

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073539.D
 Acq On : 20 Jul 2022 22:13
 Operator : JC\MD
 Sample : N3779-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 070622-E

Quant Time: Jul 21 08:27:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	297854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	487849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	465244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	261306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	185246	43.082	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.160%		
35) Dibromofluoromethane	7.951	113	157432	48.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.000%		
50) Toluene-d8	10.381	98	522905	45.361	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.720%		
62) 4-Bromofluorobenzene	12.669	95	241706	54.560	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.120%		
Target Compounds						Qvalue
3) Chloromethane	2.258	50	11377	2.691	ug/l #	43
11) Tert butyl alcohol	5.293	59	3425	3.288	ug/l #	82
13) Acrolein	3.987	56	202	0.307	ug/l	91
14) Allyl chloride	4.728	41	5370	0.727	ug/l #	57
16) Acetone	4.222	43	204440	84.704	ug/l	96
17) Carbon Disulfide	4.457	76	24347	2.678	ug/l #	90
18) Methyl Acetate	4.781	43	6298	0.931	ug/l	94
20) Methylene Chloride	5.010	84	1062	0.250	ug/l #	74
25) 2-Butanone	7.269	43	26514	6.900	ug/l #	73
28) Bromochloromethane	7.598	49	707	0.237	ug/l #	20
30) Chloroform	7.751	83	28439	3.959	ug/l	93
31) Cyclohexane	8.016	56	7538	1.070	ug/l #	19
36) 1,1-Dichloropropene	8.016	75	23787	4.763	ug/l #	49
37) Ethyl Acetate	7.340	43	12022	1.593	ug/l #	91
38) Carbon Tetrachloride	8.016	117	30646	5.934	ug/l #	17
40) Benzene	8.392	78	287382	18.646	ug/l	100
47) Bromodichloromethane	9.698	83	11438	2.214	ug/l	92
51) 4-Methyl-2-Pentanone	10.275	43	2163	0.315	ug/l	93
52) Toluene	10.445	92	192760	20.237	ug/l	99
55) 1,1,2-Trichloroethane	10.698	97	122651	31.278	ug/l #	19
56) Ethyl methacrylate	10.692	69	8407	1.326	ug/l #	4
59) 2-Hexanone	11.028	43	2642	0.504	ug/l #	21
60) Dibromochloromethane	11.180	129	5322	1.423	ug/l	99
64) Tetrachloroethene	10.922	164	2549	0.671	ug/l #	84
67) Ethyl Benzene	11.786	91	49788	2.606	ug/l	99
68) m/p-Xylenes	11.892	106	122828	17.037	ug/l	99
69) o-Xylene	12.222	106	88975	12.090	ug/l	94
70) Styrene	12.233	104	32995	2.904	ug/l #	60
74) N-amyl acetate	12.286	43	3617	0.320	ug/l #	39
76) 1,2,3-Trichloropropane	12.674	75	128422	18.795	ug/l #	1
77) Bromobenzene	12.680	156	17535	3.342	ug/l #	1
78) n-propylbenzene	12.863	91	9353	0.373	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	41683	2.266	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.674	75	128422	51.546	ug/l #	13
82) 4-Chlorotoluene	13.163	91	5634	0.367	ug/l	86
84) 1,2,4-Trimethylbenzene	13.310	105	154579	8.418	ug/l	94

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QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

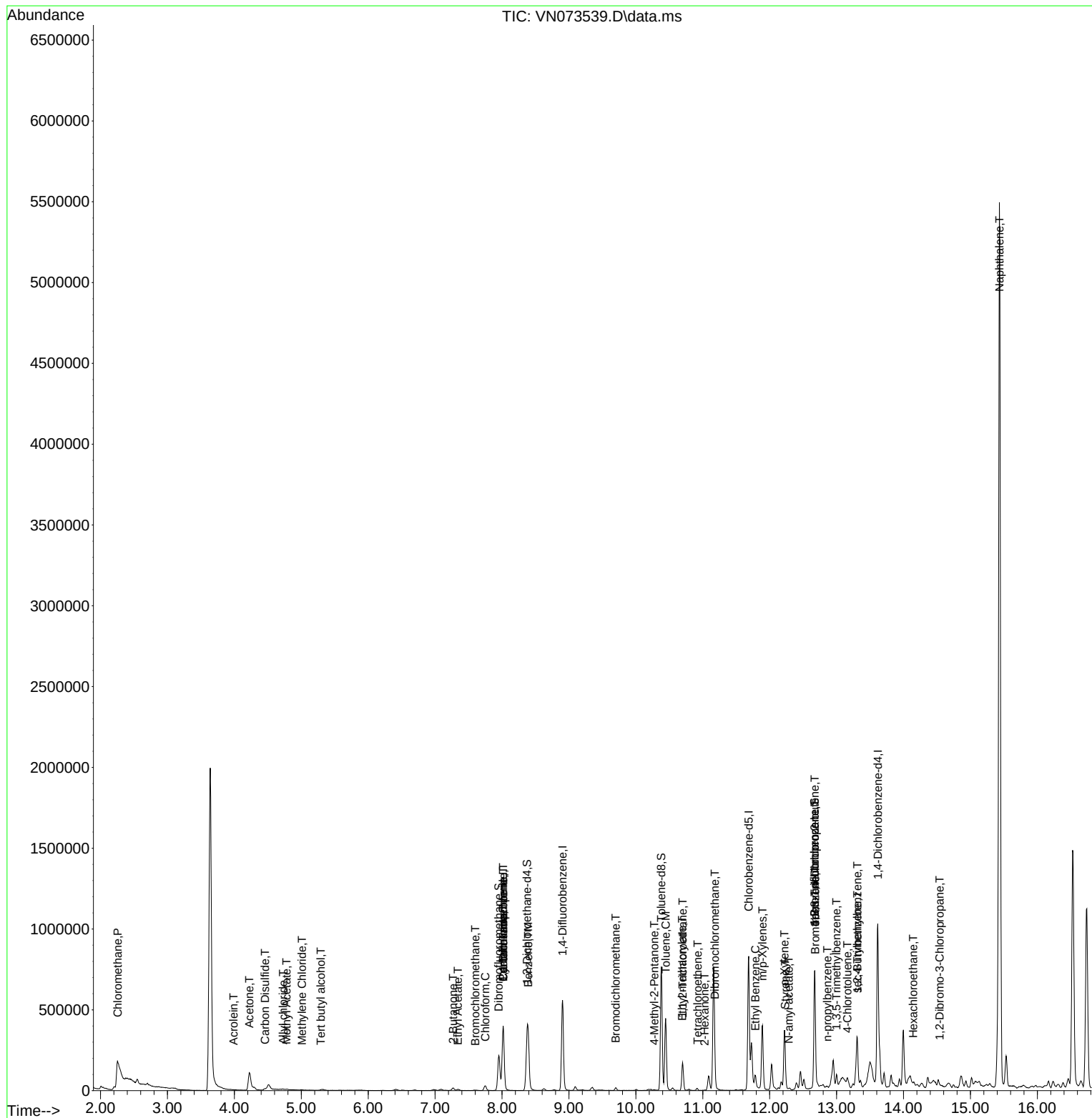
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.310	105	154579	6.982	ug/l #	56
90) Hexachloroethane	14.145	117	1303	0.391	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.539	75	548	0.301	ug/l #	24
95) Naphthalene	15.433	128	4793805	238.034	ug/l	99

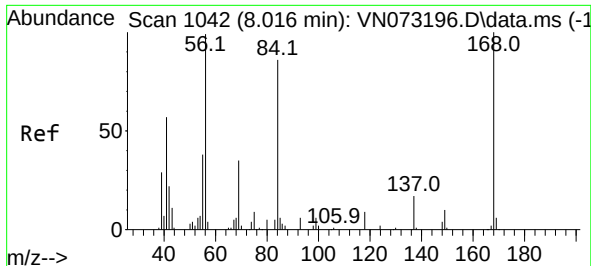
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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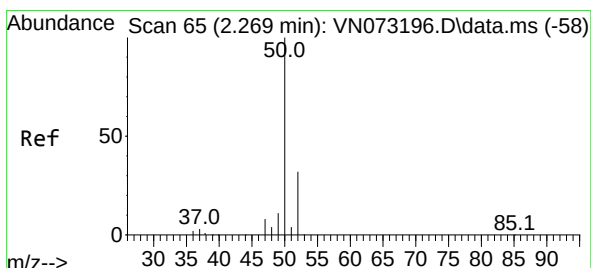
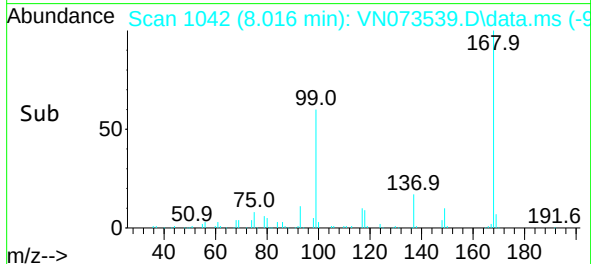
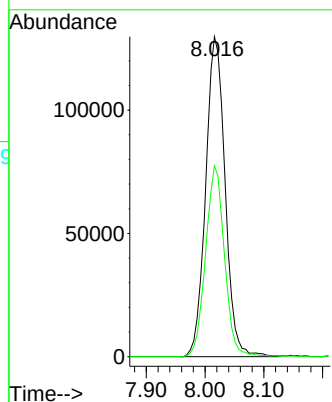
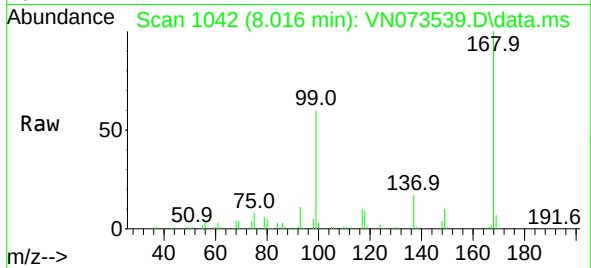




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073539.D
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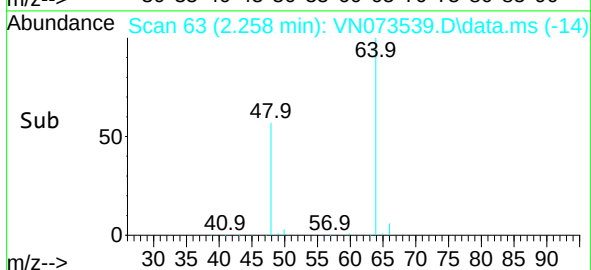
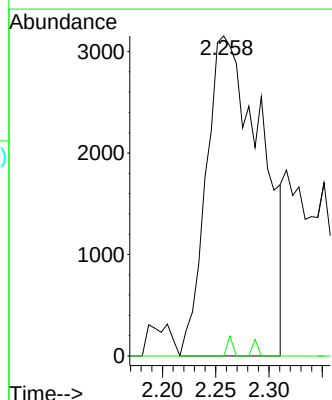
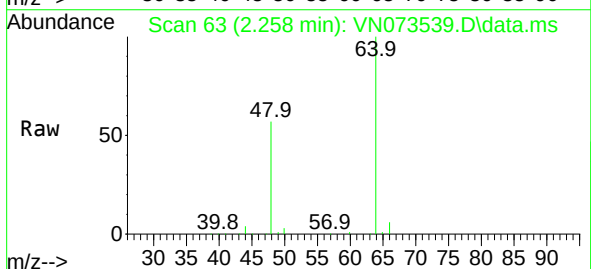
Instrument :
MSVOA_N
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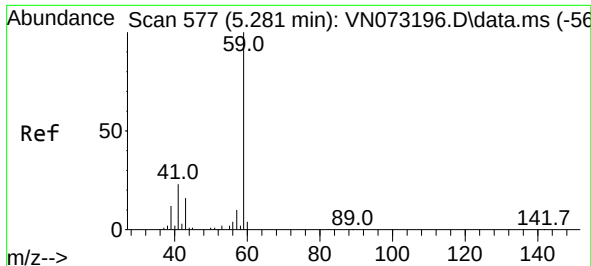
Tgt Ion:168 Resp: 297854
Ion Ratio Lower Upper
168 100
99 59.7 42.3 63.5



#3
Chloromethane
Concen: 2.691 ug/l
RT: 2.258 min Scan# 63
Delta R.T. -0.011 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion: 50 Resp: 11377
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

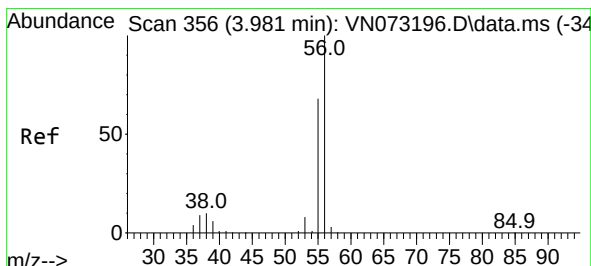
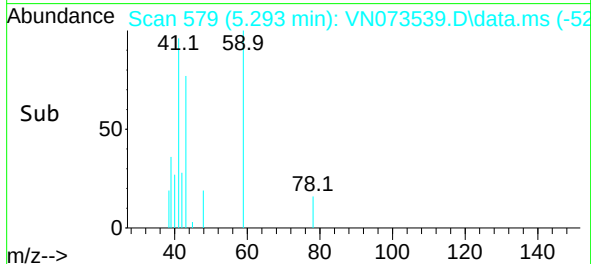
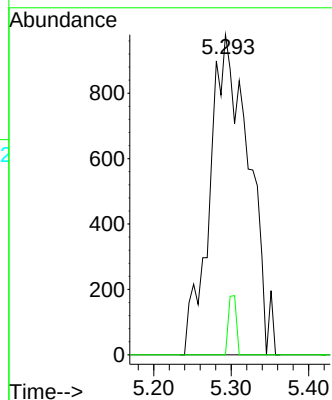
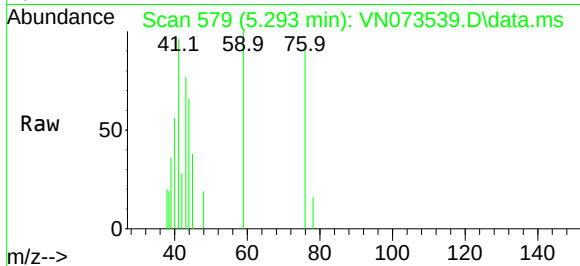




#11
Tert butyl alcohol
Concen: 3.288 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

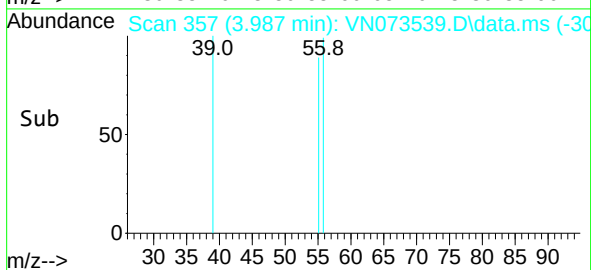
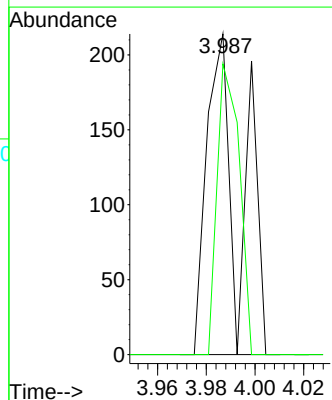
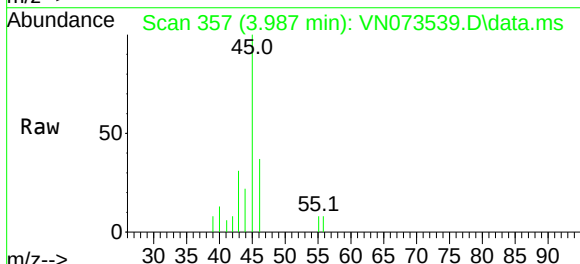
Instrument :
MSVOA_N
ClientSampleId :
070622-E

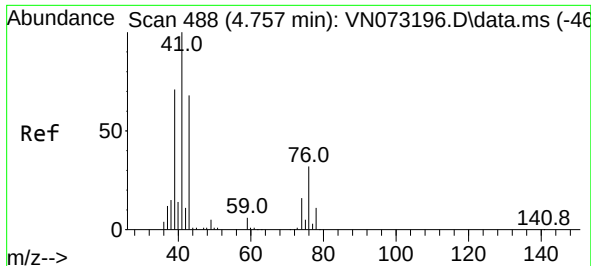
Tgt Ion: 59 Resp: 3425
Ion Ratio Lower Upper
59 100
57 3.7 8.3 12.5#



#13
Acrolein
Concen: 0.307 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 60.9 54.8 82.2

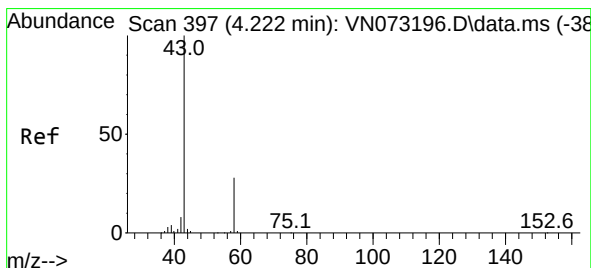
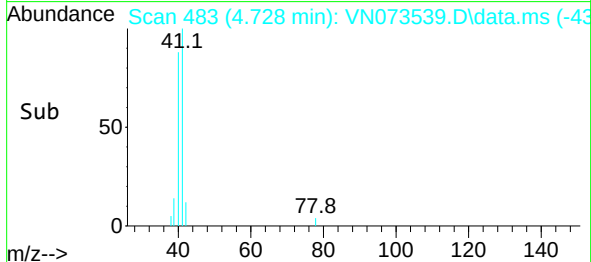
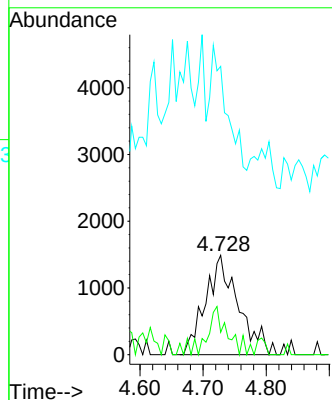
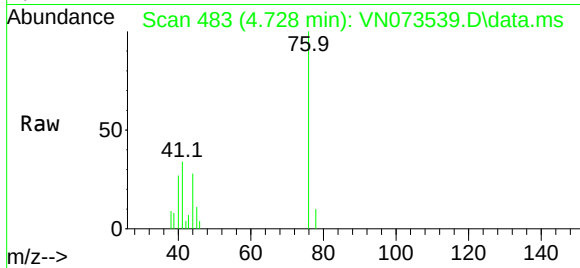




#14
 Allyl chloride
 Concen: 0.727 ug/l
 RT: 4.728 min Scan# 483
 Delta R.T. -0.029 min
 Lab File: VN073539.D
 Acq: 20 Jul 2022 22:13

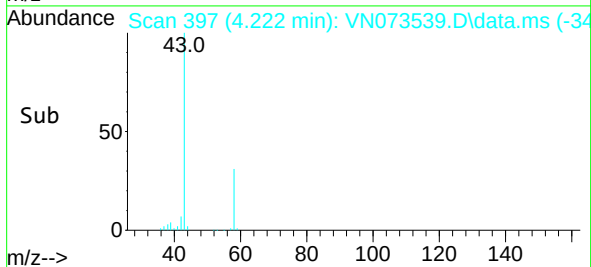
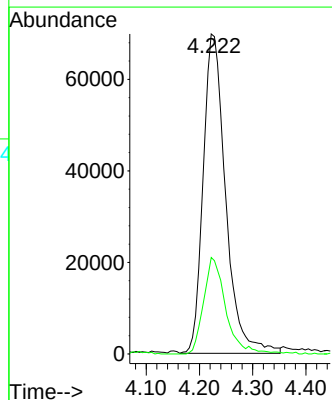
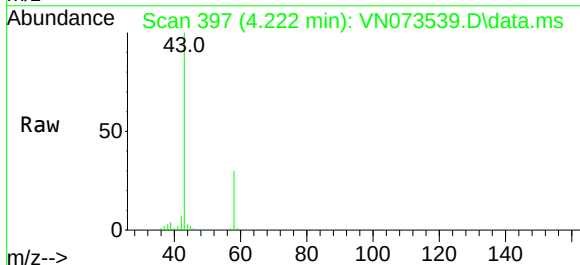
Instrument :
 MSVOA_N
 ClientSampleId :
 070622-E

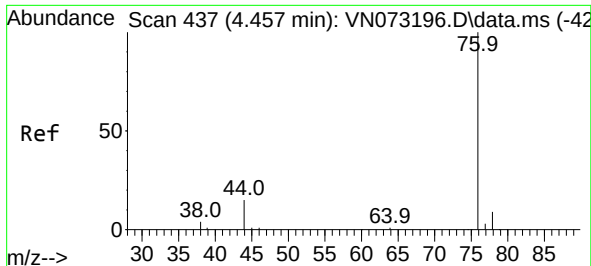
Tgt Ion: 41 Resp: 5370
 Ion Ratio Lower Upper
 41 100
 39 25.8 53.2 79.8#
 76 54.4 29.9 44.9#



#16
 Acetone
 Concen: 84.704 ug/l
 RT: 4.222 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VN073539.D
 Acq: 20 Jul 2022 22:13

Tgt Ion: 43 Resp: 204440
 Ion Ratio Lower Upper
 43 100
 58 30.2 26.0 39.0





#17

Carbon Disulfide

Concen: 2.678 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN073539.D

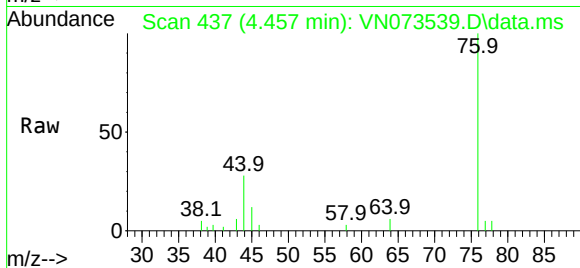
Acq: 20 Jul 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

070622-E

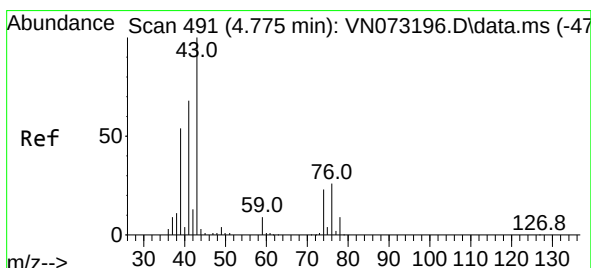
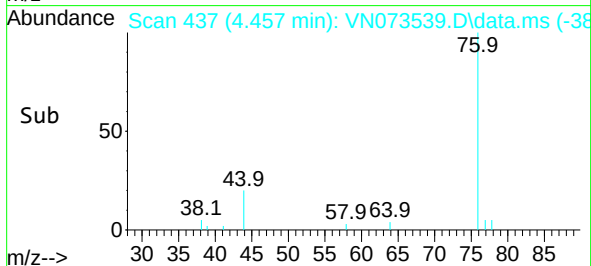
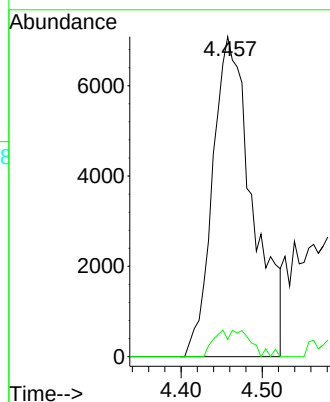


Tgt Ion: 76 Resp: 24347

Ion Ratio Lower Upper

76 100

78 5.4 7.2 10.8#



#18

Methyl Acetate

Concen: 0.931 ug/l

RT: 4.781 min Scan# 492

Delta R.T. 0.006 min

Lab File: VN073539.D

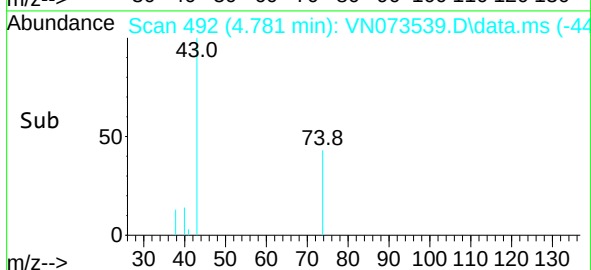
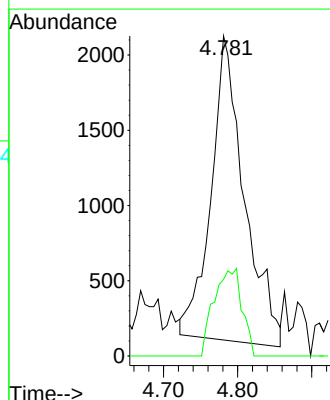
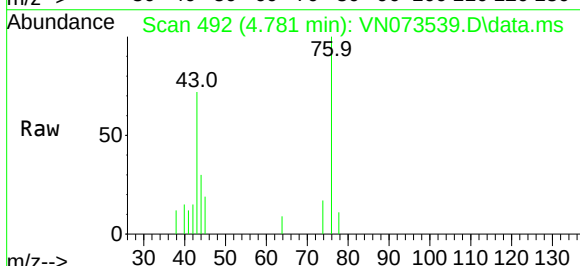
Acq: 20 Jul 2022 22:13

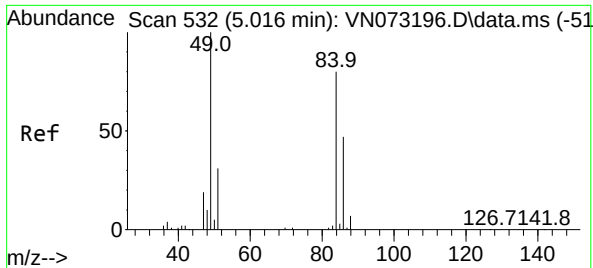
Tgt Ion: 43 Resp: 6298

Ion Ratio Lower Upper

43 100

74 24.1 21.6 32.4

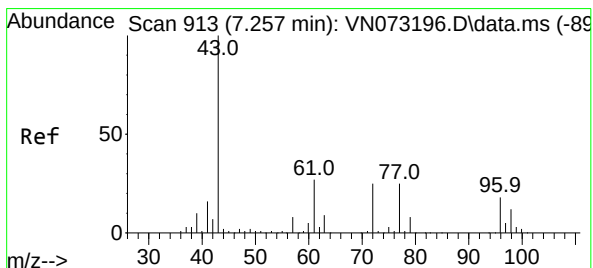
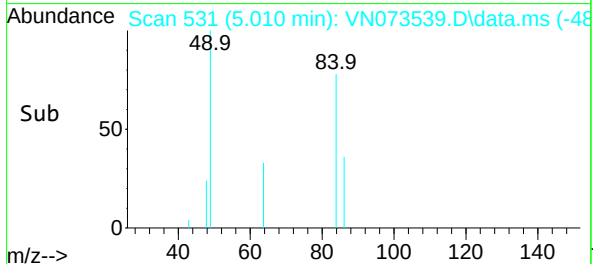
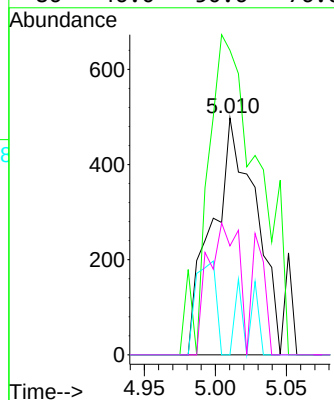
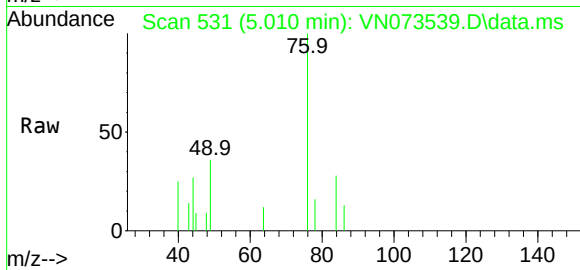




#20
Methylene Chloride
Concen: 0.250 ug/l
RT: 5.010 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073539.D
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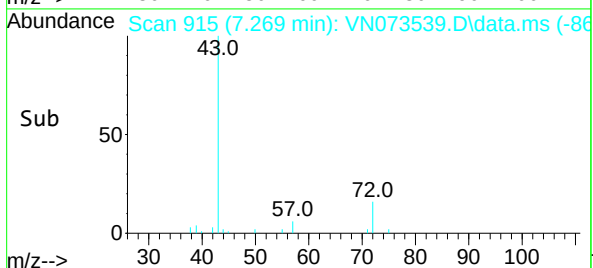
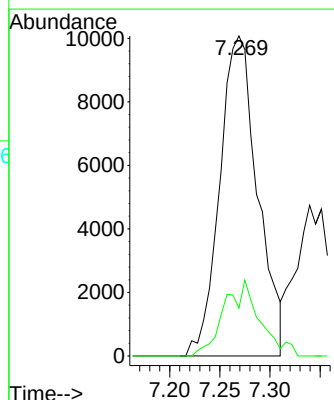
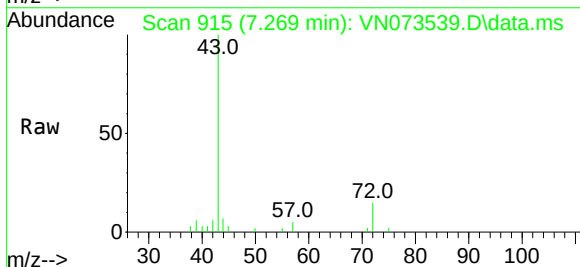
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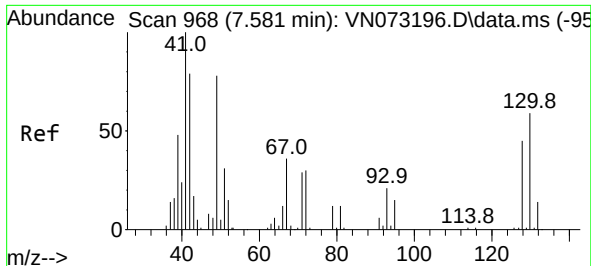
Tgt Ion:	84	Resp:	1062
Ion	Ratio	Lower	Upper
84	100		
49	128.5	88.3	132.5
51	0.0	28.2	42.2#
86	46.0	50.6	76.0#



#25
2-Butanone
Concen: 6.900 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073539.D
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Tgt Ion:	43	Resp:	26514
Ion	Ratio	Lower	Upper
43	100		
72	14.9	23.7	35.5#

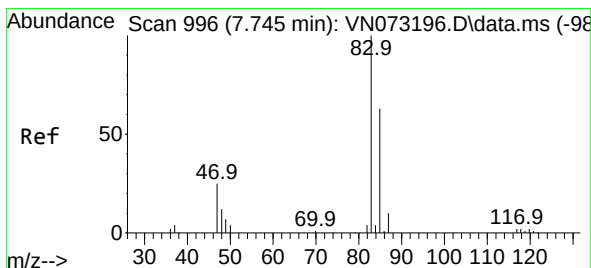
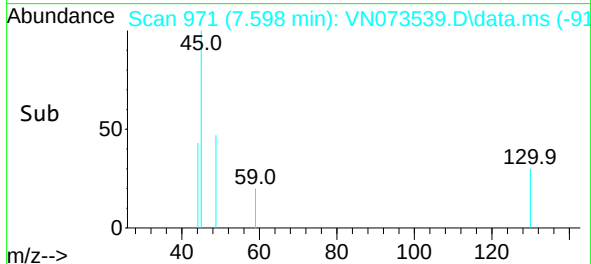
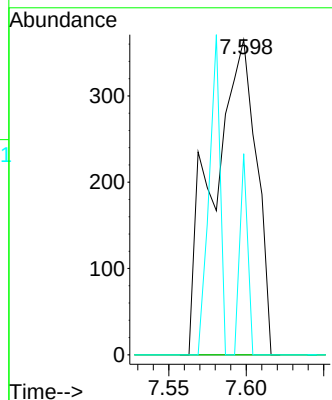
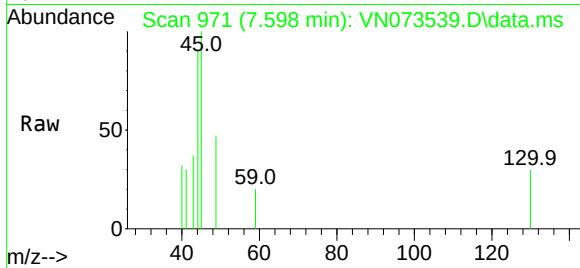




#28
Bromochloromethane
Concen: 0.237 ug/l
RT: 7.598 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

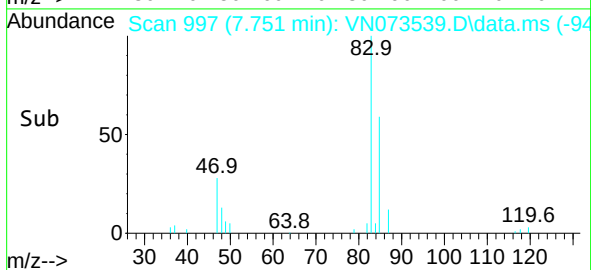
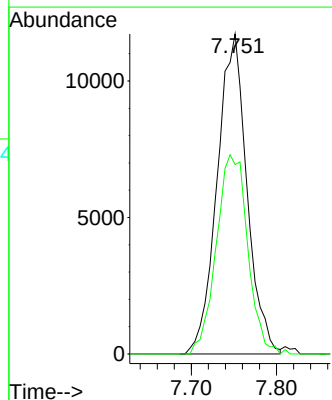
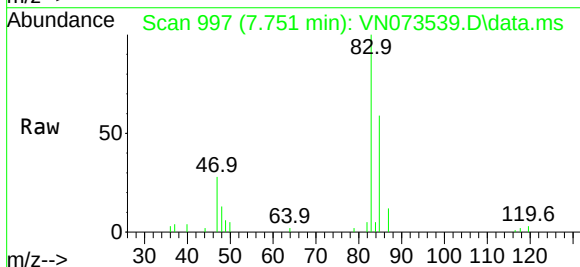
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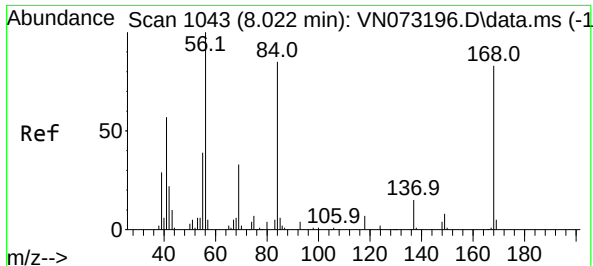
Tgt Ion: 49 Resp: 707
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 11.6 69.7 104.5#



#30
Chloroform
Concen: 3.959 ug/l
RT: 7.751 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion: 83 Resp: 28439
Ion Ratio Lower Upper
83 100
85 59.2 51.8 77.8





#31

Cyclohexane

Concen: 1.070 ug/l

RT: 8.016 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN073539.D

Acq: 20 Jul 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

070622-E

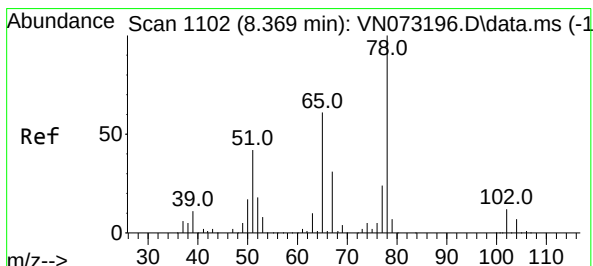
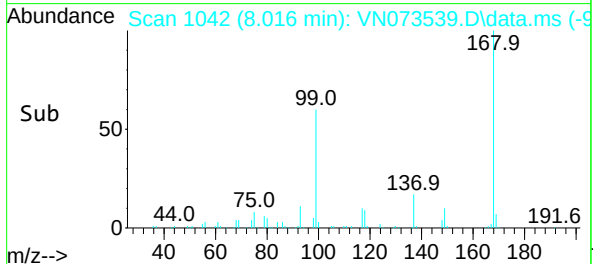
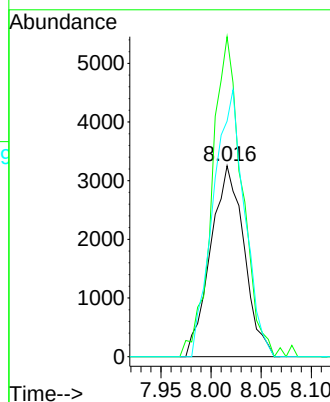
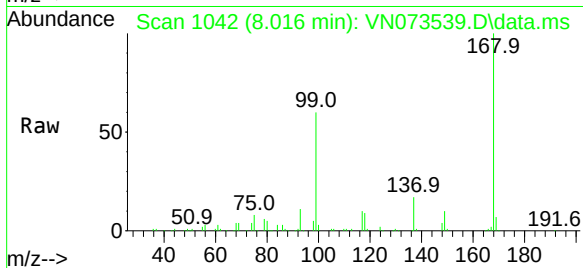
Tgt Ion: 56 Resp: 7538

Ion Ratio Lower Upper

56 100

69 167.6 27.8 41.8#

84 123.4 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 43.082 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073539.D

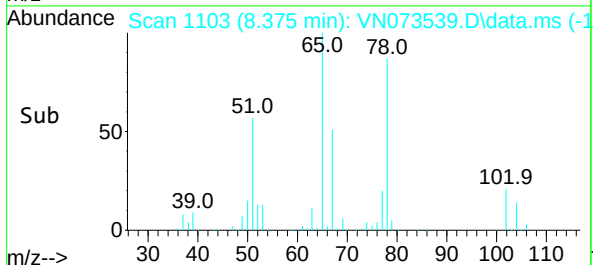
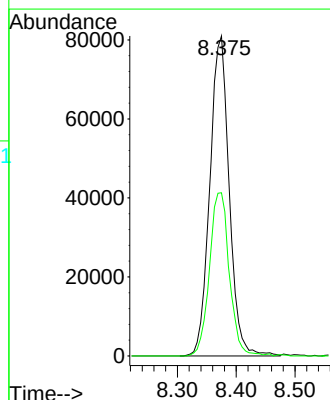
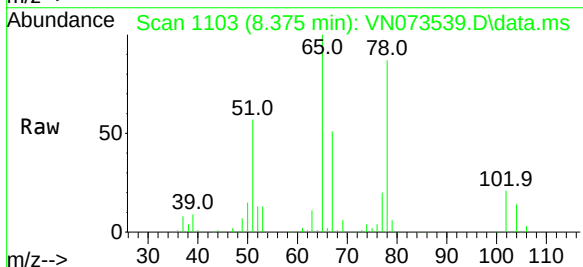
Acq: 20 Jul 2022 22:13

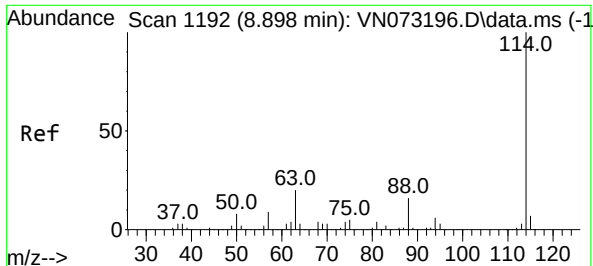
Tgt Ion: 65 Resp: 185246

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073539.D

Acq: 20 Jul 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

070622-E

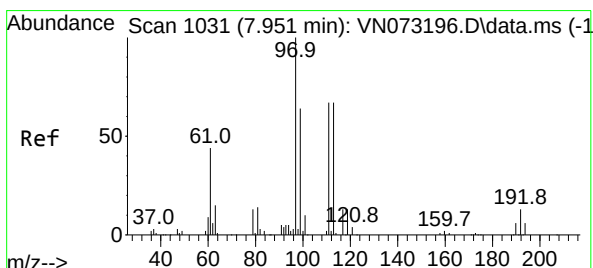
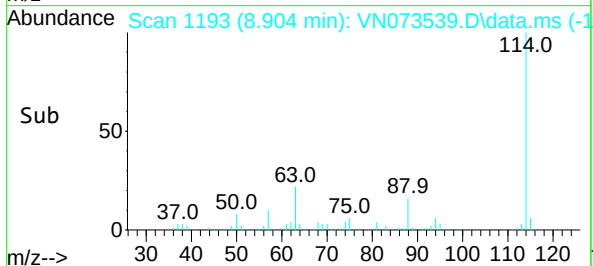
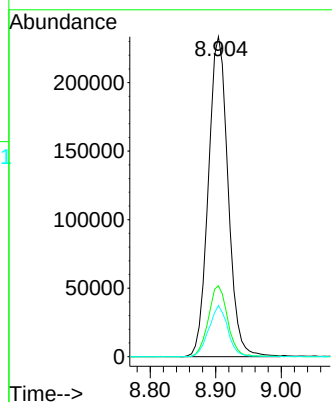
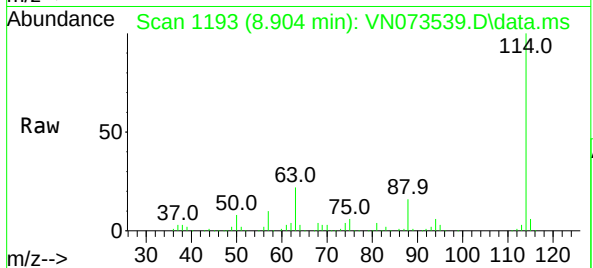
Tgt Ion:114 Resp: 487849

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.504 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073539.D

Acq: 20 Jul 2022 22:13

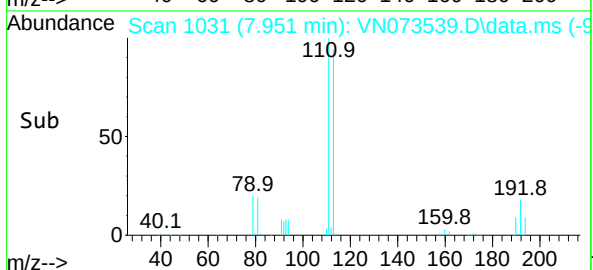
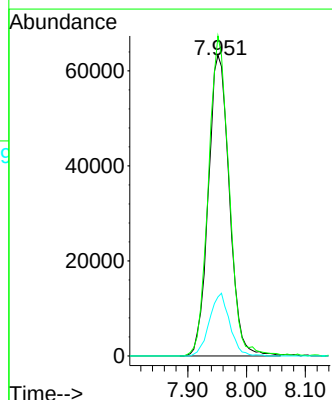
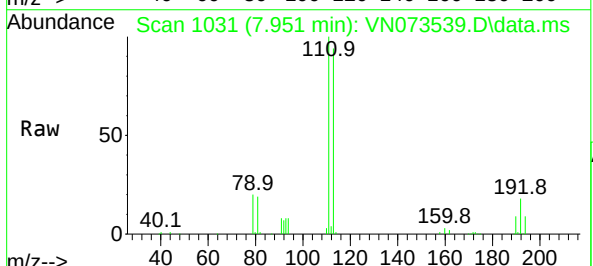
Tgt Ion:113 Resp: 157432

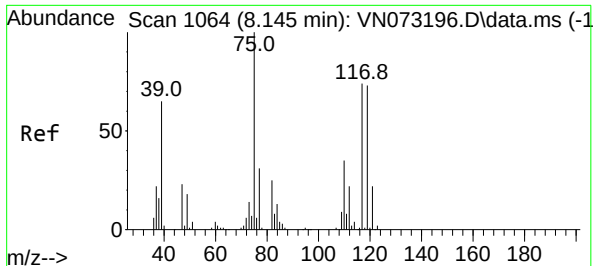
Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 20.1 17.0 25.6

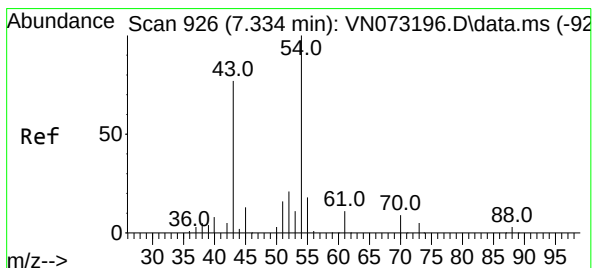
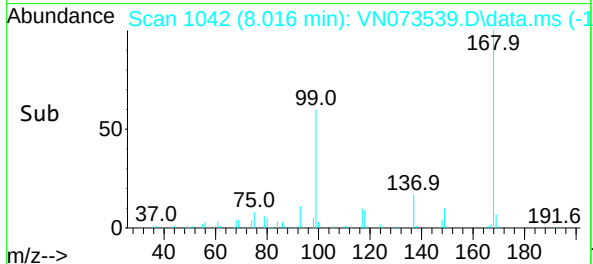
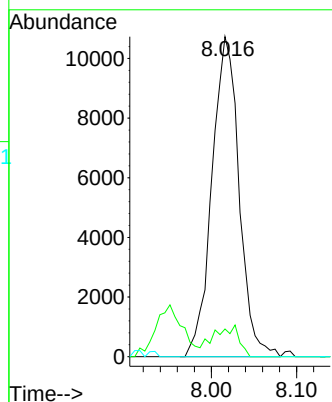
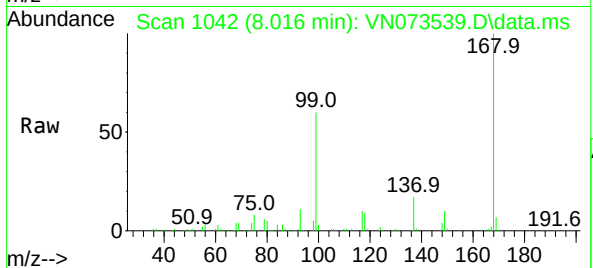




#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 8.016 min Scan# 1064
Delta R.T. -0.129 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

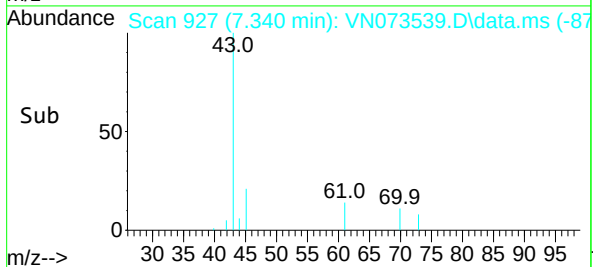
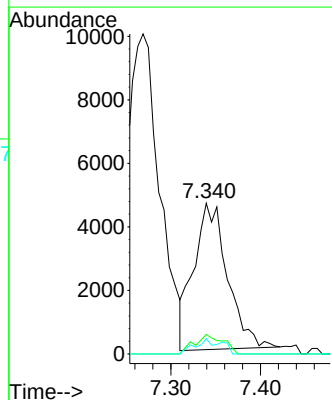
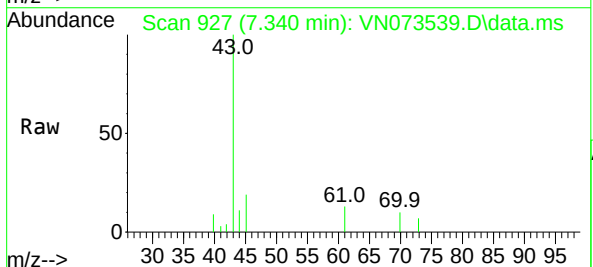
Instrument :
MSVOA_N
ClientSampleId :
070622-E

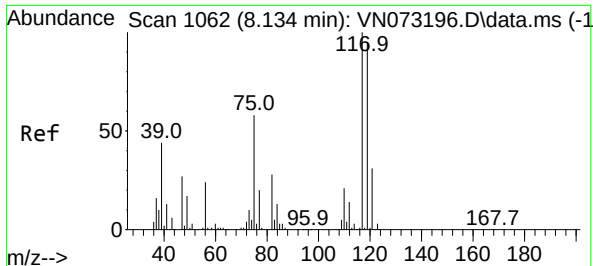
Tgt Ion: 75 Resp: 23787
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.593 ug/l
RT: 7.340 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion: 43 Resp: 12022
Ion Ratio Lower Upper
43 100
61 11.3 11.8 17.6#
70 7.9 9.3 13.9#

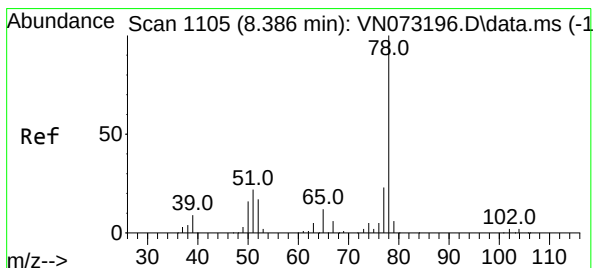
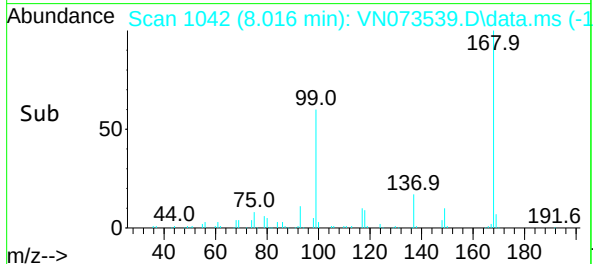
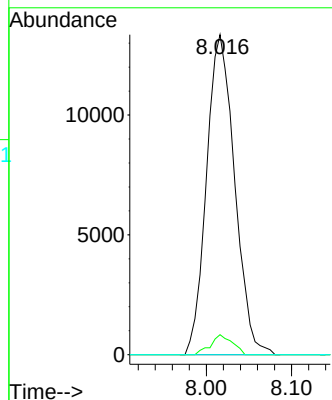
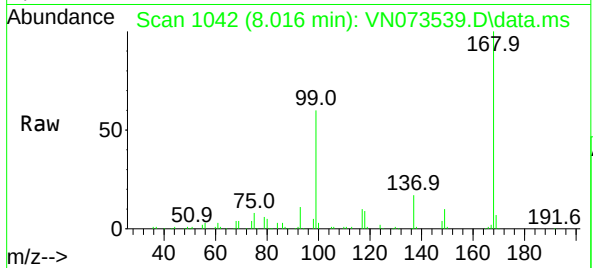




#38
Carbon Tetrachloride
Concen: 5.934 ug/l
RT: 8.016 min Scan# 1106
Delta R.T. -0.118 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

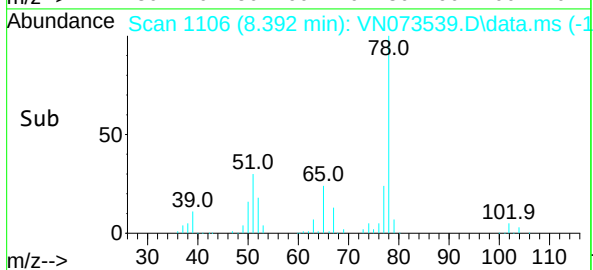
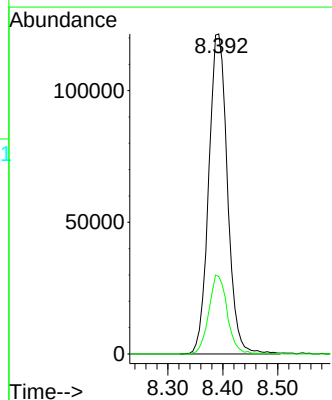
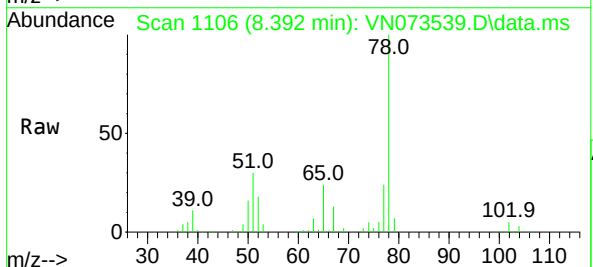
Instrument :
MSVOA_N
ClientSampleId :
070622-E

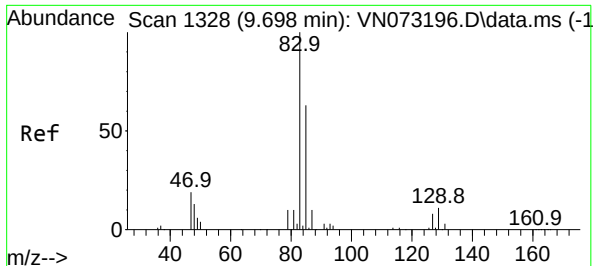
Tgt Ion:117 Resp: 30646
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 18.646 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion: 78 Resp: 287382
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#47

Bromodichloromethane

Concen: 2.214 ug/l

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073539.D

Acq: 20 Jul 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

070622-E

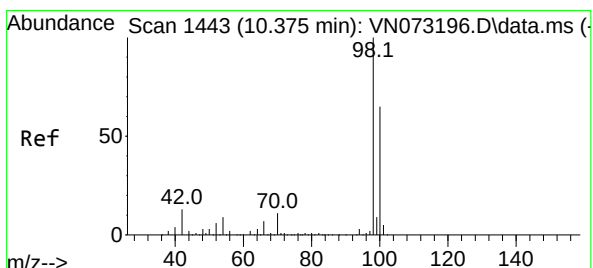
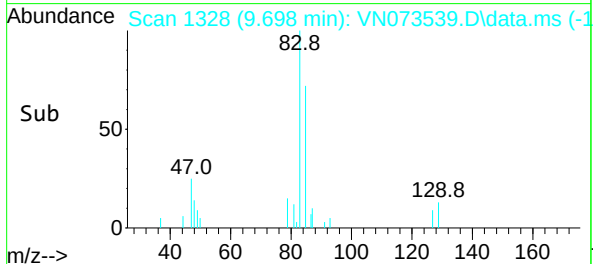
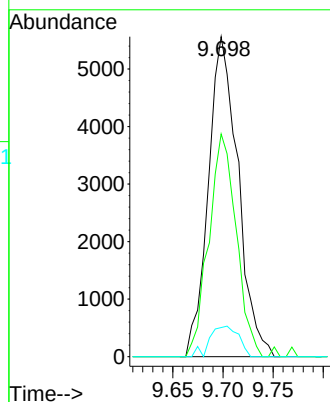
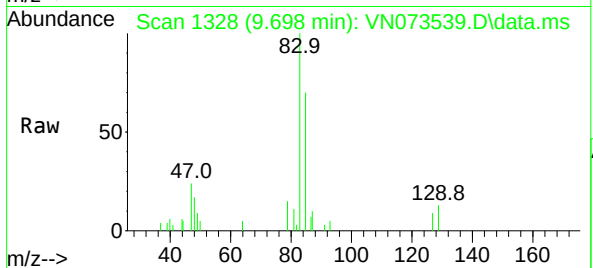
Tgt Ion: 83 Resp: 11438

Ion Ratio Lower Upper

83 100

85 69.6 50.5 75.7

127 9.1 6.8 10.2



#50

Toluene-d8

Concen: 45.361 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN073539.D

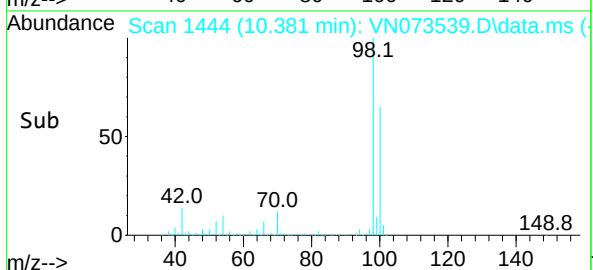
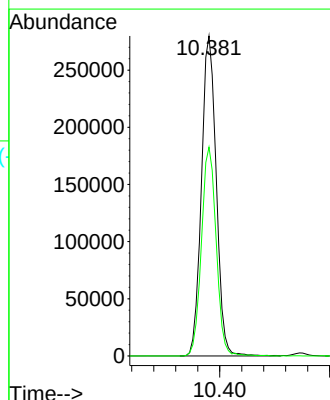
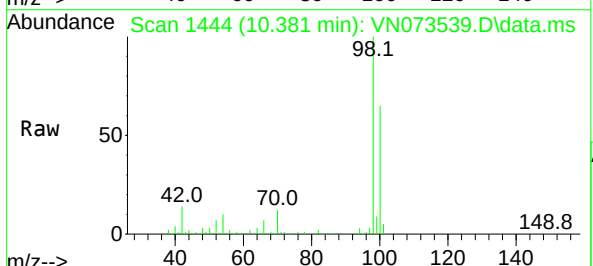
Acq: 20 Jul 2022 22:13

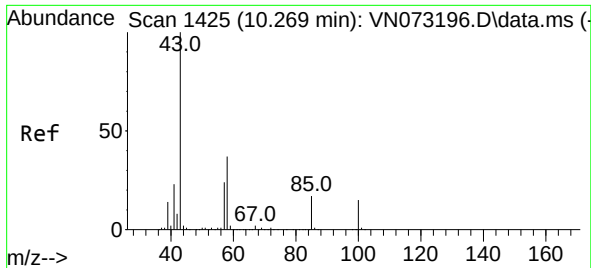
Tgt Ion: 98 Resp: 522905

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

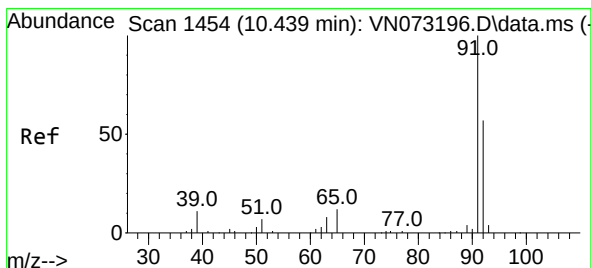
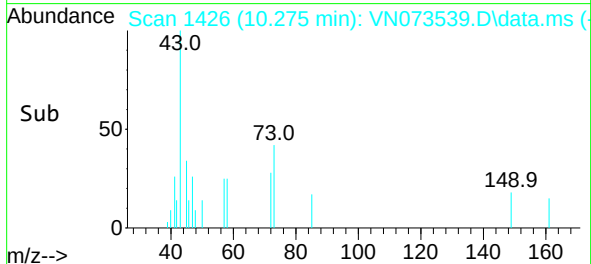
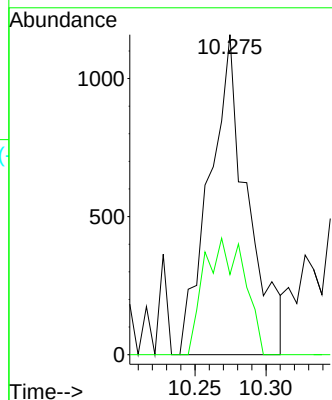
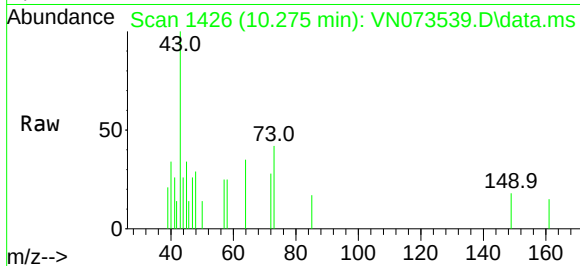




#51
4-Methyl-2-Pentanone
Concen: 0.315 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

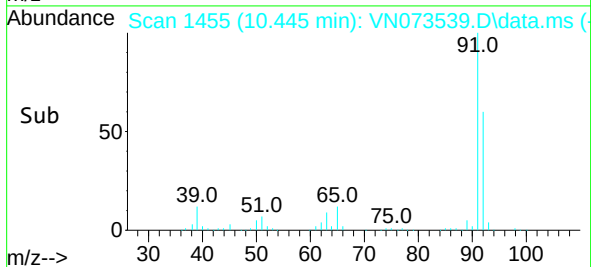
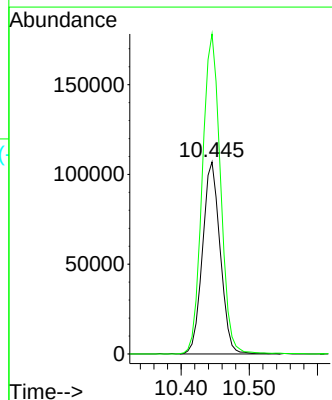
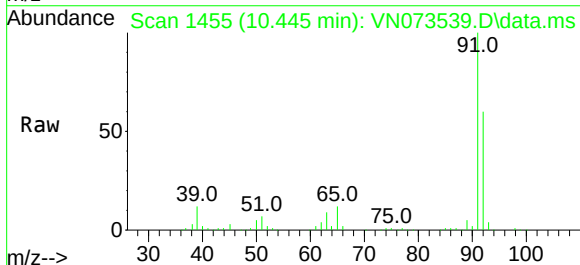
Instrument :
MSVOA_N
ClientSampleId :
070622-E

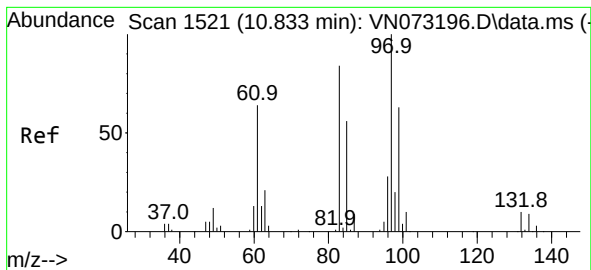
Tgt Ion: 43 Resp: 2163
Ion Ratio Lower Upper
43 100
58 38.3 34.1 51.1



#52
Toluene
Concen: 20.237 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion: 92 Resp: 192760
Ion Ratio Lower Upper
92 100
91 171.6 138.6 207.8





#55

1,1,2-Trichloroethane

Concen: 31.278 ug/l

RT: 10.698 min Scan# 1498

Delta R.T. -0.135 min

Lab File: VN073539.D

Acq: 20 Jul 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

070622-E

Tgt Ion: 97 Resp: 122651

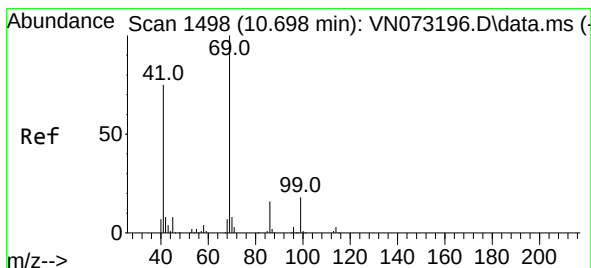
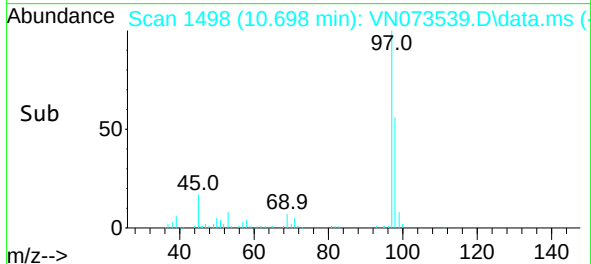
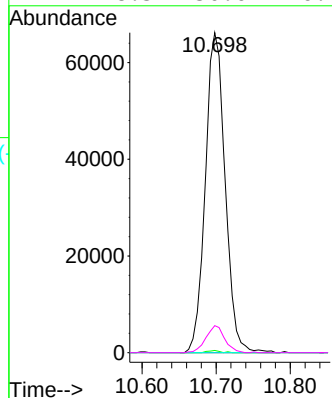
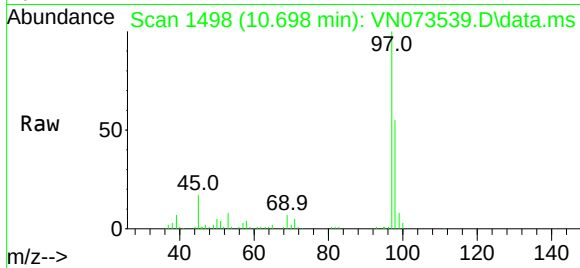
Ion Ratio Lower Upper

97 100

83 0.7 66.2 99.4#

85 0.0 43.9 65.9#

99 8.5 50.6 76.0#



#56

Ethyl methacrylate

Concen: 1.326 ug/l

RT: 10.692 min Scan# 1497

Delta R.T. -0.006 min

Lab File: VN073539.D

Acq: 20 Jul 2022 22:13

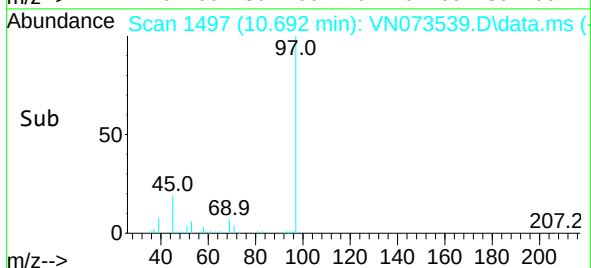
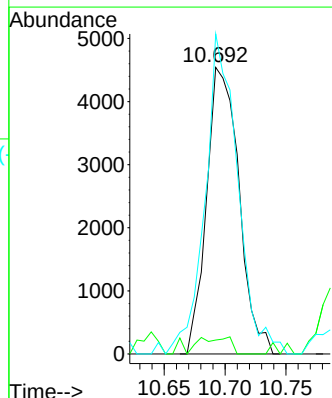
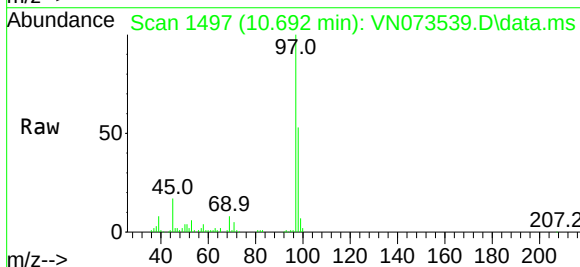
Tgt Ion: 69 Resp: 8407

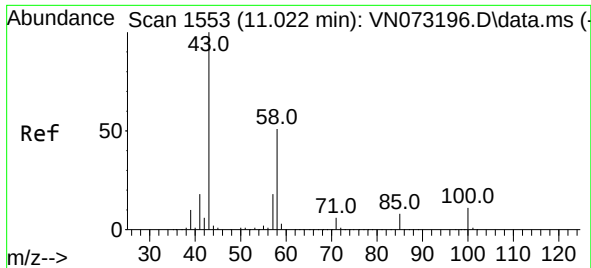
Ion Ratio Lower Upper

69 100

41 5.6 47.8 71.6#

39 112.8 27.3 40.9#

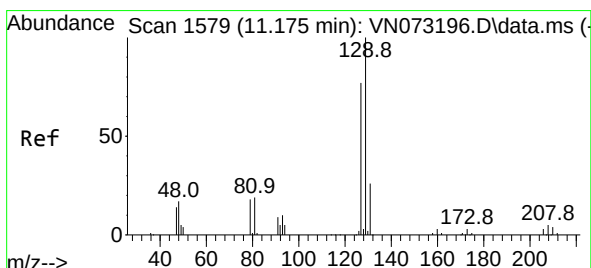
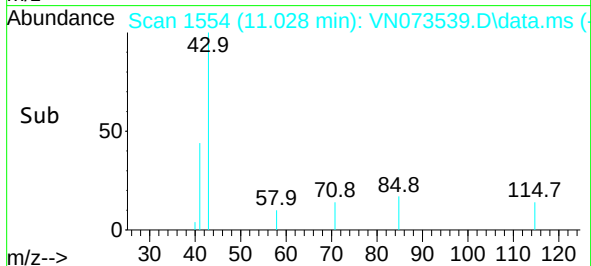
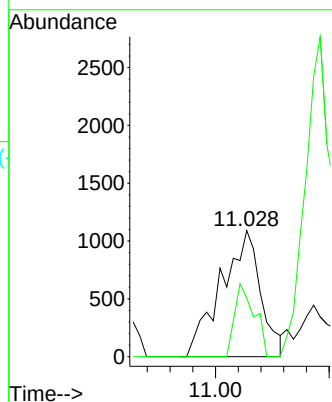
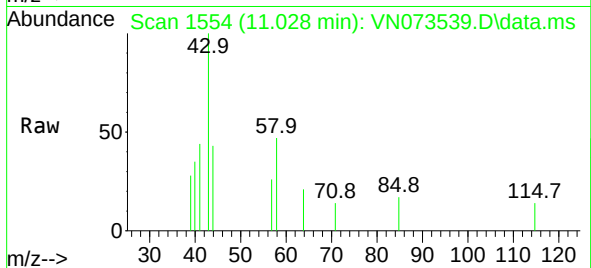




#59
2-Hexanone
Concen: 0.504 ug/l
RT: 11.028 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

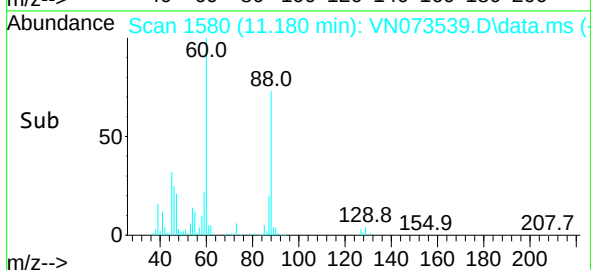
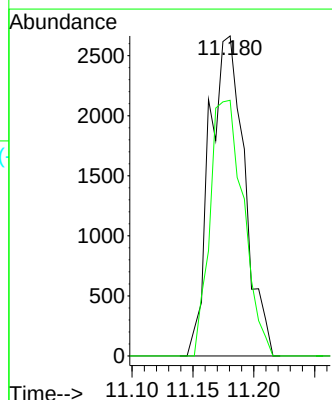
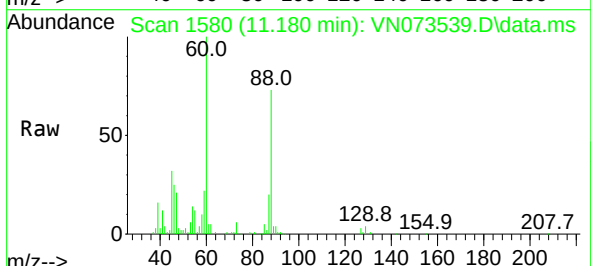
Instrument :
MSVOA_N
ClientSampleId :
070622-E

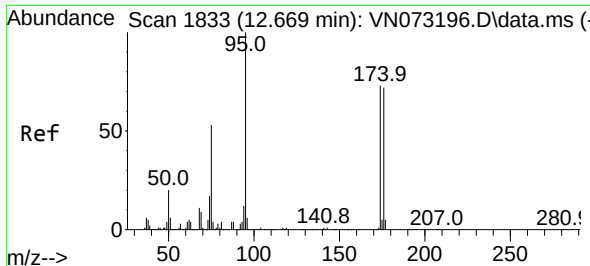
Tgt Ion: 43 Resp: 2642
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#



#60
Dibromochloromethane
Concen: 1.423 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion: 129 Resp: 5322
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4

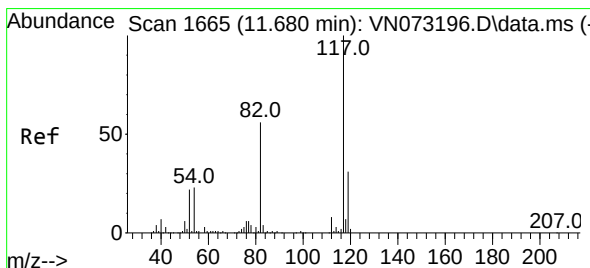
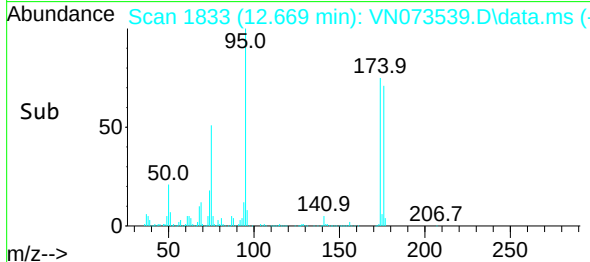
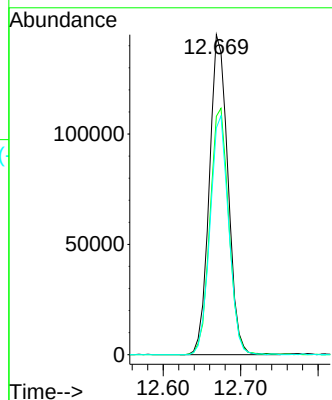
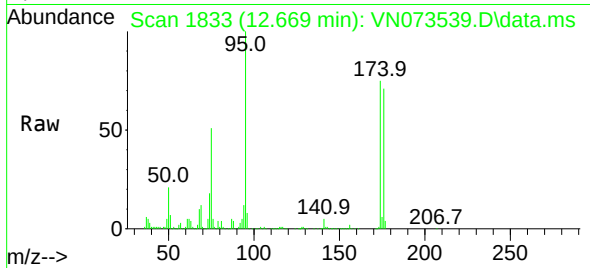




#62
4-Bromofluorobenzene
Concen: 54.560 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

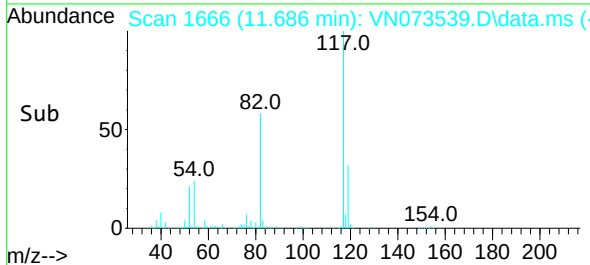
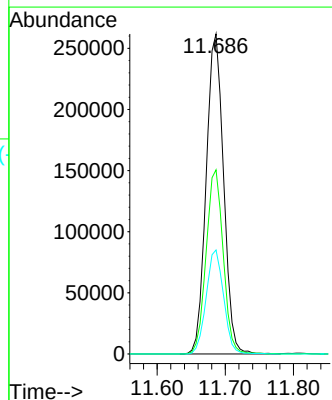
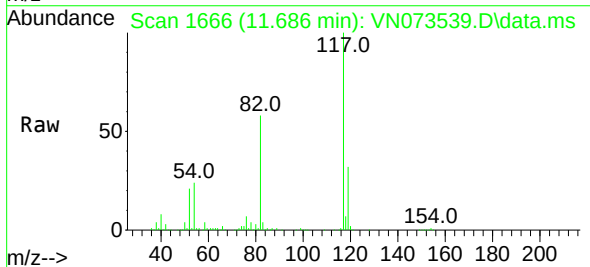
Instrument :
MSVOA_N
ClientSampleId :
070622-E

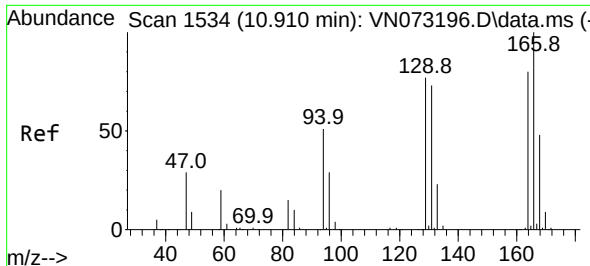
Tgt Ion: 95 Resp: 241706
Ion Ratio Lower Upper
95 100
174 77.8 0.0 167.6
176 74.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion: 117 Resp: 465244
Ion Ratio Lower Upper
117 100
82 57.6 44.2 66.2
119 32.5 25.4 38.0

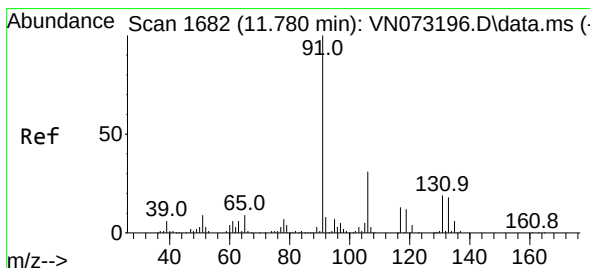
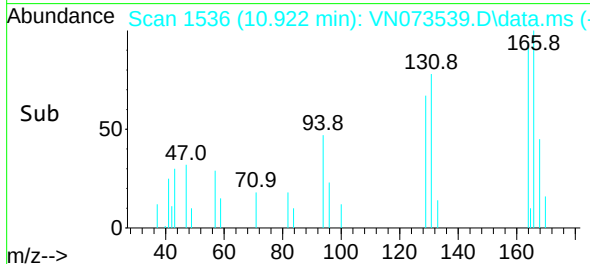
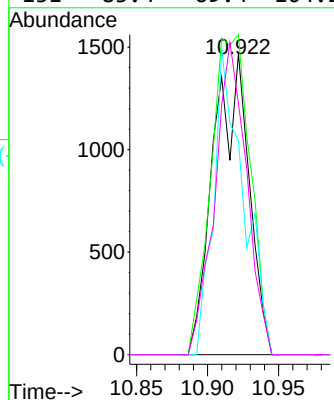
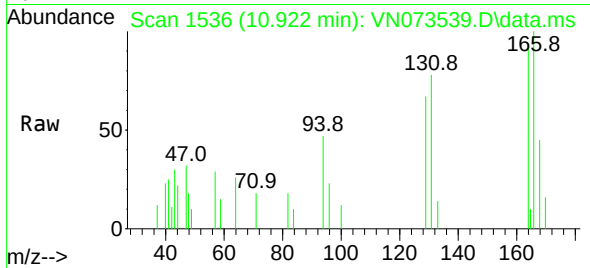




#64
Tetrachloroethene
Concen: 0.671 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

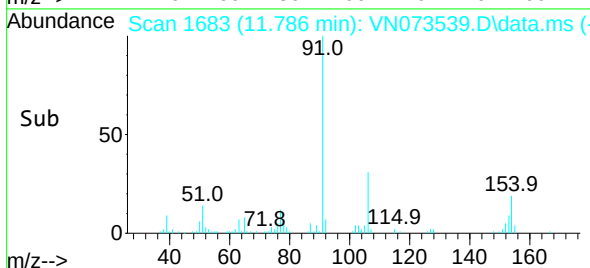
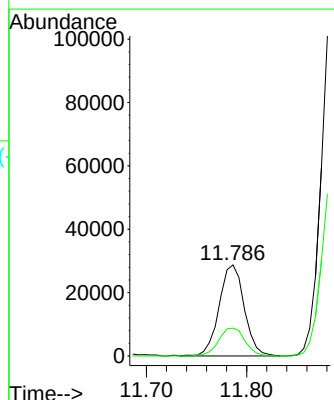
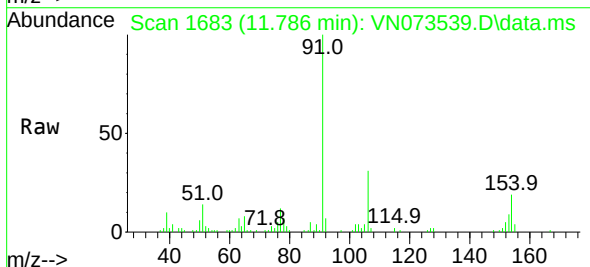
Instrument :
MSVOA_N
ClientSampleId :
070622-E

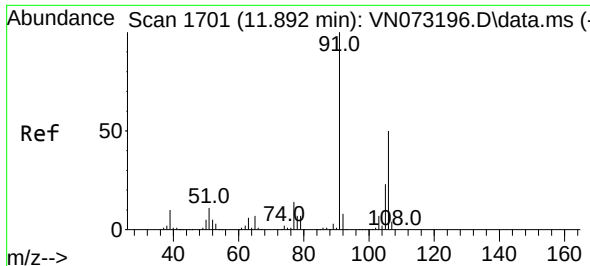
Tgt Ion:164 Resp: 2549
Ion Ratio Lower Upper
164 100
166 106.3 104.2 156.2
129 71.1 73.9 110.9#
131 83.4 69.4 104.2



#67
Ethyl Benzene
Concen: 2.606 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion: 91 Resp: 49788
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

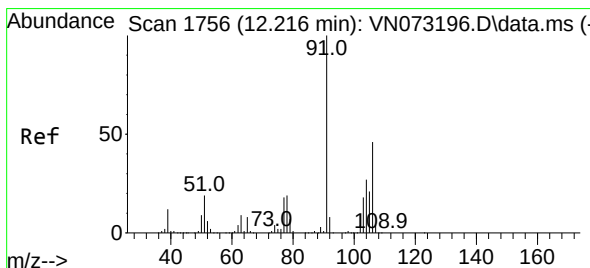
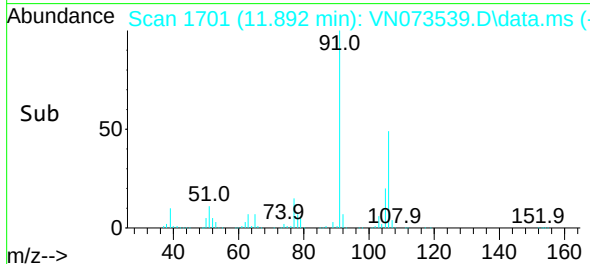
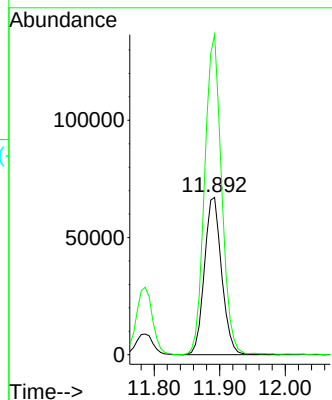
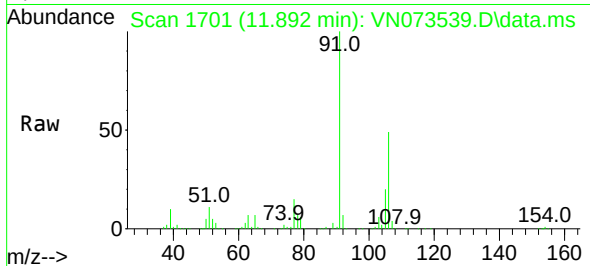




#68
m/p-Xylenes
Concen: 17.037 ug/l
RT: 11.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

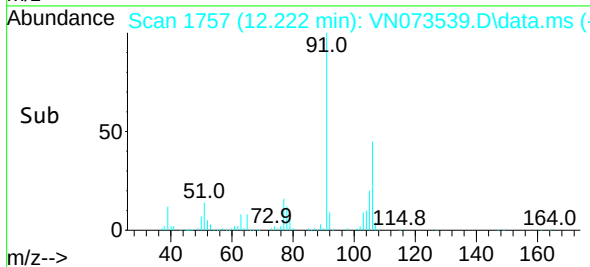
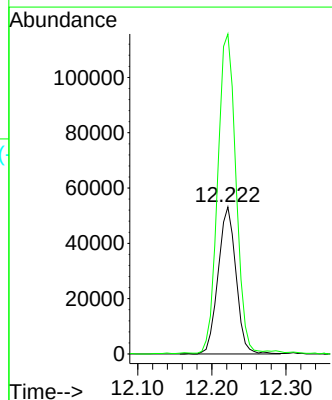
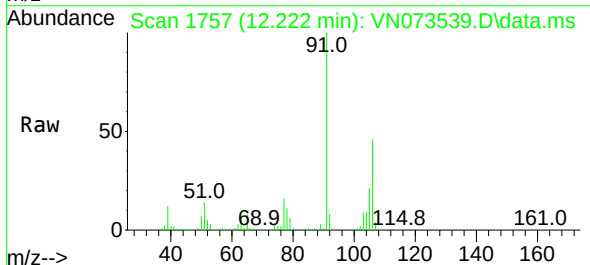
Instrument :
MSVOA_N
ClientSampleId :
070622-E

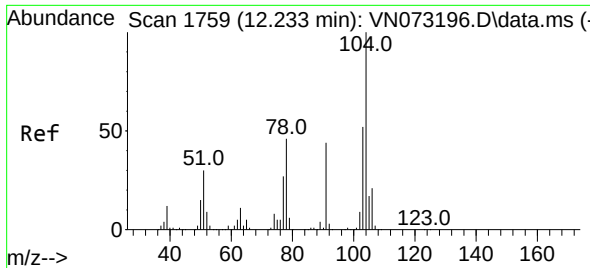
Tgt Ion:106 Resp: 122828
Ion Ratio Lower Upper
106 100
91 199.5 158.9 238.3



#69
o-Xylene
Concen: 12.090 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion:106 Resp: 88975
Ion Ratio Lower Upper
106 100
91 220.8 106.0 318.0

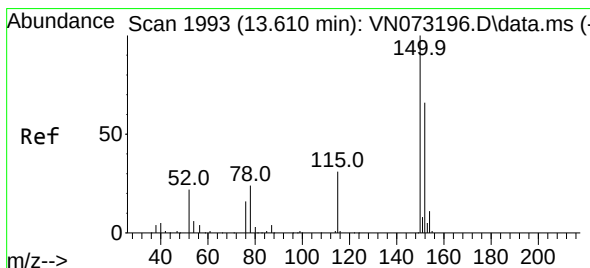
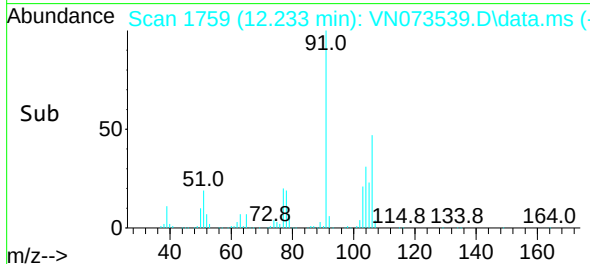
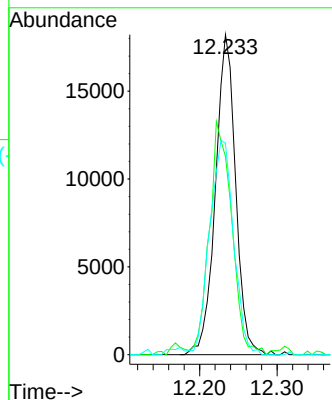
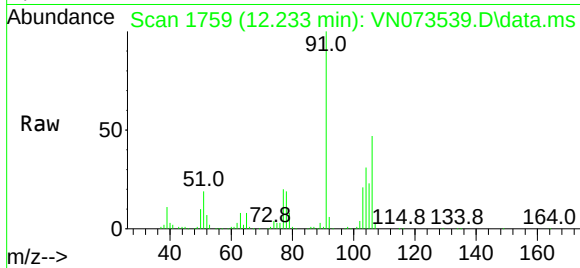




#70
Styrene
Concen: 2.904 ug/l
RT: 12.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

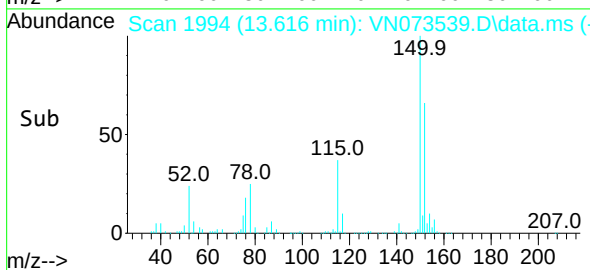
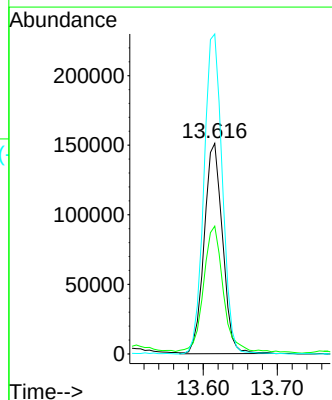
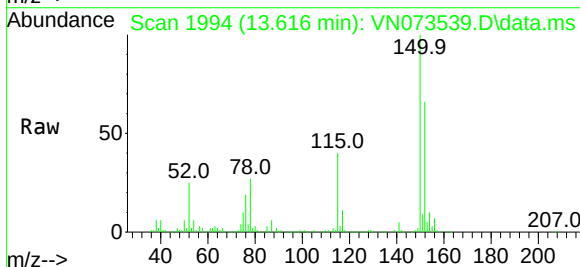
Instrument :
MSVOA_N
ClientSampleId :
070622-E

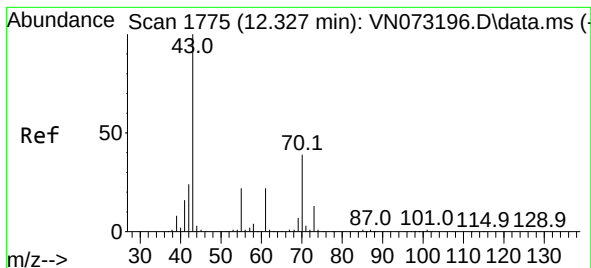
Tgt Ion:104 Resp: 32995
Ion Ratio Lower Upper
104 100
78 80.6 39.5 59.3#
103 79.8 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion:152 Resp: 261306
Ion Ratio Lower Upper
152 100
115 62.2 28.9 86.7
150 151.8 0.0 356.2





#74

N-amy1 acetate

Concen: 0.320 ug/l

RT: 12.286 min Scan# 1

Delta R.T. -0.041 min

Lab File: VN073539.D

Acq: 20 Jul 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

070622-E

Tgt Ion: 43 Resp: 3617

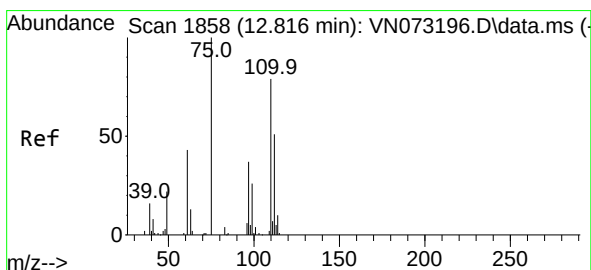
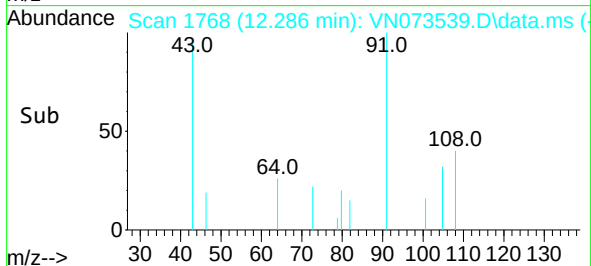
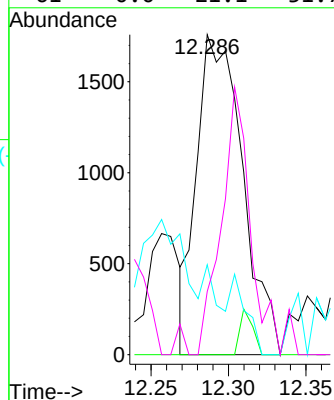
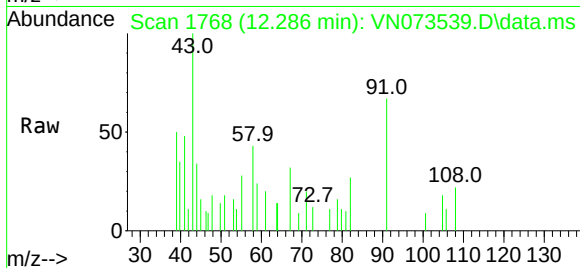
Ion Ratio Lower Upper

43 100

70 0.0 39.0 58.4#

55 0.0 21.1 31.7#

61 0.0 21.1 31.7#



#76

1,2,3-Trichloropropane

Concen: 18.795 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.142 min

Lab File: VN073539.D

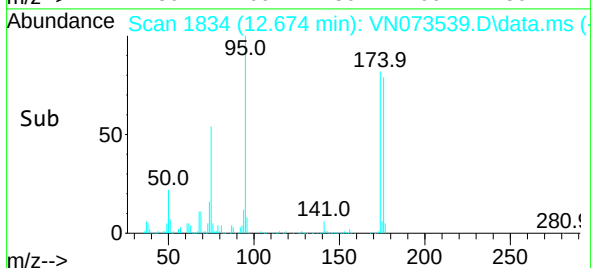
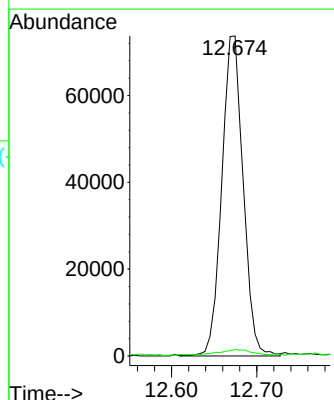
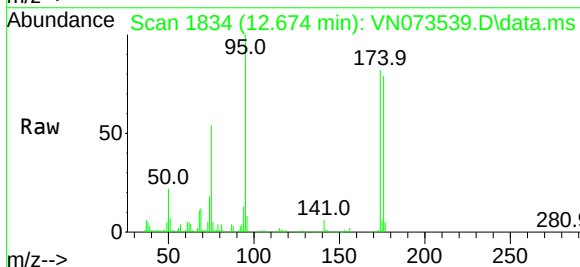
Acq: 20 Jul 2022 22:13

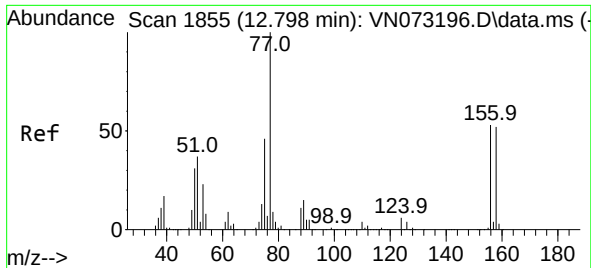
Tgt Ion: 75 Resp: 128422

Ion Ratio Lower Upper

75 100

77 2.2 98.5 295.5#

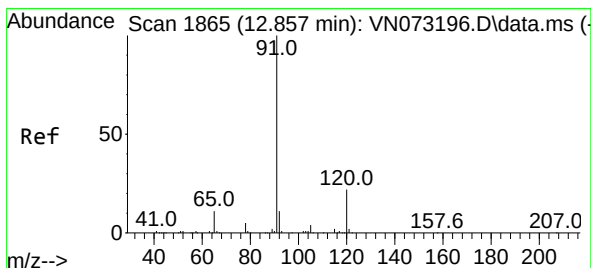
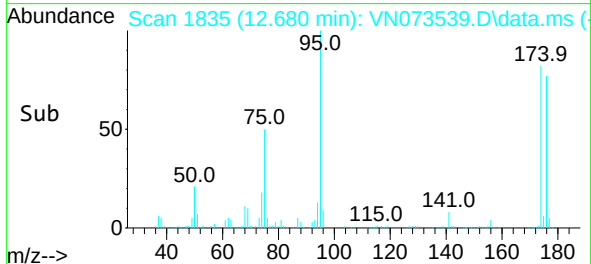
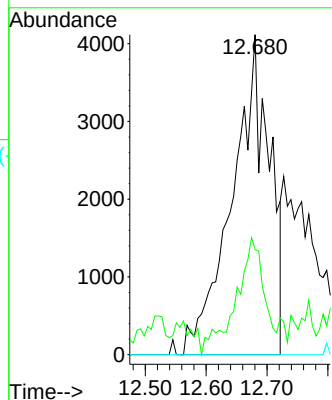
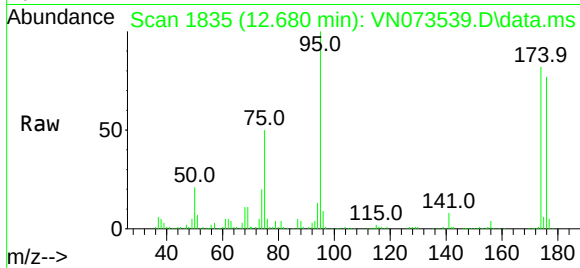




#77
Bromobenzene
Concen: 3.342 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. -0.118 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

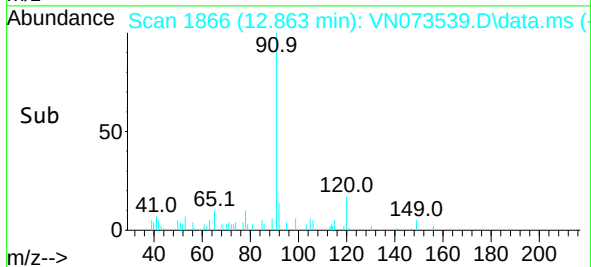
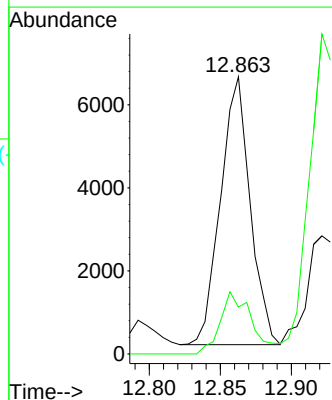
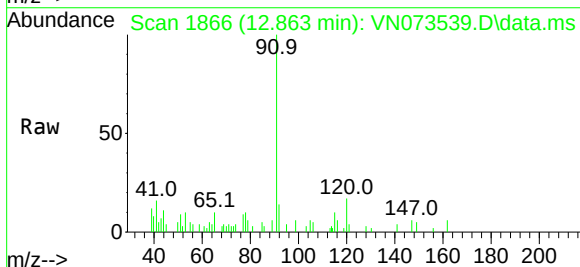
Instrument :
MSVOA_N
ClientSampleId :
070622-E

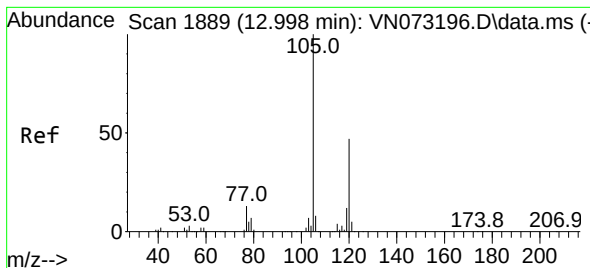
Tgt Ion:156 Resp: 17535
Ion Ratio Lower Upper
156 100
77 16.0 100.5 301.5#
158 0.0 48.9 146.6#



#78
n-propylbenzene
Concen: 0.373 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion: 91 Resp: 9353
Ion Ratio Lower Upper
91 100
120 25.0 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 2.266 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073539.D

Acq: 20 Jul 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

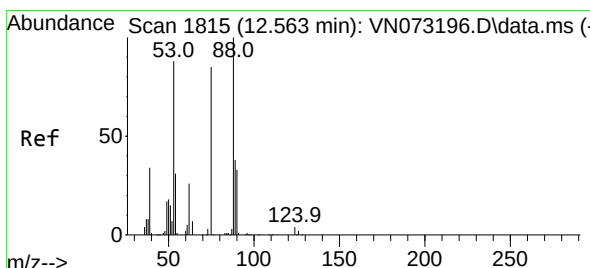
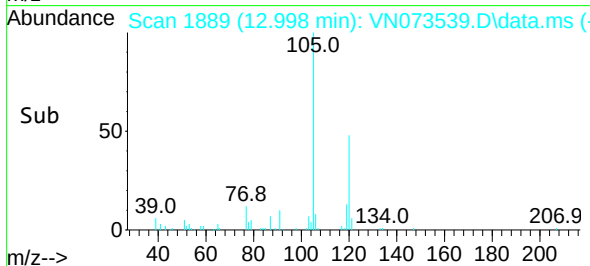
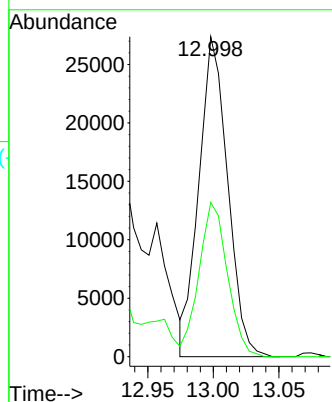
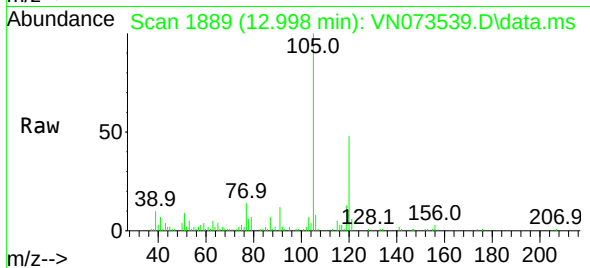
070622-E

Tgt Ion:105 Resp: 41683

Ion Ratio Lower Upper

105 100

120 47.8 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 51.546 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.111 min

Lab File: VN073539.D

Acq: 20 Jul 2022 22:13

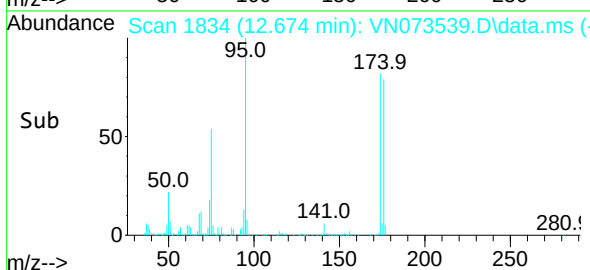
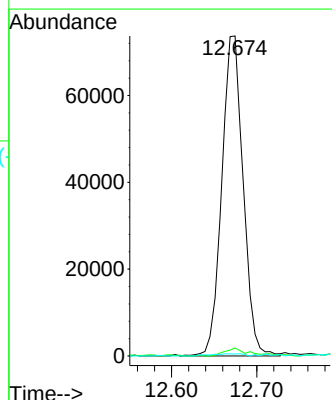
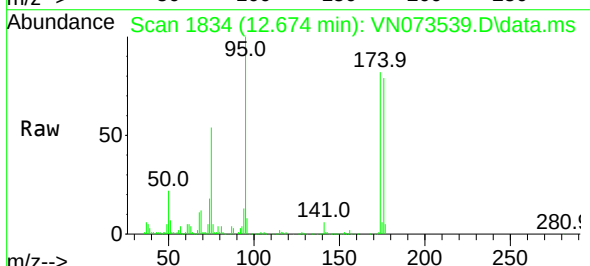
Tgt Ion: 75 Resp: 128422

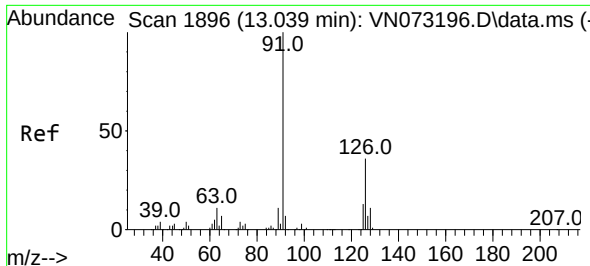
Ion Ratio Lower Upper

75 100

53 3.0 78.0 117.0#

89 1.0 37.2 55.8#

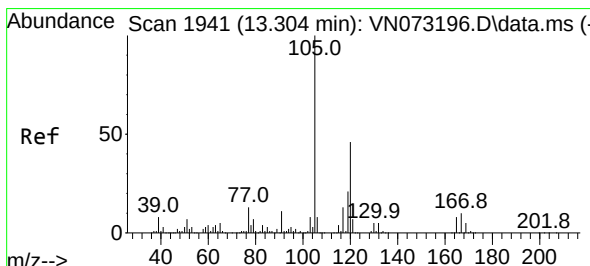
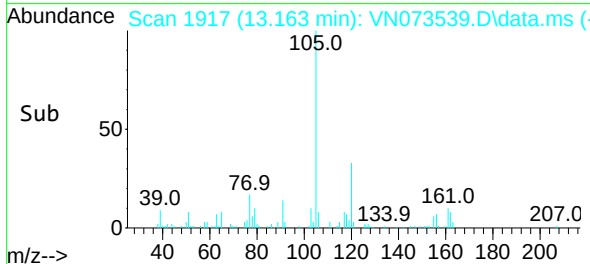
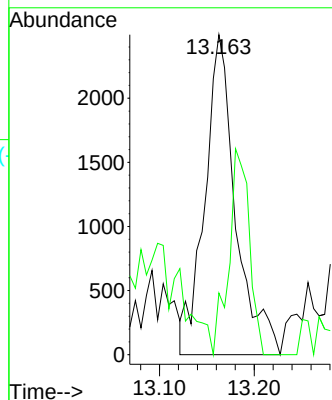
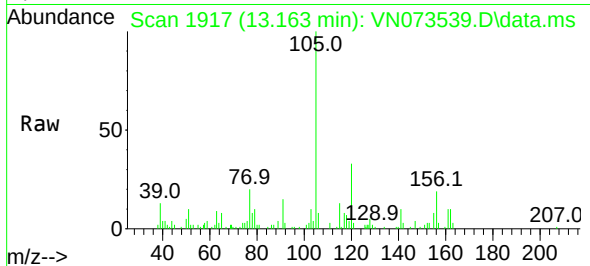




#82
4-Chlorotoluene
Concen: 0.367 ug/l
RT: 13.163 min Scan# 1917
Delta R.T. 0.124 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

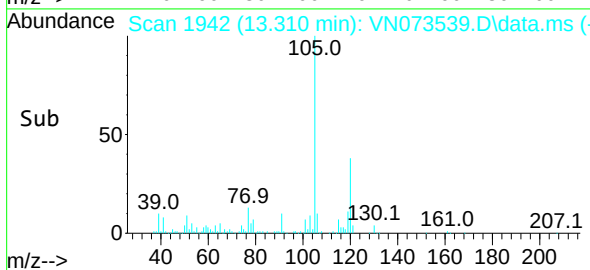
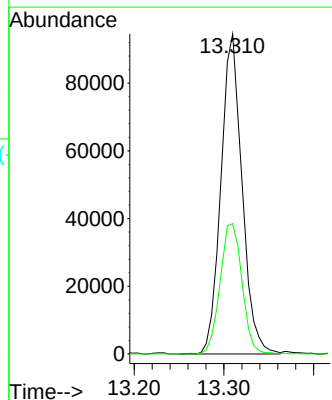
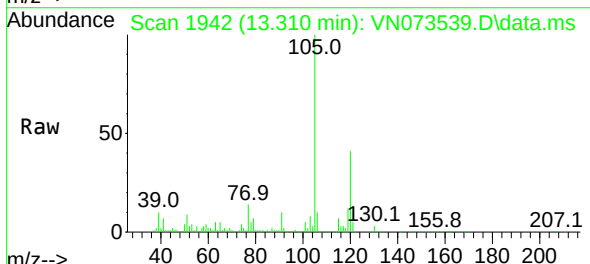
Instrument :
MSVOA_N
ClientSampleId :
070622-E

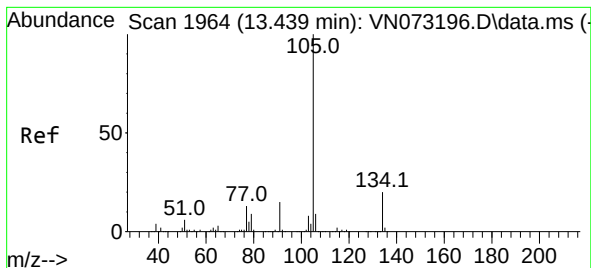
Tgt Ion: 91 Resp: 5634
Ion Ratio Lower Upper
91 100
126 42.5 17.2 51.6



#84
1,2,4-Trimethylbenzene
Concen: 8.418 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion: 105 Resp: 154579
Ion Ratio Lower Upper
105 100
120 42.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 6.982 ug/l

RT: 13.310 min Scan# 1964

Delta R.T. -0.129 min

Lab File: VN073539.D

Acq: 20 Jul 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

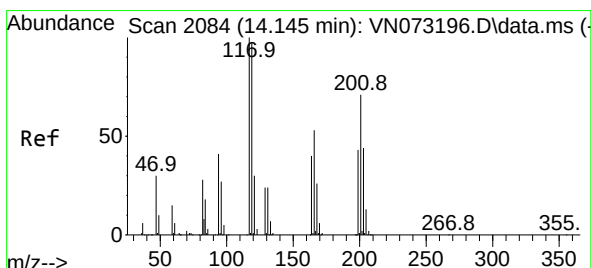
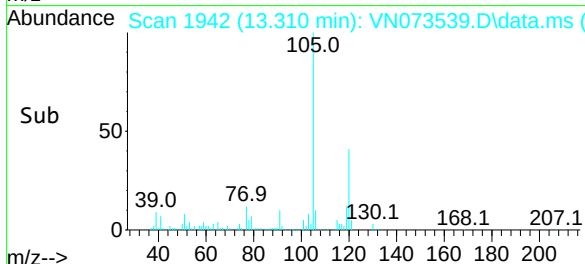
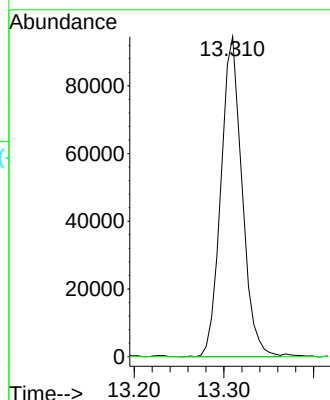
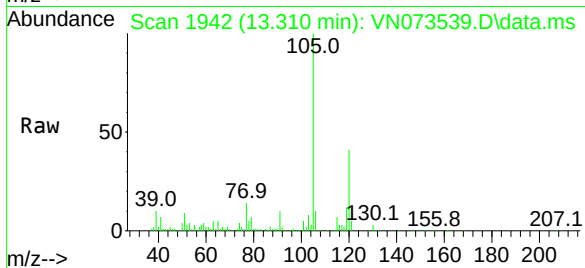
070622-E

Tgt Ion:105 Resp: 154579

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#



#90

Hexachloroethane

Concen: 0.391 ug/l

RT: 14.145 min Scan# 2084

Delta R.T. -0.000 min

Lab File: VN073539.D

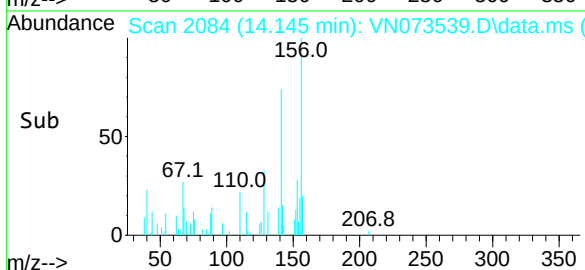
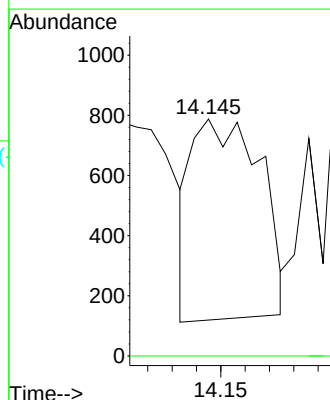
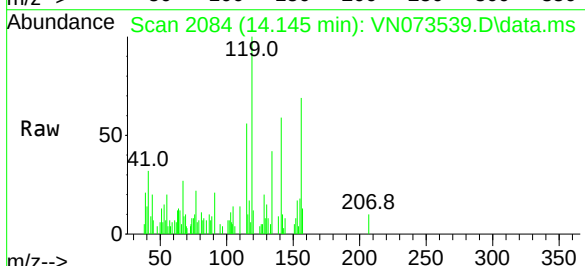
Acq: 20 Jul 2022 22:13

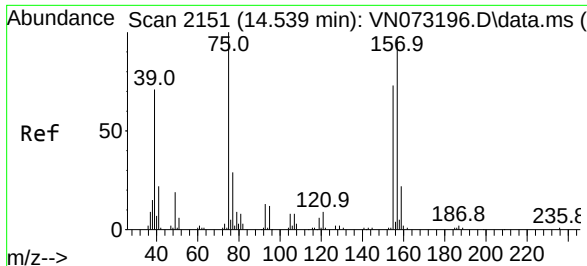
Tgt Ion:117 Resp: 1303

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#

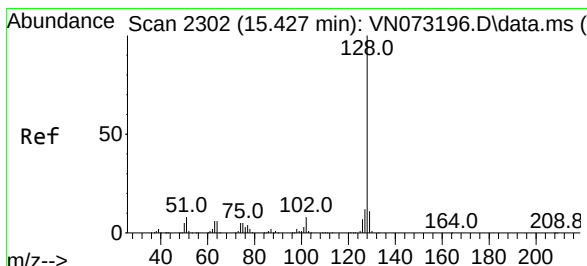
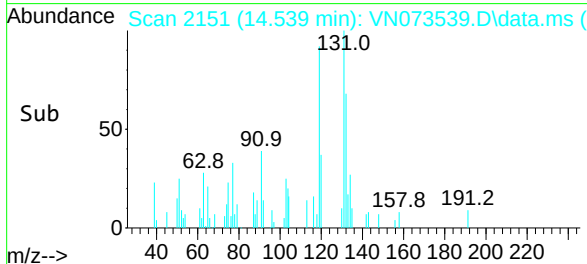
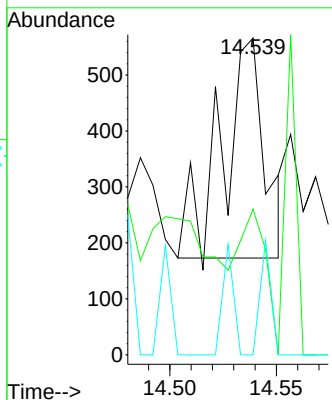
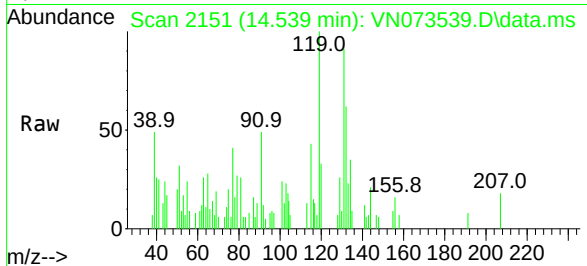




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.301 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Instrument :
MSVOA_N
ClientSampleId :
070622-E

Tgt Ion: 75 Resp: 548
Ion Ratio Lower Upper
75 100
155 42.0 44.9 134.5#
157 13.1 59.0 176.8#



#95
Naphthalene
Concen: 238.034 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073539.D
Acq: 20 Jul 2022 22:13

Tgt Ion:128 Resp: 4793805
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.9 8.6 13.0

