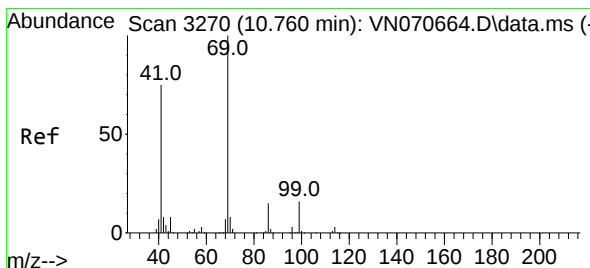
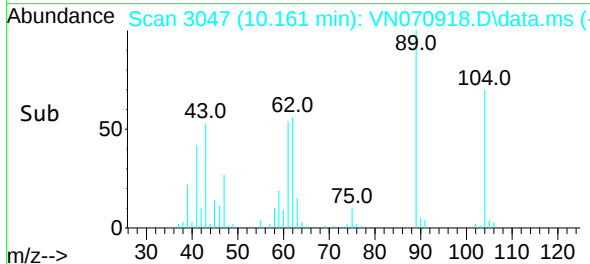
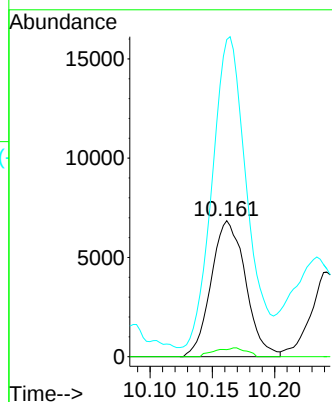
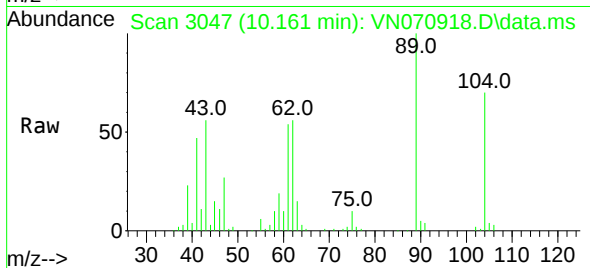




#54
 cis-1,3-Dichloropropene
 Concen: 0.728 ug/l
 RT: 10.161 min Scan# 3057
 Delta R.T. -0.027 min
 Lab File: VN070918.D
 Acq: 3 Feb 2022 3:05

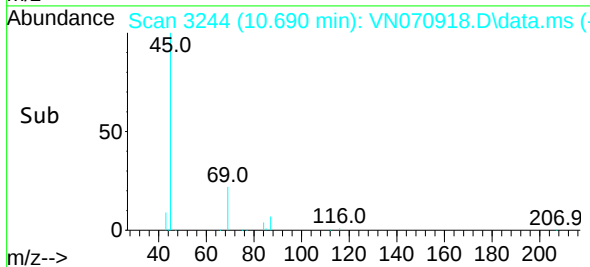
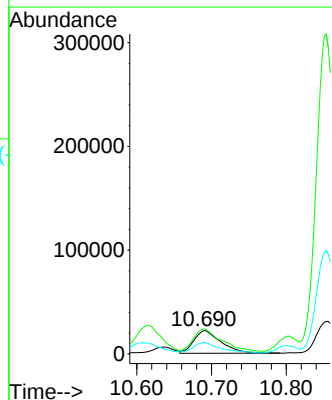
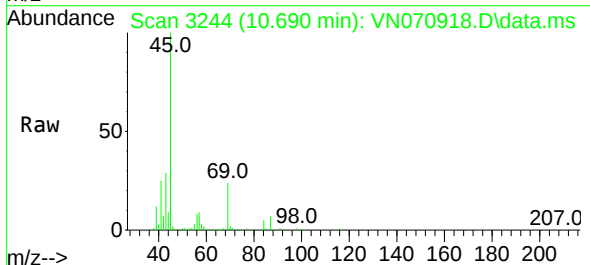
Instrument :
 MSVOA_N
 ClientSampleId :
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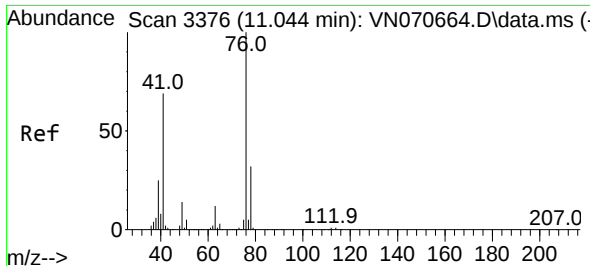
Tgt Ion: 75 Resp: 13152
 Ion Ratio Lower Upper
 75 100
 77 5.1 26.4 39.6#
 39 226.5 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.935 ug/l
 RT: 10.690 min Scan# 3244
 Delta R.T. -0.070 min
 Lab File: VN070918.D
 Acq: 3 Feb 2022 3:05

Tgt Ion: 69 Resp: 54801
 Ion Ratio Lower Upper
 69 100
 41 99.2 51.4 77.0#
 39 44.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 0.229 ug/l

RT: 11.089 min Scan# 31

Delta R.T. 0.045 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

Instrument :

MSVOA_N

ClientSampleId :

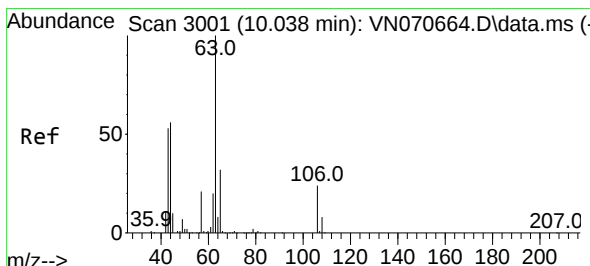
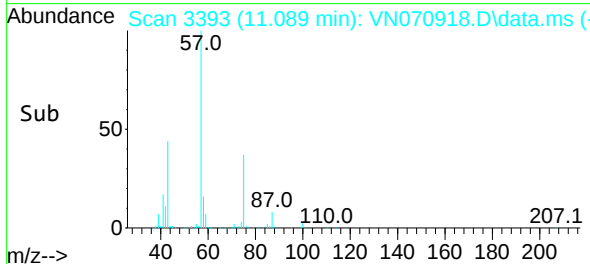
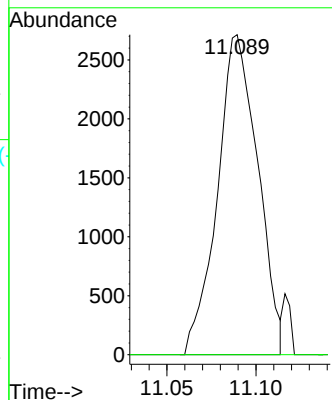
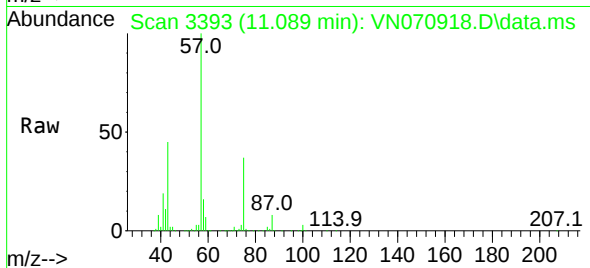
31539DL

Tgt Ion: 76 Resp: 4292

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 23.212 ug/l

RT: 10.164 min Scan# 3048

Delta R.T. 0.123 min

Lab File: VN070918.D

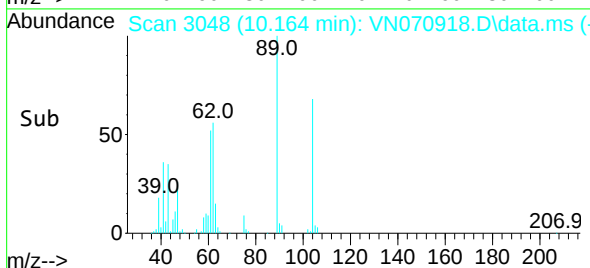
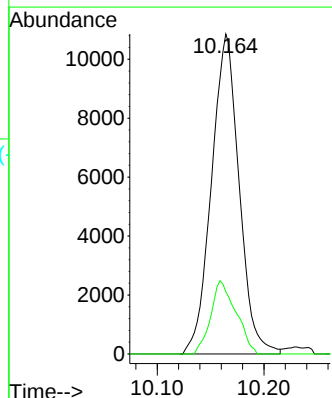
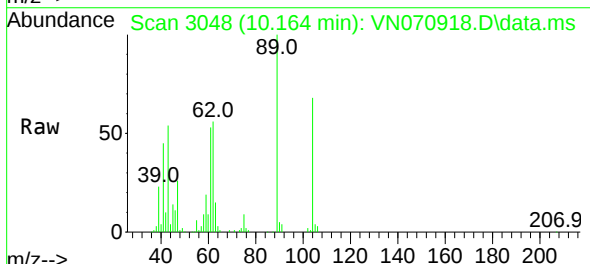
Acq: 3 Feb 2022 3:05

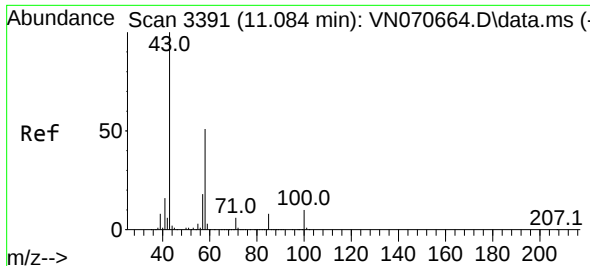
Tgt Ion: 63 Resp: 19544

Ion Ratio Lower Upper

63 100

106 20.8 23.9 35.9#

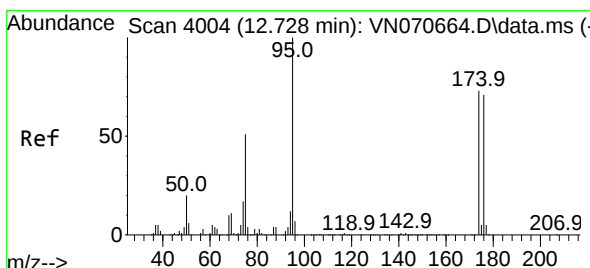
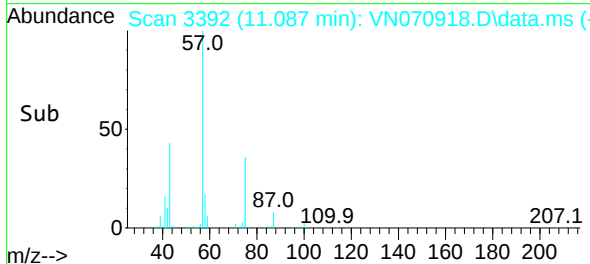
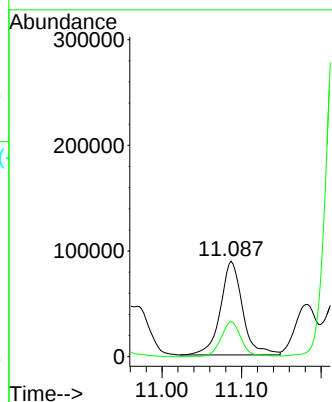
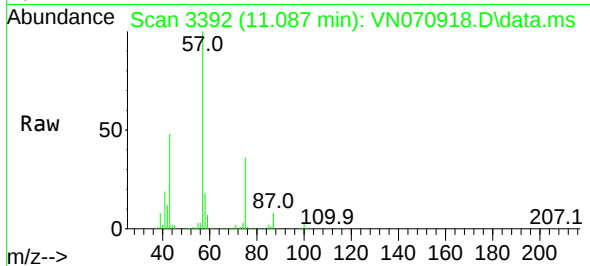




#59
2-Hexanone
Concen: 11.891 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

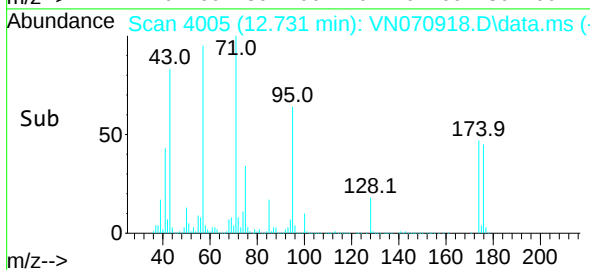
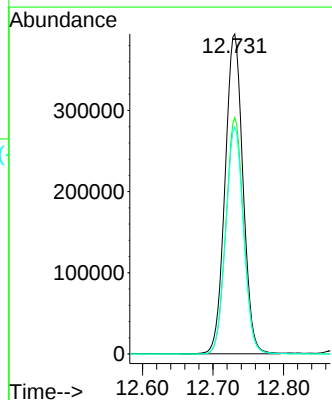
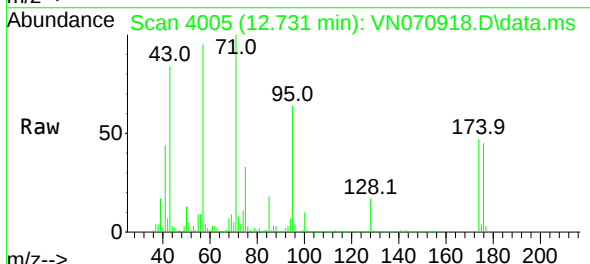
Instrument :
MSVOA_N
ClientSampleId :
31539DL

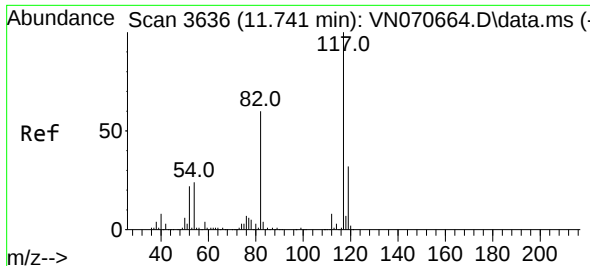
Tgt Ion: 43 Resp: 171671
Ion Ratio Lower Upper
43 100
58 33.2 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 52.585 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 95 Resp: 694363
Ion Ratio Lower Upper
95 100
174 73.3 0.0 187.2
176 70.4 0.0 181.4

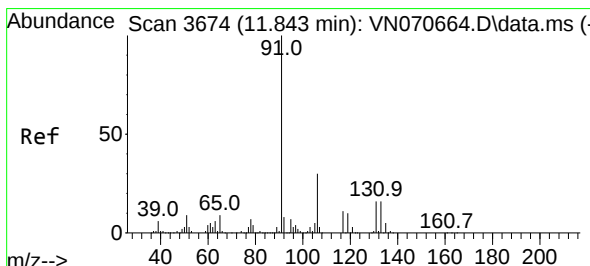
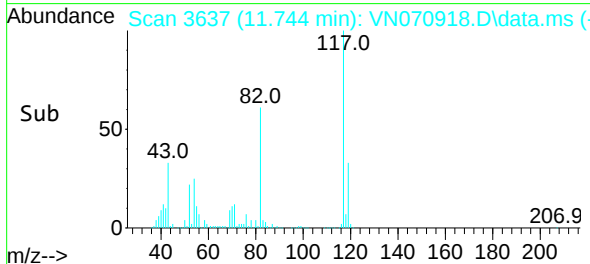
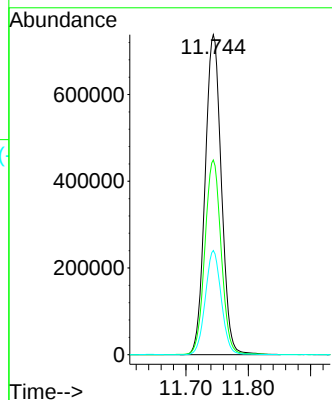
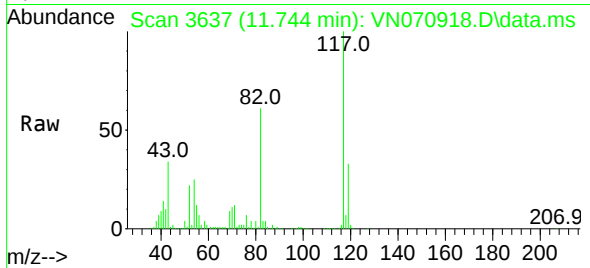




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. -0.000 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

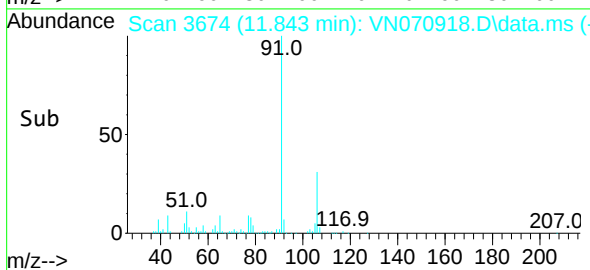
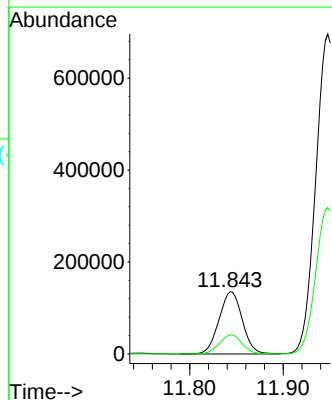
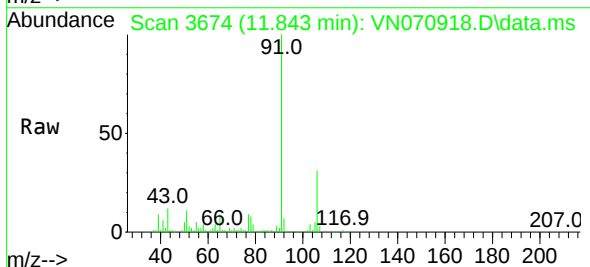
Instrument :
MSVOA_N
ClientSampleId :
31539DL

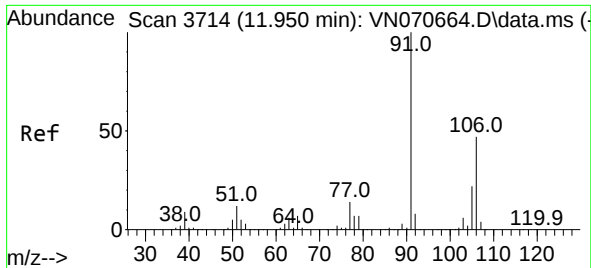
Tgt Ion:117 Resp: 1336398
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 32.5 25.4 38.2



#67
Ethyl Benzene
Concen: 4.589 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 91 Resp: 233998
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

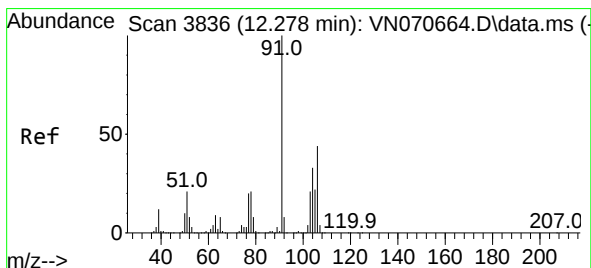
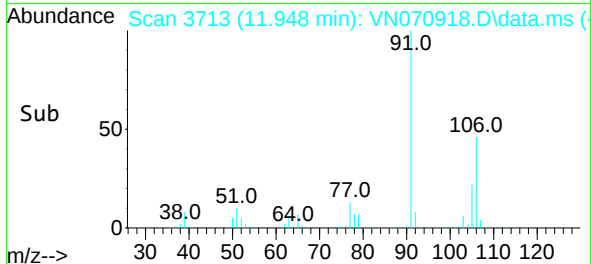
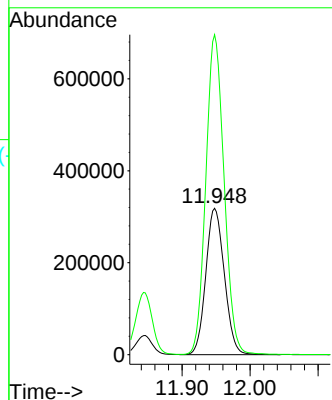
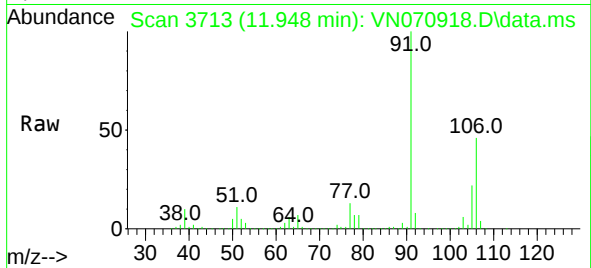




#68
m/p-Xylenes
Concen: 31.942 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

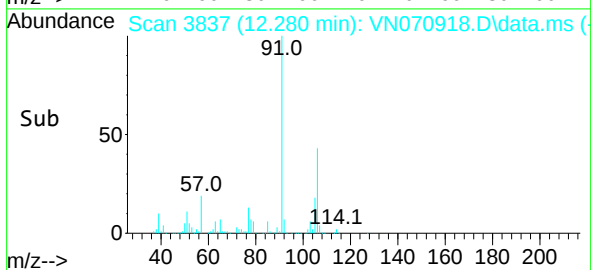
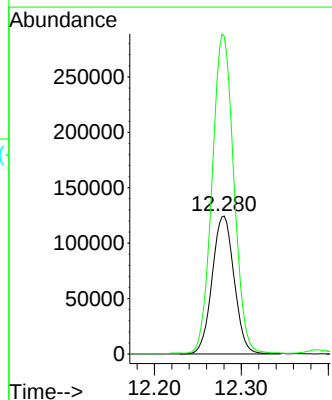
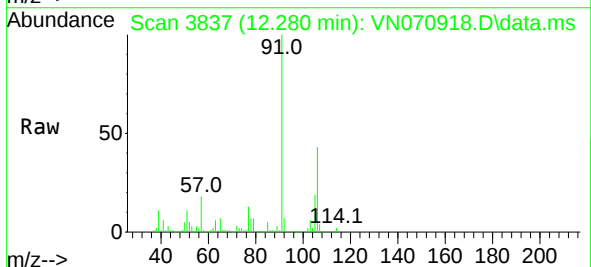
Instrument :
MSVOA_N
ClientSampleId :
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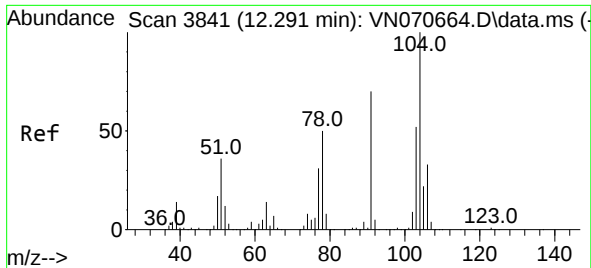
Tgt Ion:106 Resp: 603452
Ion Ratio Lower Upper
106 100
91 215.1 160.6 240.8



#69
o-Xylene
Concen: 11.564 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion:106 Resp: 218653
Ion Ratio Lower Upper
106 100
91 228.3 105.8 317.3

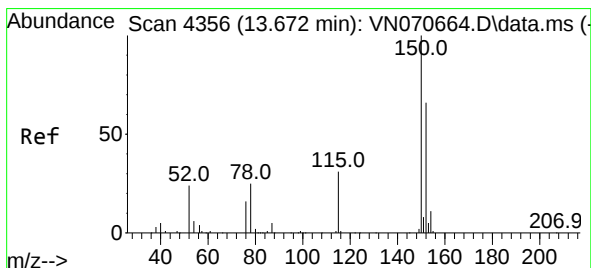
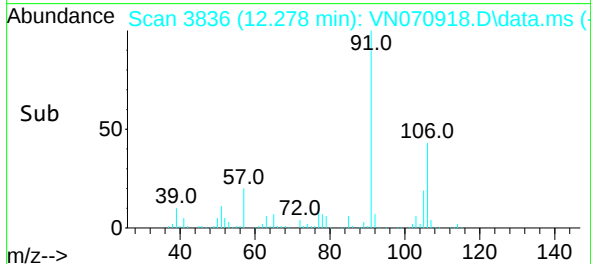
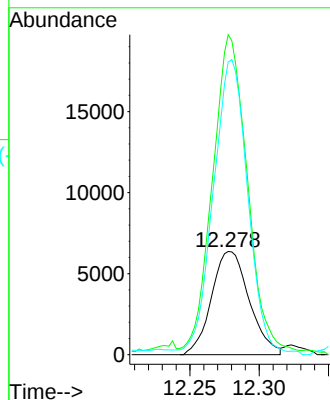
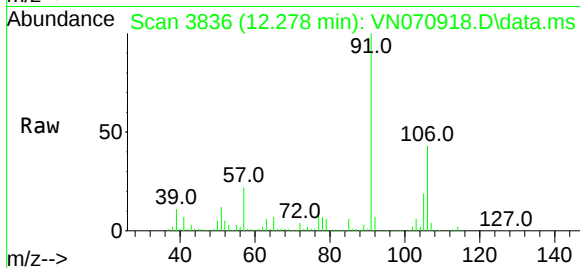




#70
Styrene
Concen: 0.406 ug/l
RT: 12.278 min Scan# 31
Delta R.T. -0.016 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

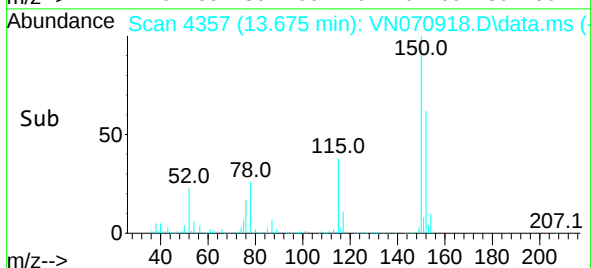
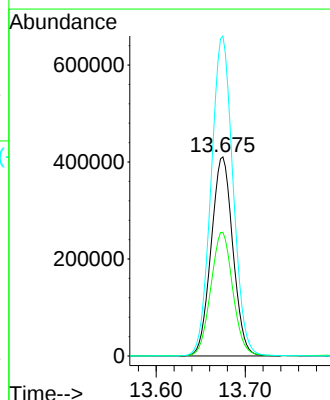
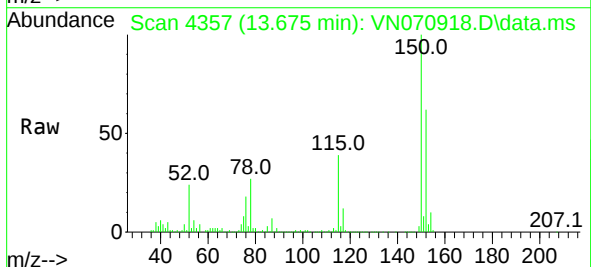
Instrument :
MSVOA_N
ClientSampleId :
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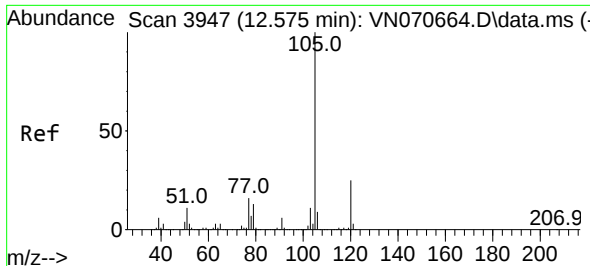
Tgt Ion:104 Resp: 12090
Ion Ratio Lower Upper
104 100
78 280.6 38.7 58.1#
103 260.9 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion:152 Resp: 697061
Ion Ratio Lower Upper
152 100
115 62.4 27.5 82.5
150 161.9 0.0 344.4

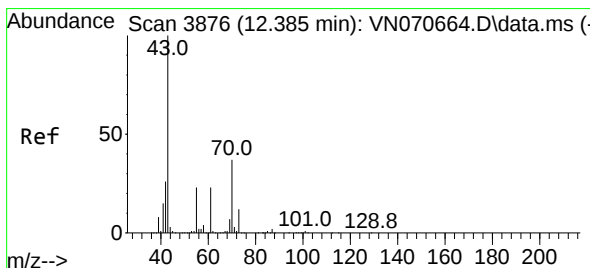
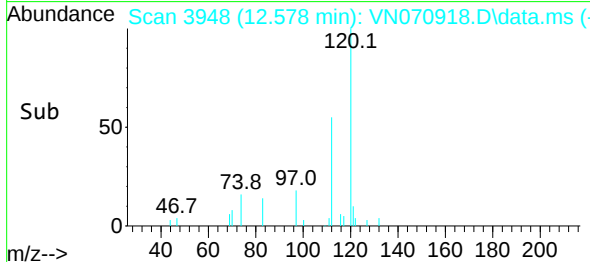
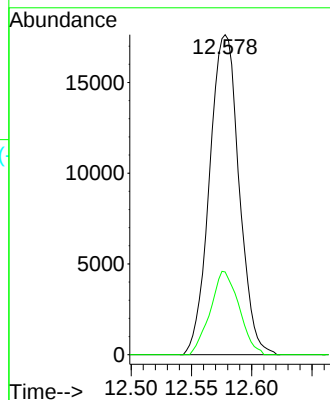
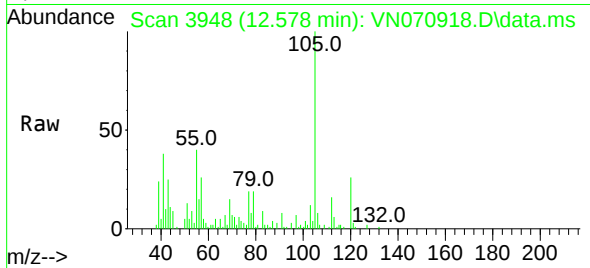




#73
Isopropylbenzene
Concen: 0.494 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

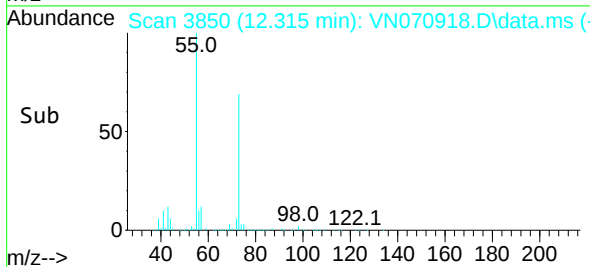
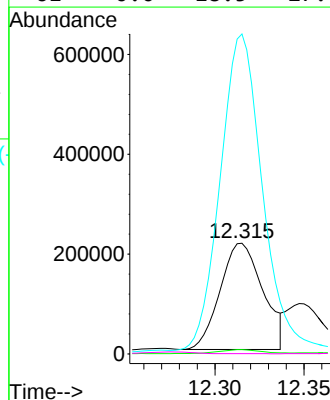
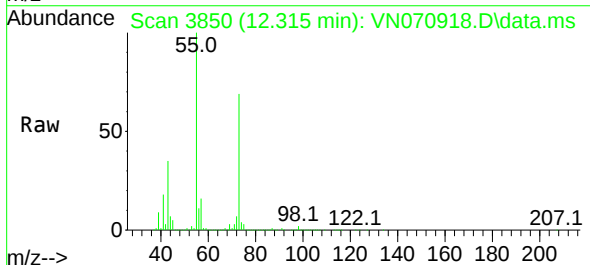
Instrument :
MSVOA_N
ClientSampleId :
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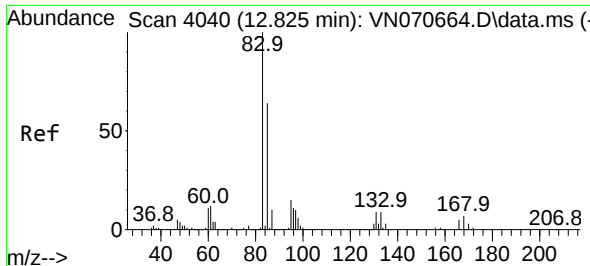
Tgt Ion:105 Resp: 30042
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1



#74
N-ethyl acetate
Concen: 13.099 ug/l
RT: 12.315 min Scan# 3850
Delta R.T. -0.073 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 43 Resp: 356791
Ion Ratio Lower Upper
43 100
70 3.7 33.4 50.0#
55 292.3 19.3 28.9#
61 0.0 18.5 27.7#

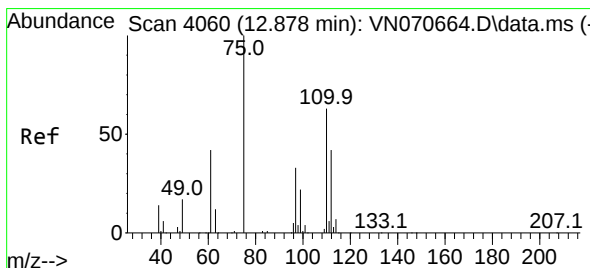
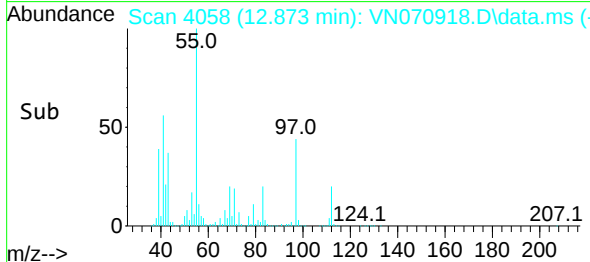
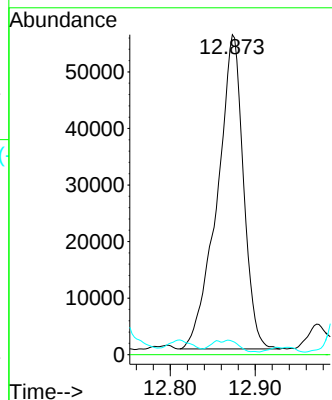
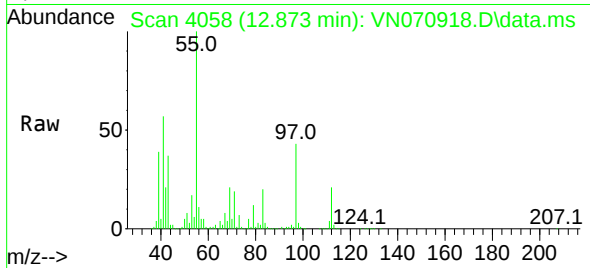




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.674 ug/l
 RT: 12.873 min Scan# 4058
 Delta R.T. 0.048 min
 Lab File: VN070918.D
 Acq: 3 Feb 2022 3:05

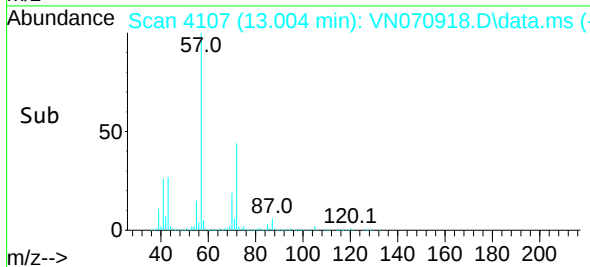
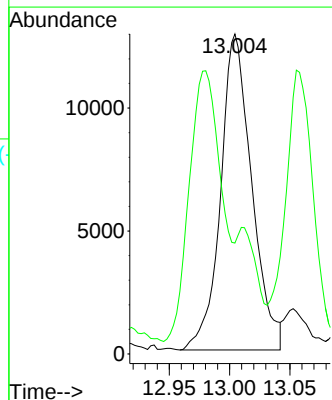
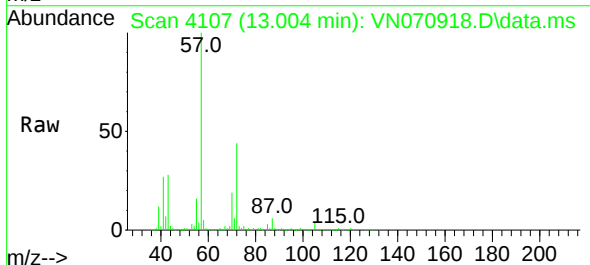
Instrument :
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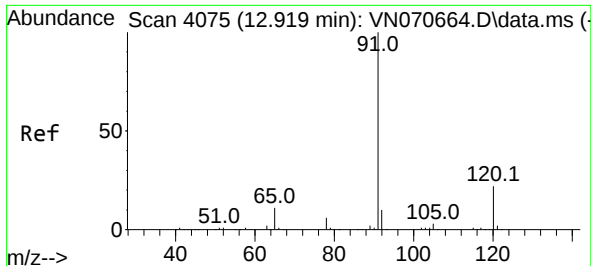
Tgt Ion: 83 Resp: 119520
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 1.377 ug/l
 RT: 13.004 min Scan# 4107
 Delta R.T. 0.126 min
 Lab File: VN070918.D
 Acq: 3 Feb 2022 3:05

Tgt Ion: 75 Resp: 23104
 Ion Ratio Lower Upper
 75 100
 77 0.0 82.6 247.8#

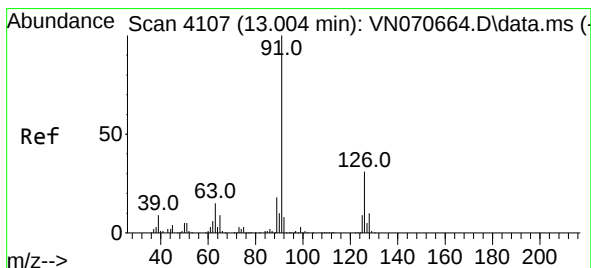
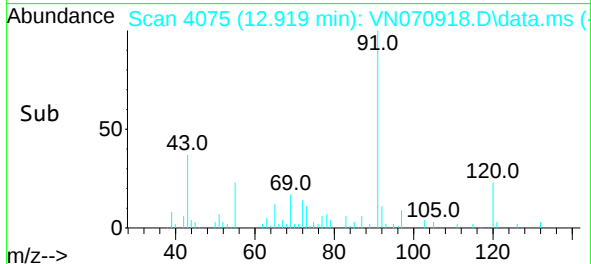
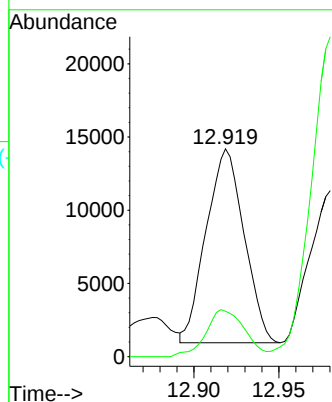
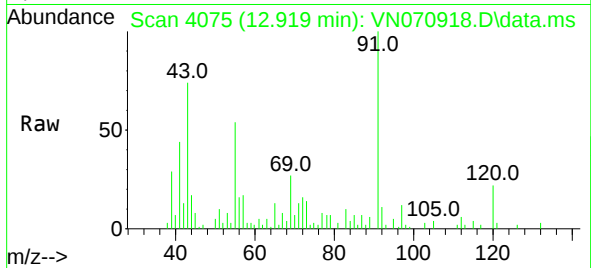




#78
n-propylbenzene
Concen: 0.296 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

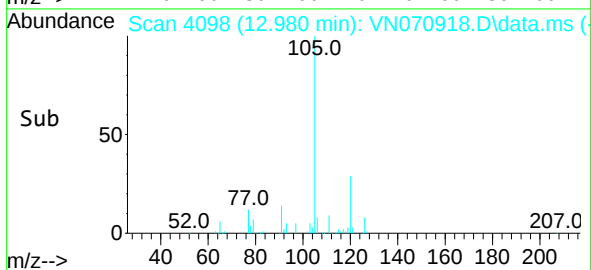
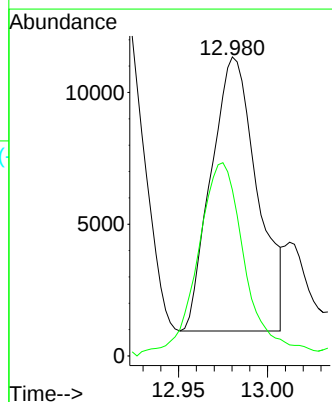
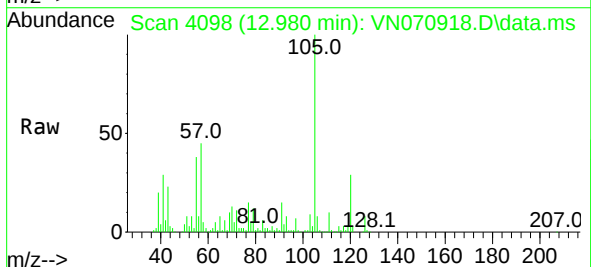
Instrument :
MSVOA_N
ClientSampleId :
31539DL

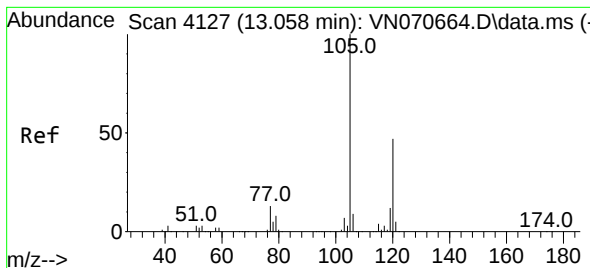
Tgt Ion: 91 Resp: 20561
Ion Ratio Lower Upper
91 100
120 24.6 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.436 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.027 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 91 Resp: 18801
Ion Ratio Lower Upper
91 100
126 72.4 18.3 54.8#





#80

1,3,5-Trimethylbenzene

Concen: 2.772 ug/l

RT: 13.058 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

Instrument :

MSVOA_N

ClientSampleId :

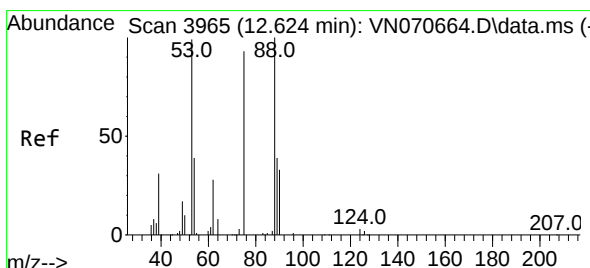
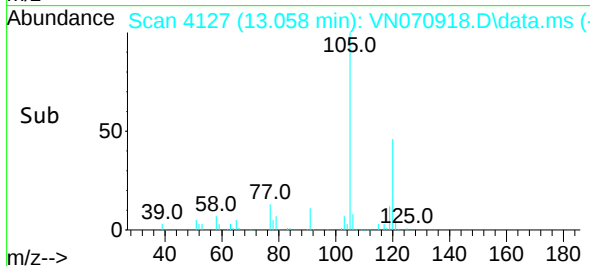
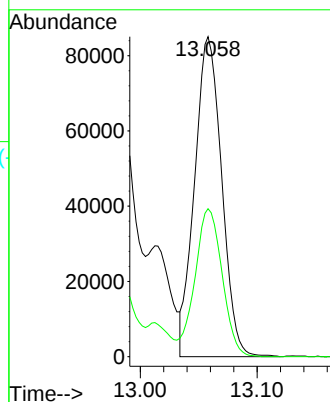
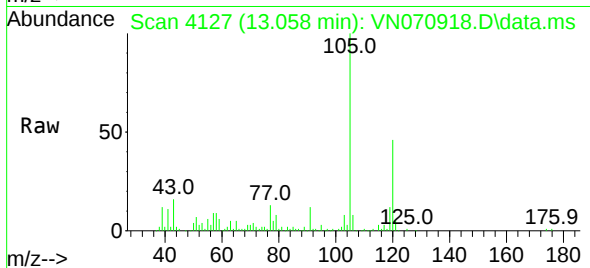
31539DL

Tgt Ion:105 Resp: 136644

Ion Ratio Lower Upper

105 100

120 46.7 24.6 73.6



#81

trans-1,4-Dichloro-2-butene

Concen: 59.554 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. 0.107 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

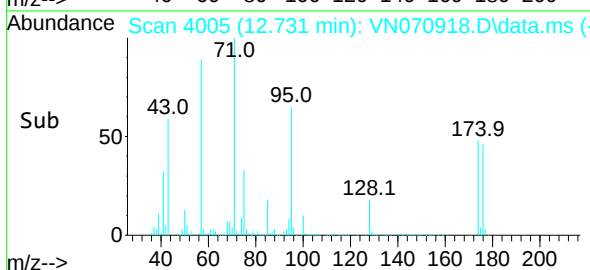
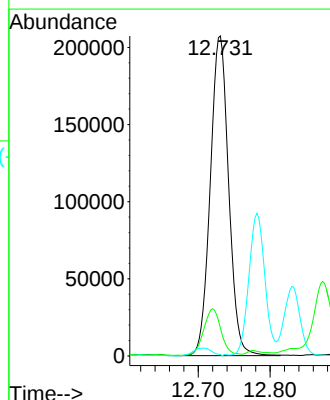
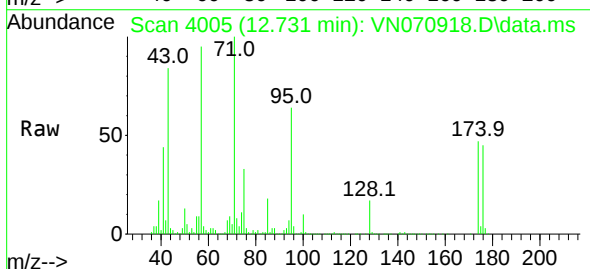
Tgt Ion: 75 Resp: 368623

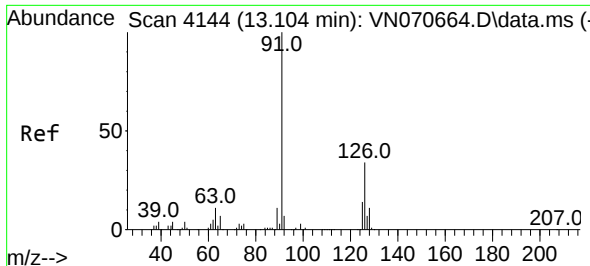
Ion Ratio Lower Upper

75 100

53 13.7 90.5 135.7#

89 0.0 38.2 57.4#

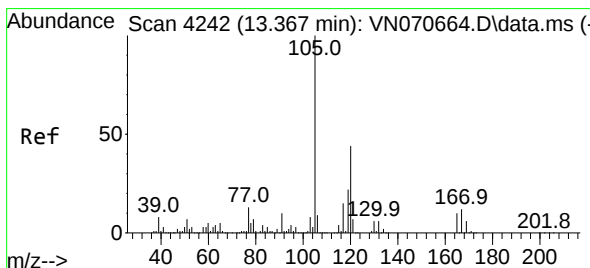
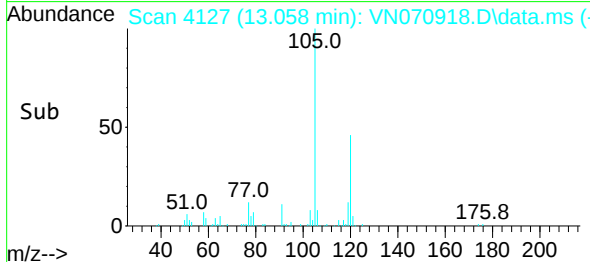
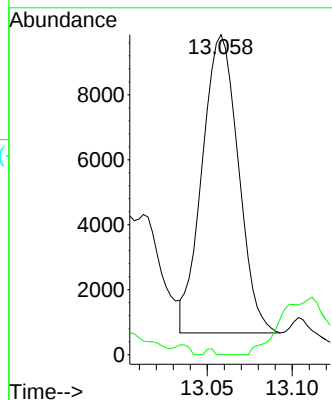
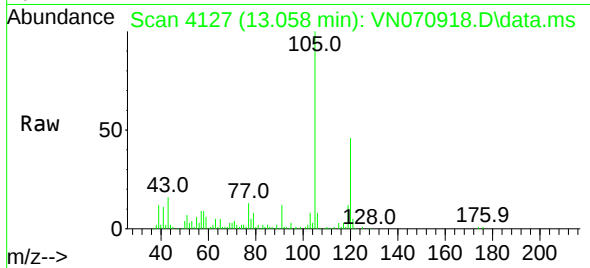




#82
4-Chlorotoluene
Concen: 0.327 ug/l
RT: 13.058 min Scan# 4144
Delta R.T. -0.046 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

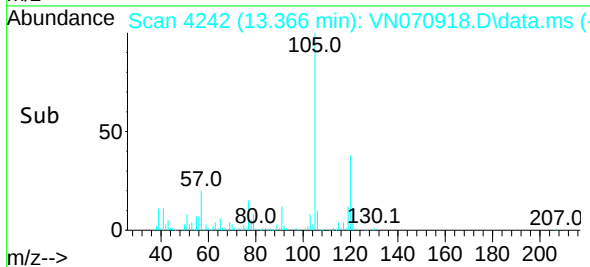
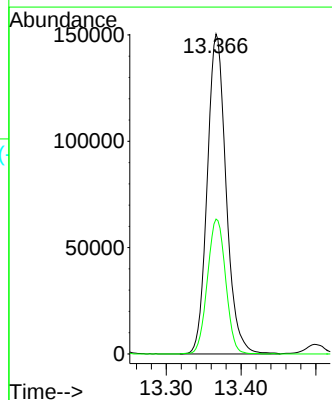
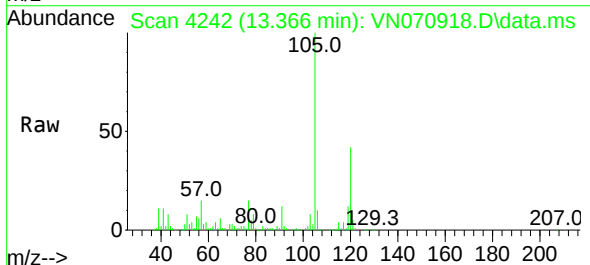
Instrument :
MSVOA_N
ClientSampleId :
31539DL

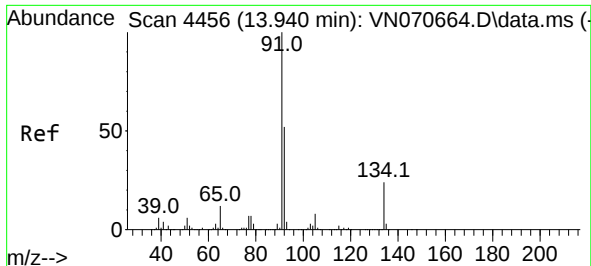
Tgt Ion: 91 Resp: 13598
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#84
1,2,4-Trimethylbenzene
Concen: 5.469 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070918.D
Acq: 3 Feb 2022 3:05

Tgt Ion: 105 Resp: 263647
Ion Ratio Lower Upper
105 100
120 40.8 22.8 68.4





#89

n-Butylbenzene

Concen: 0.205 ug/l

RT: 13.903 min Scan# 4442

Delta R.T. -0.038 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

Instrument :

MSVOA_N

ClientSampleId :

31539DL

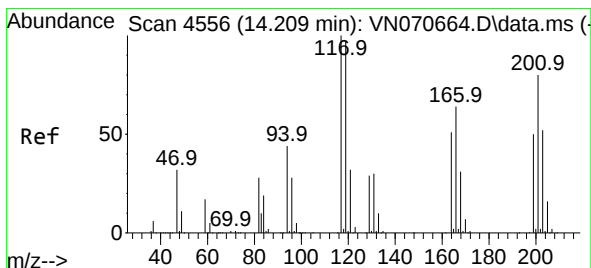
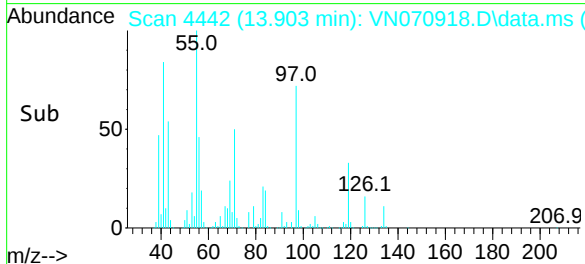
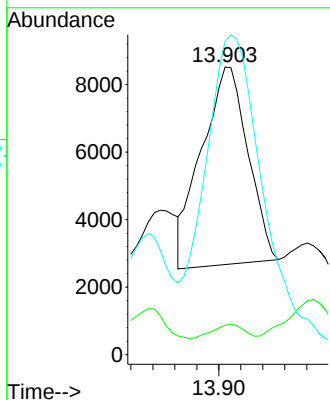
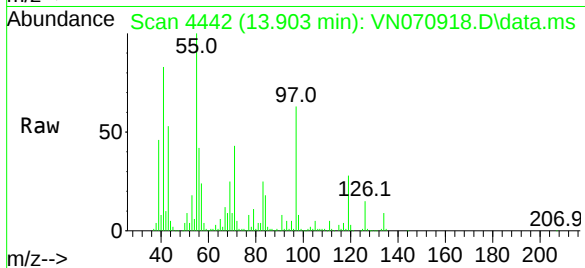
Tgt Ion: 91 Resp: 8579

Ion Ratio Lower Upper

91 100

92 10.2 25.4 76.0#

134 211.1 13.6 40.8#



#90

Hexachloroethane

Concen: 0.515 ug/l

RT: 14.214 min Scan# 4558

Delta R.T. 0.005 min

Lab File: VN070918.D

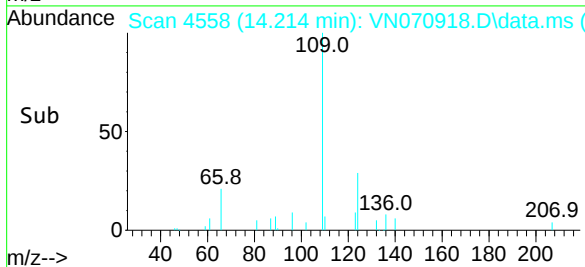
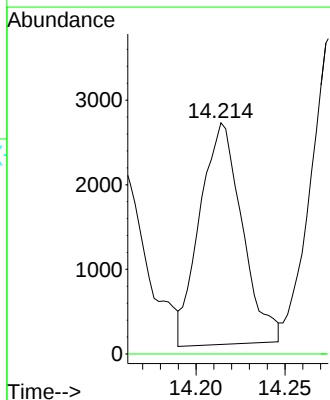
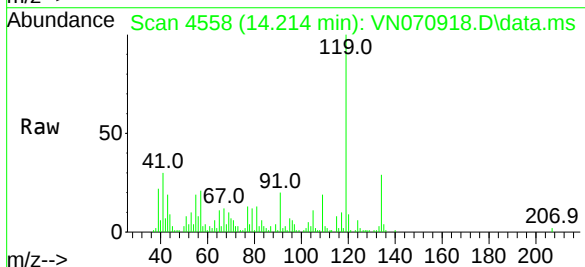
Acq: 3 Feb 2022 3:05

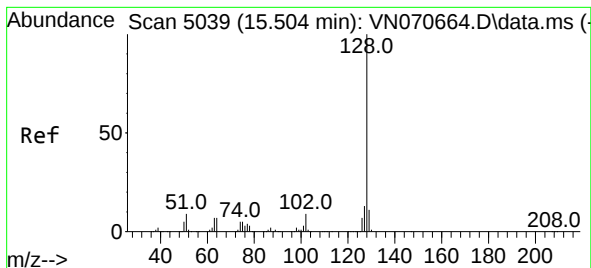
Tgt Ion: 117 Resp: 4327

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#





#95

Naphthalene

Concen: 4.538 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

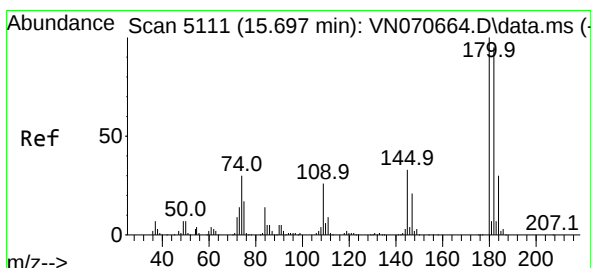
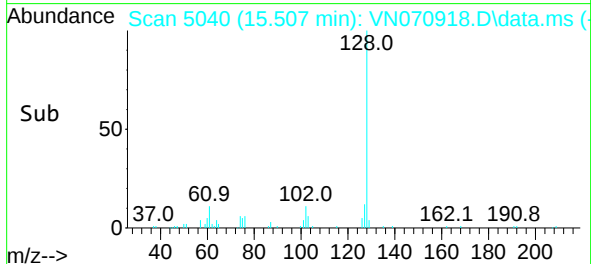
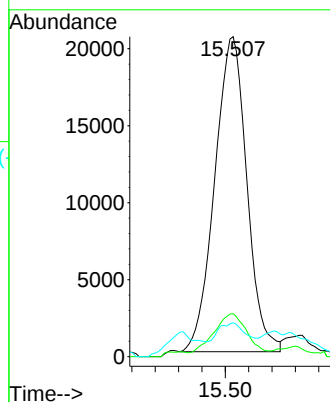
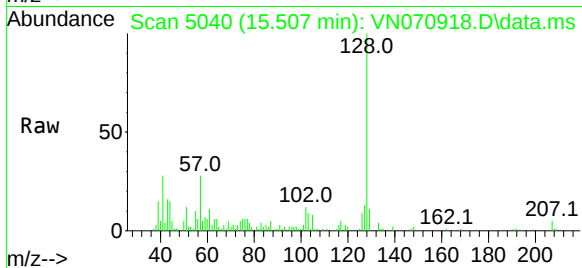
Instrument :

MSVOA_N

ClientSampleId :

31539DL

Tgt Ion:128	Resp:	39100
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.5 15.7
129	4.5	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 1.758 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.000 min

Lab File: VN070918.D

Acq: 3 Feb 2022 3:05

Tgt Ion:180	Resp:	728
Ion Ratio	Lower	Upper
180	100	
182	0.0	47.4 142.2#
145	0.0	15.0 45.1#

