

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073541.D
 Acq On : 20 Jul 2022 23:02
 Operator : JC\MD
 Sample : N3779-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 070622-G

Quant Time: Jul 21 08:28:11 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	8.022	168	289654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	464006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	441756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	242986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	176179	42.133	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.260%		
35) Dibromofluoromethane	7.951	113	148422	48.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.160%		
50) Toluene-d8	10.380	98	499438	45.551	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.100%		
62) 4-Bromofluorobenzene	12.674	95	223837	53.123	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.240%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	1697	0.413	ug/l #	43
6) Chloroethane	3.204	64	924	0.450	ug/l #	42
11) Tert butyl alcohol	5.304	59	2612	2.579	ug/l #	80
14) Allyl chloride	4.722	41	4398	0.612	ug/l #	42
16) Acetone	4.234	43	45647	19.448	ug/l	94
17) Carbon Disulfide	4.457	76	23268	2.632	ug/l	99
18) Methyl Acetate	4.781	43	2633	0.400	ug/l #	86
20) Methylene Chloride	5.010	84	2345	0.569	ug/l #	82
25) 2-Butanone	7.275	43	8870	2.374	ug/l	90
28) Bromochloromethane	7.581	49	2630	0.905	ug/l #	90
30) Chloroform	7.751	83	39582	5.666	ug/l	93
31) Cyclohexane	8.016	56	8006	1.169	ug/l #	53
36) 1,1-Dichloropropene	8.016	75	22002	4.632	ug/l #	50
37) Ethyl Acetate	7.275	43	8870	1.236	ug/l #	67
38) Carbon Tetrachloride	8.016	117	29062	5.916	ug/l #	16
40) Benzene	8.392	78	314076	21.425	ug/l	99
42) 1,2-Dichloroethane	8.392	62	3292	0.619	ug/l	95
47) Bromodichloromethane	9.704	83	9736	1.981	ug/l	94
52) Toluene	10.445	92	203845	22.500	ug/l	97
55) 1,1,2-Trichloroethane	10.698	97	56737	15.212	ug/l #	19
56) Ethyl methacrylate	10.698	69	4066	0.674	ug/l #	6
58) 2-Chloroethyl Vinyl ether	10.004	63	1542	0.574	ug/l #	44
59) 2-Hexanone	11.027	43	1007	0.202	ug/l #	21
60) Dibromochloromethane	11.180	129	3909	1.099	ug/l	97
64) Tetrachloroethene	10.922	164	2171	0.602	ug/l #	86
67) Ethyl Benzene	11.786	91	55368	3.053	ug/l	98
68) m/p-Xylenes	11.886	106	129384	18.901	ug/l	98
69) o-Xylene	12.221	106	93648	13.401	ug/l	99
70) Styrene	12.233	104	35194	3.262	ug/l #	61
73) Isopropylbenzene	12.521	105	5291	0.252	ug/l	90
76) 1,2,3-Trichloropropane	12.674	75	121259	19.085	ug/l #	1
77) Bromobenzene	12.674	156	3272	0.671	ug/l #	7
78) n-propylbenzene	12.863	91	19097	0.819	ug/l	83
79) 2-Chlorotoluene	13.168	91	5029	0.341	ug/l	78
80) 1,3,5-Trimethylbenzene	12.998	105	49724	2.907	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.674	75	121259	52.340	ug/l #	11

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

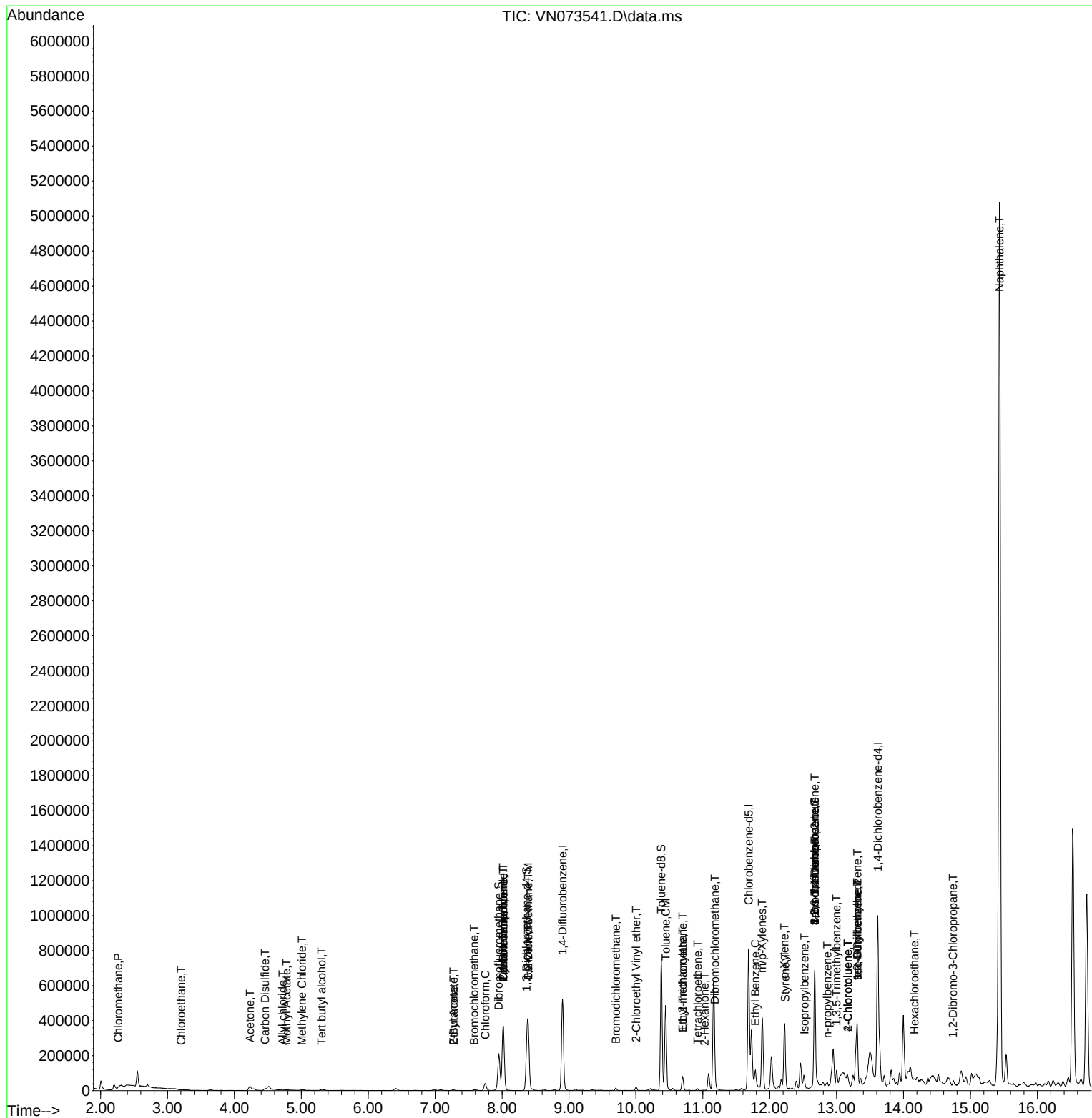
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.168	91	5029	0.352	ug/l	77
83) tert-Butylbenzene	13.310	119	19880	1.297	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.310	105	158765	9.298	ug/l	98
85) sec-Butylbenzene	13.310	105	158765	7.711	ug/l #	56
90) Hexachloroethane	14.162	117	1837	0.593	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.739	75	555	0.328	ug/l	58
95) Naphthalene	15.433	128	4550745	243.002	ug/l	100

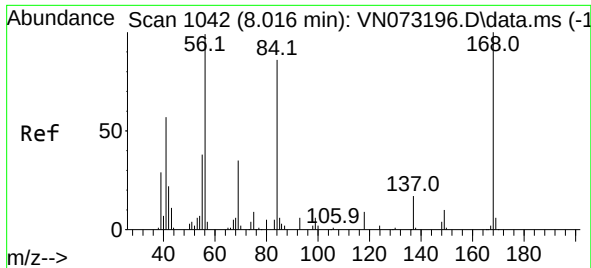
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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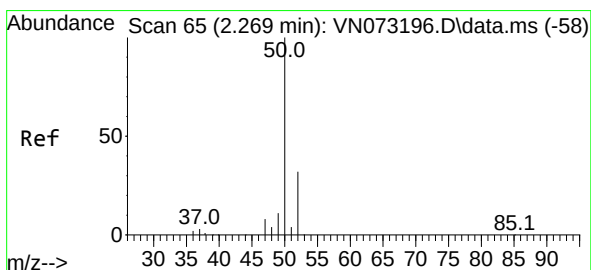
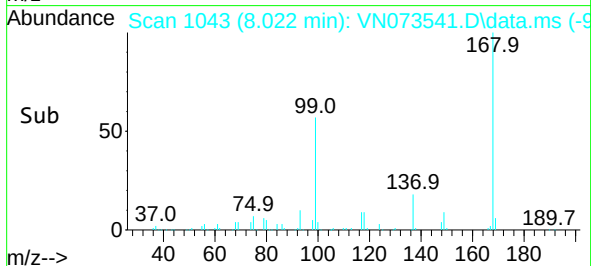
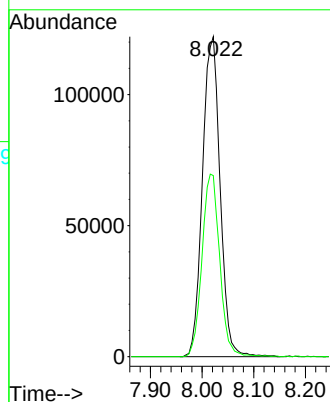
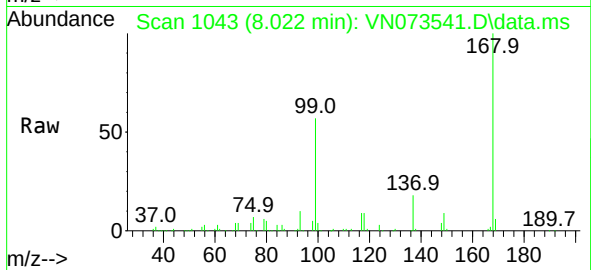




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073541.D
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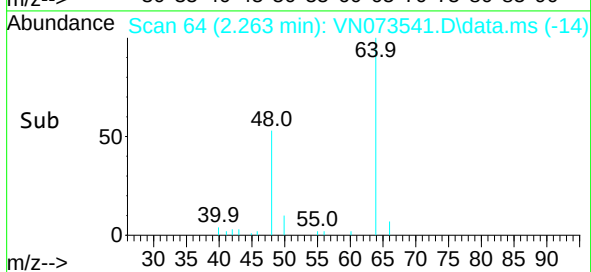
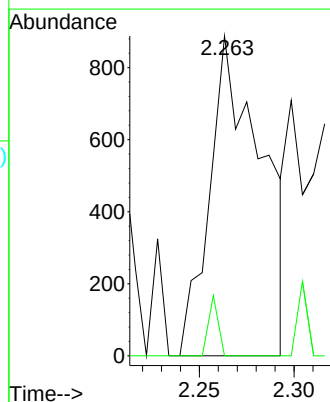
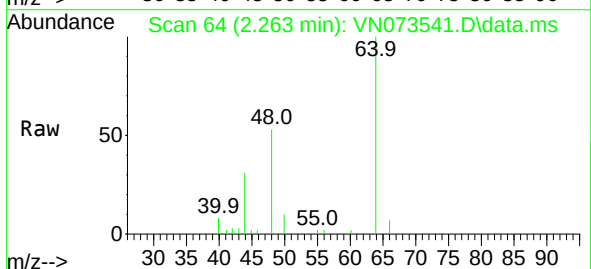
Instrument :
MSVOA_N
ClientSampleId :
070622-G

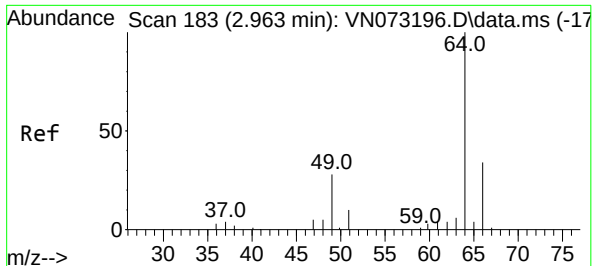
Tgt Ion:168 Resp: 289654
Ion Ratio Lower Upper
168 100
99 56.6 42.3 63.5



#3
Chloromethane
Concen: 0.413 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 50 Resp: 1697
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

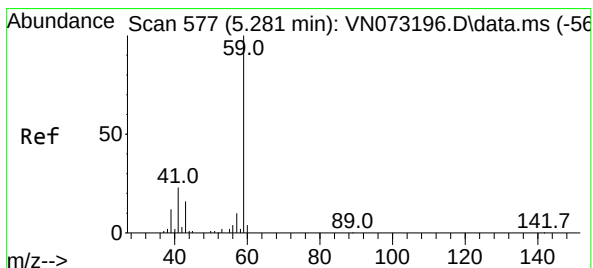
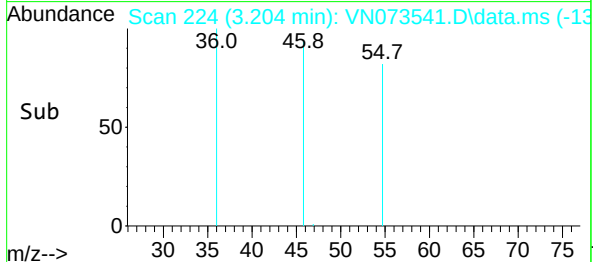
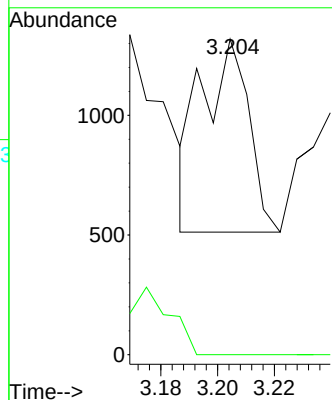
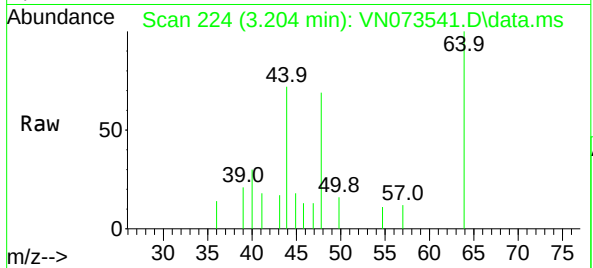




#6
Chloroethane
Concen: 0.450 ug/l
RT: 3.204 min Scan# 21
Delta R.T. 0.241 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

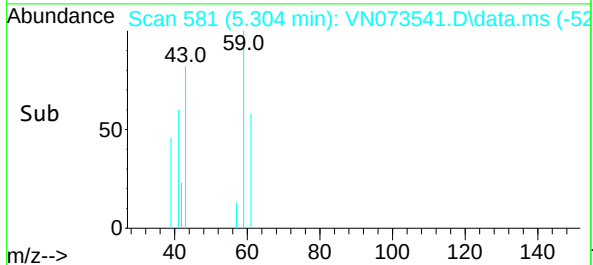
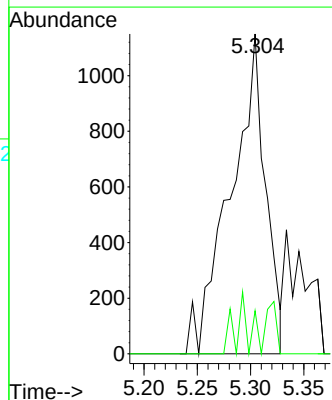
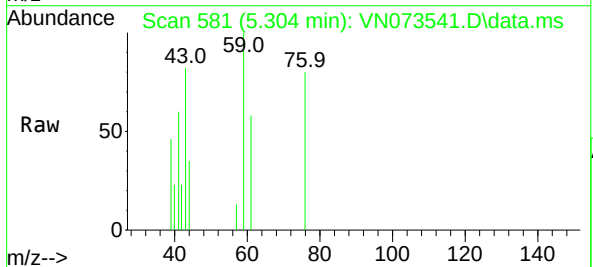
Instrument :
MSVOA_N
ClientSampleId :
070622-G

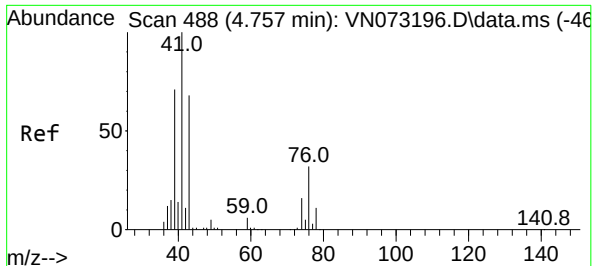
Tgt Ion: 64 Resp: 924
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 2.579 ug/l
RT: 5.304 min Scan# 581
Delta R.T. 0.023 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 59 Resp: 2612
Ion Ratio Lower Upper
59 100
57 3.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.612 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.035 min

Lab File: VN073541.D

Acq: 20 Jul 2022 23:02

Instrument :

MSVOA_N

ClientSampleId :

070622-G

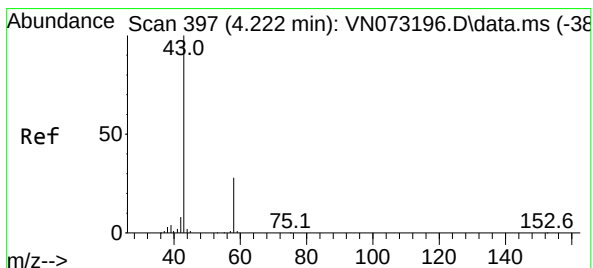
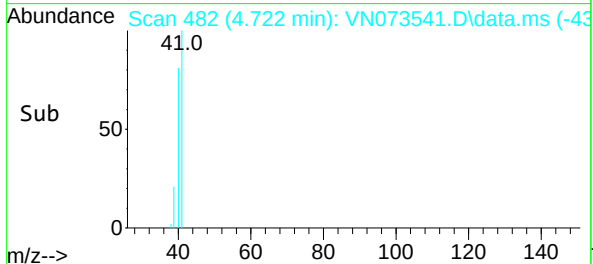
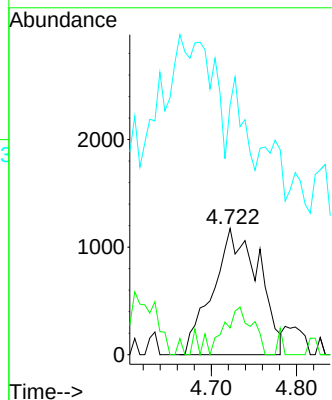
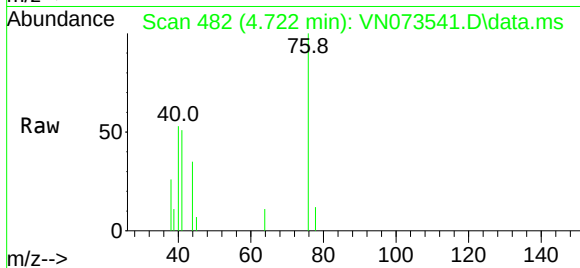
Tgt Ion: 41 Resp: 4398

Ion Ratio Lower Upper

41 100

39 22.5 53.2 79.8#

76 0.0 29.9 44.9#



#16

Acetone

Concen: 19.448 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN073541.D

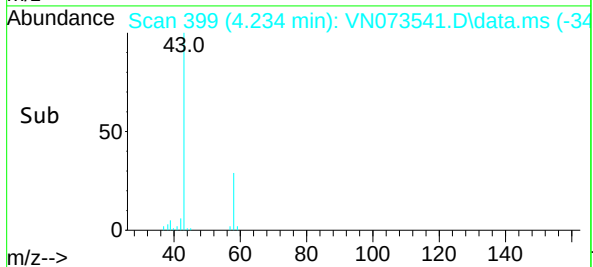
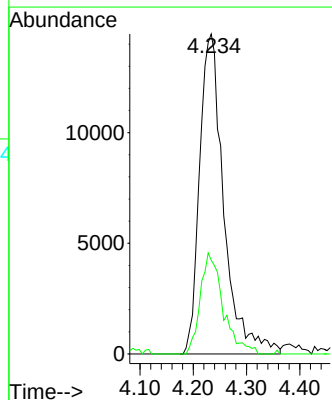
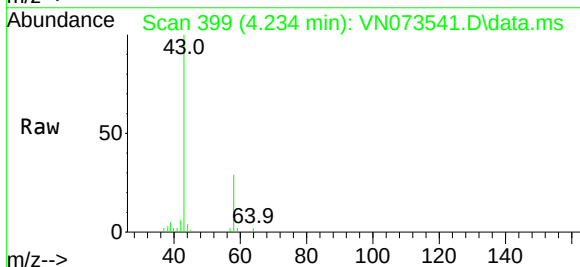
Acq: 20 Jul 2022 23:02

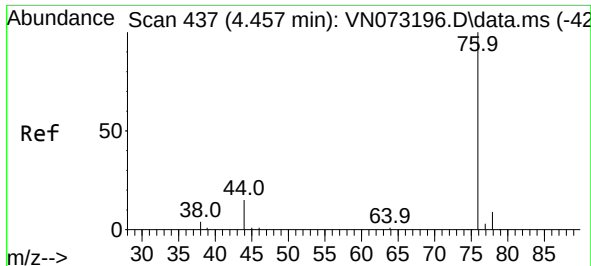
Tgt Ion: 43 Resp: 45647

Ion Ratio Lower Upper

43 100

58 29.3 26.0 39.0

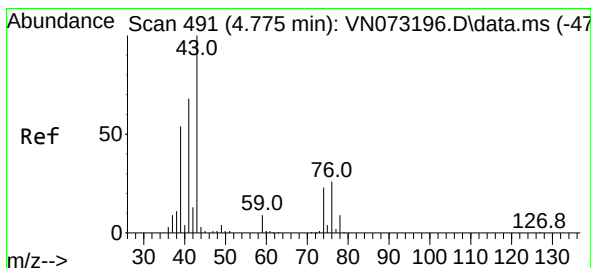
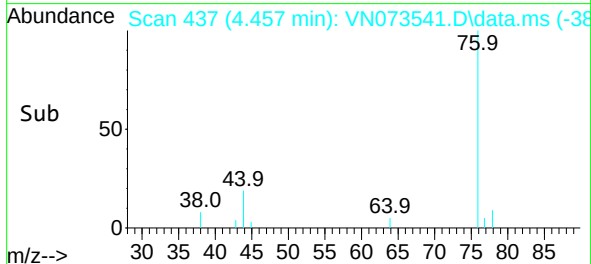
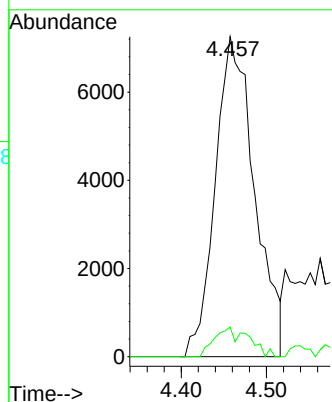
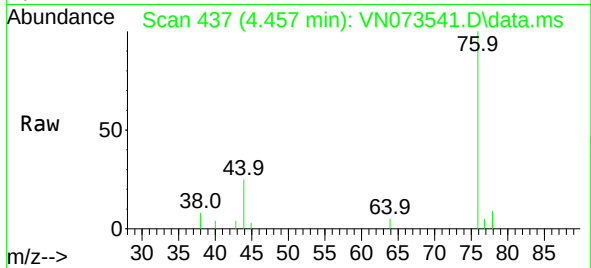




#17
Carbon Disulfide
Concen: 2.632 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

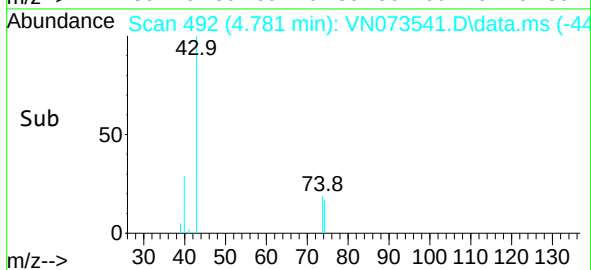
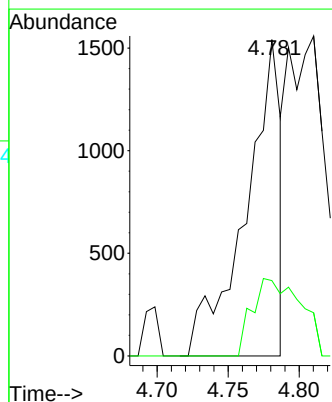
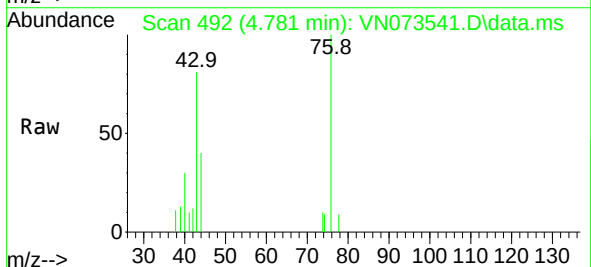
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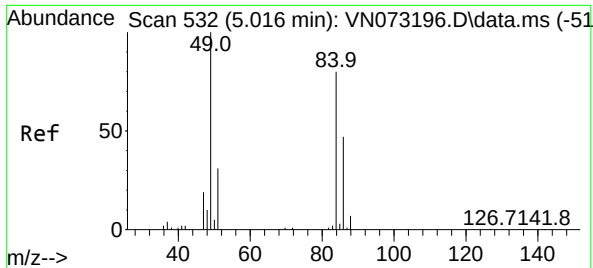
Tgt Ion: 76 Resp: 23268
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 0.400 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 43 Resp: 2633
Ion Ratio Lower Upper
43 100
74 34.0 21.6 32.4#

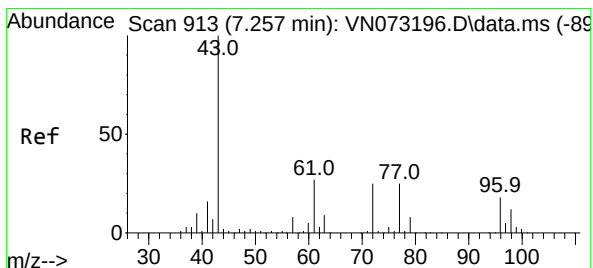
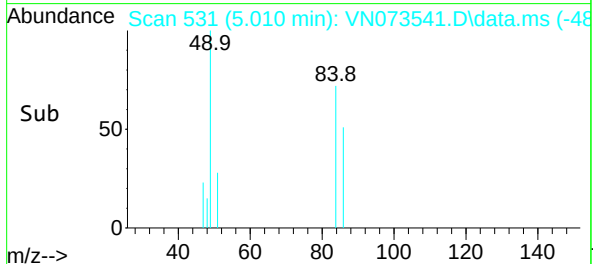
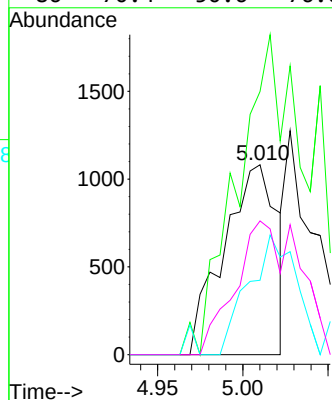
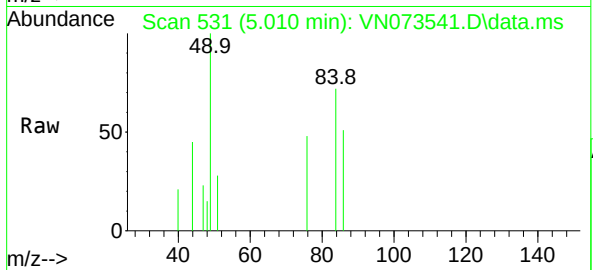




#20
Methylene Chloride
Concen: 0.569 ug/l
RT: 5.010 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

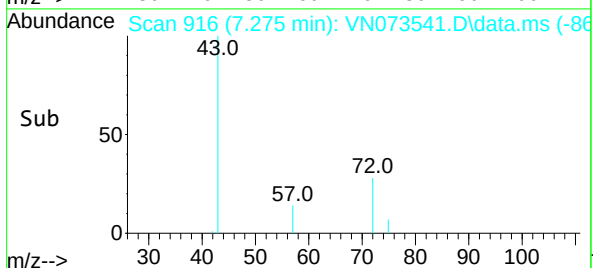
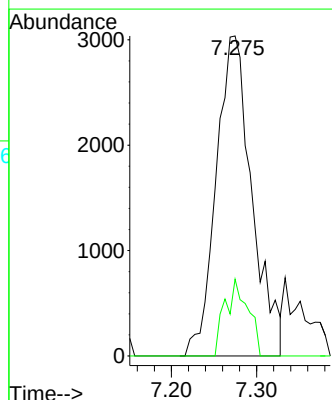
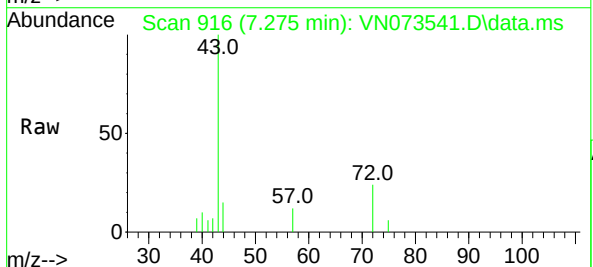
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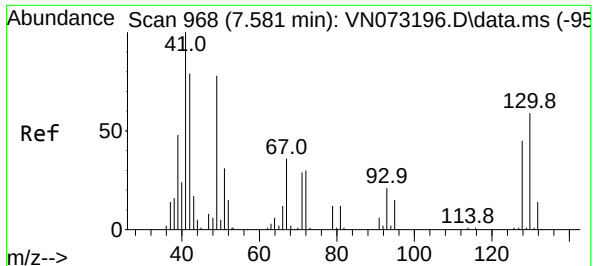
Tgt Ion: 84 Resp: 2345
Ion Ratio Lower Upper
84 100
49 138.5 88.3 132.5#
51 39.2 28.2 42.2
86 70.4 50.6 76.0



#25
2-Butanone
Concen: 2.374 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 43 Resp: 8870
Ion Ratio Lower Upper
43 100
72 24.0 23.7 35.5





#28

Bromochloromethane

Concen: 0.905 ug/l

RT: 7.581 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073541.D

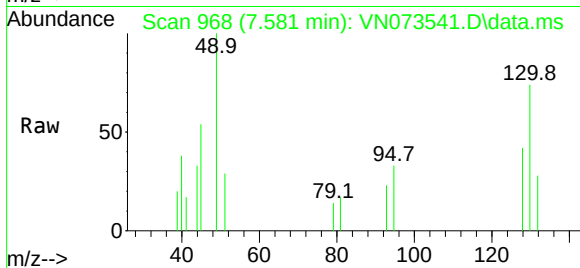
Acq: 20 Jul 2022 23:02

Instrument :

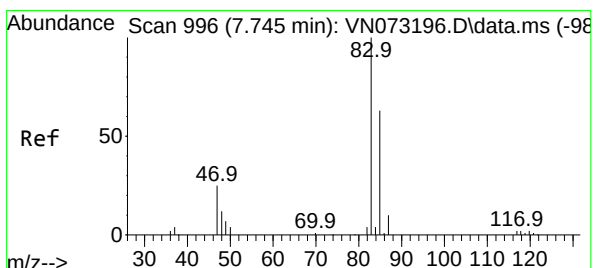
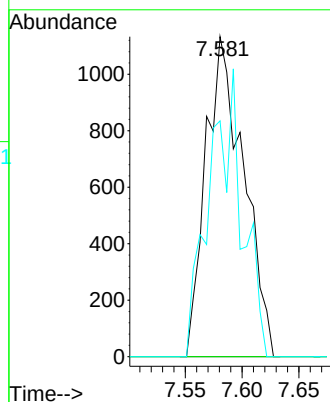
MSVOA_N

ClientSampleId :

070622-G



Tgt Ion:	49	Resp:	2630
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	77.7	69.7	104.5



#30

Chloroform

Concen: 5.666 ug/l

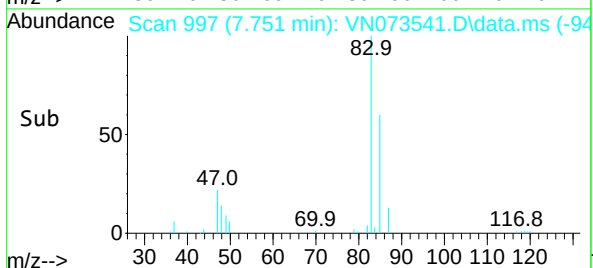
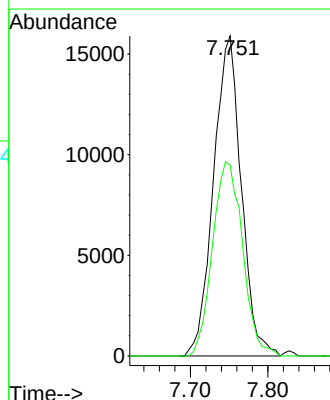
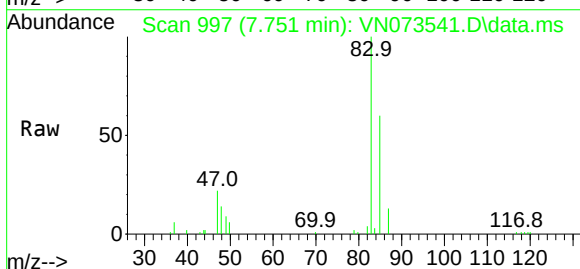
RT: 7.751 min Scan# 997

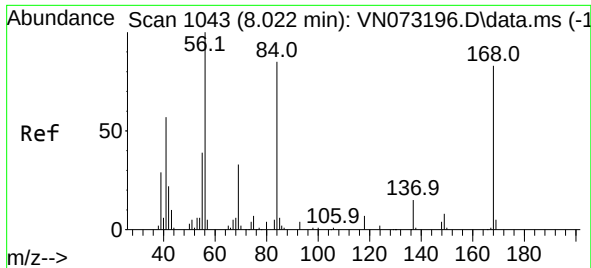
Delta R.T. 0.006 min

Lab File: VN073541.D

Acq: 20 Jul 2022 23:02

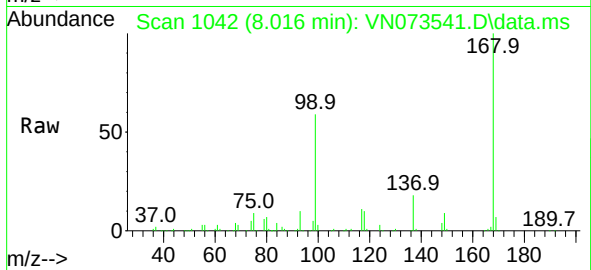
Tgt Ion:	83	Resp:	39582
Ion	Ratio	Lower	Upper
83	100		
85	59.6	51.8	77.8



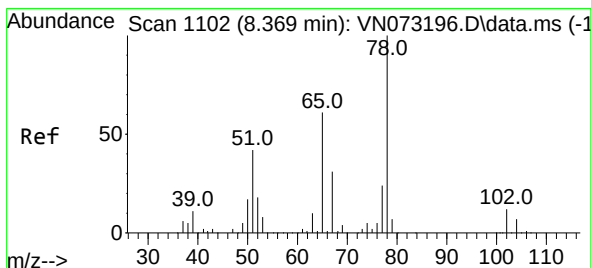
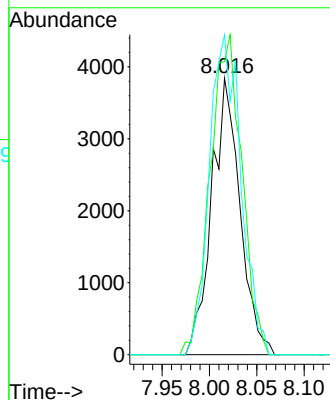
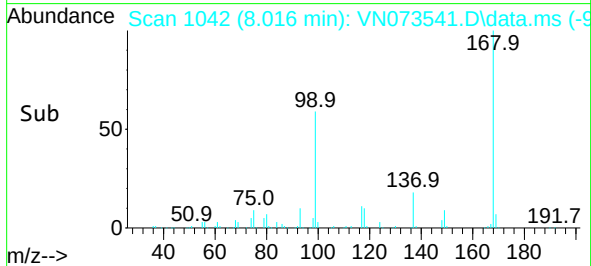


#31
Cyclohexane
Concen: 1.169 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Instrument :
MSVOA_N
ClientSampleId :
070622-G

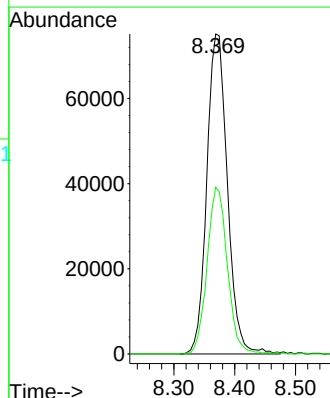
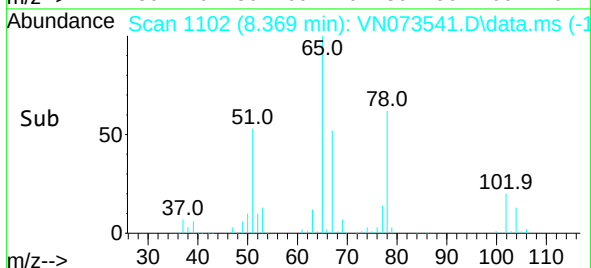
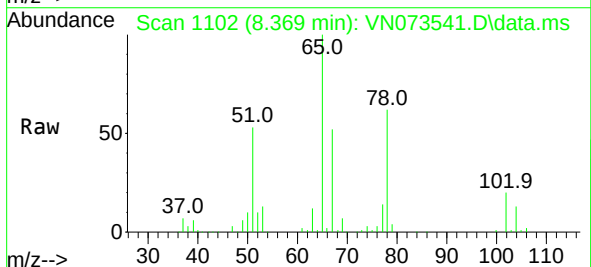


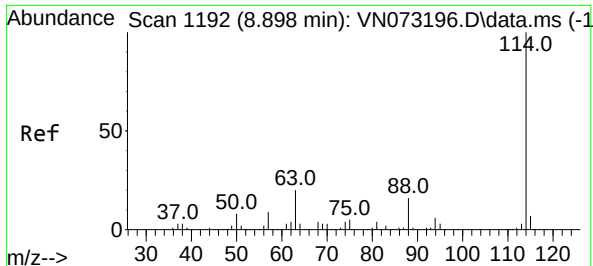
Tgt Ion: 56 Resp: 8006
Ion Ratio Lower Upper
56 100
69 106.1 27.8 41.8#
84 115.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 42.133 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 65 Resp: 176179
Ion Ratio Lower Upper
65 100
67 51.4 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: VN073541.D

Acq: 20 Jul 2022 23:02

Instrument :

MSVOA_N

ClientSampleId :

070622-G

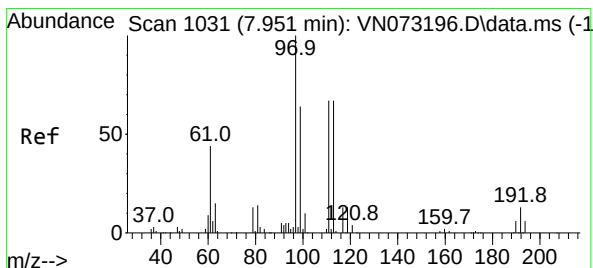
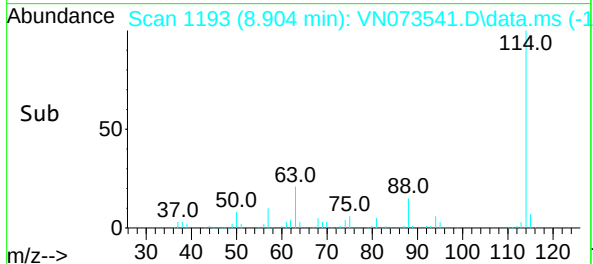
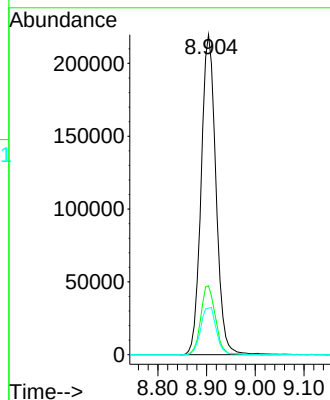
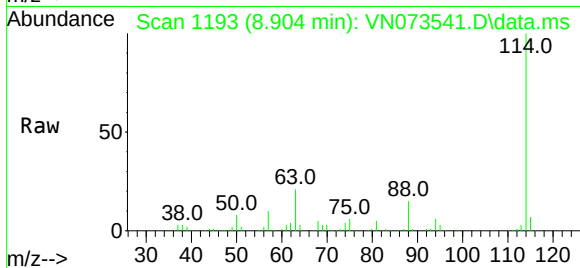
Tgt Ion:114 Resp: 464006

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.078 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073541.D

Acq: 20 Jul 2022 23:02

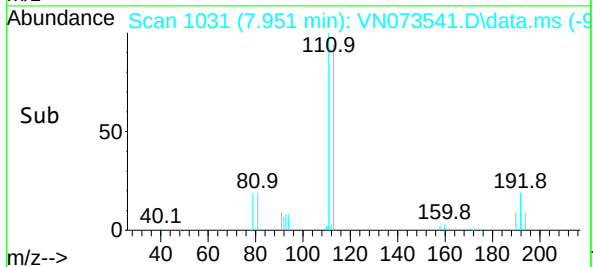
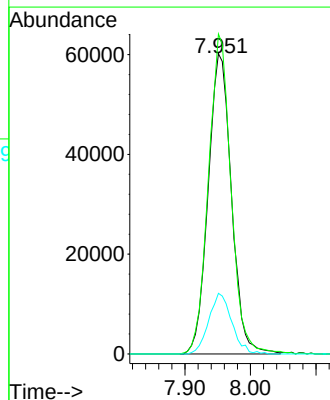
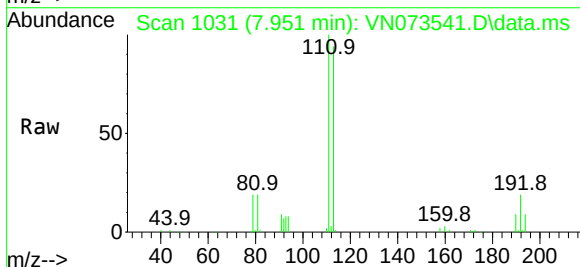
Tgt Ion:113 Resp: 148422

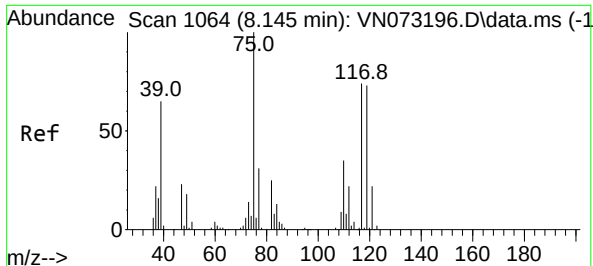
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 20.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.632 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN073541.D

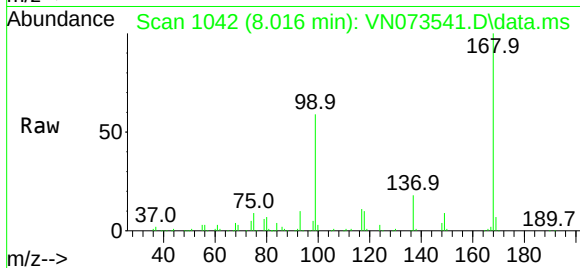
Acq: 20 Jul 2022 23:02

Instrument :

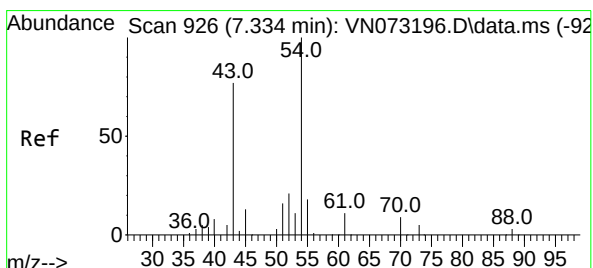
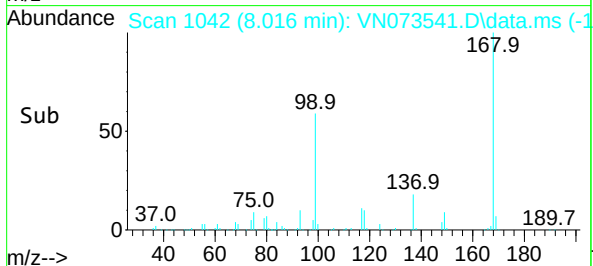
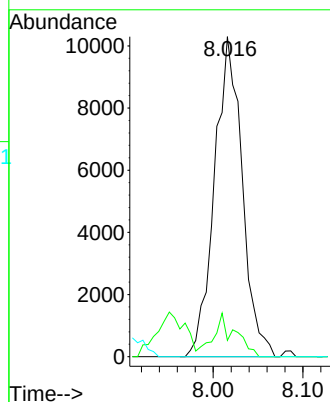
MSVOA_N

ClientSampleId :

070622-G



Tgt Ion:	75	Resp:	22002
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.3	54.8#
77	0.0	25.1	37.7#



#37

Ethyl Acetate

Concen: 1.236 ug/l

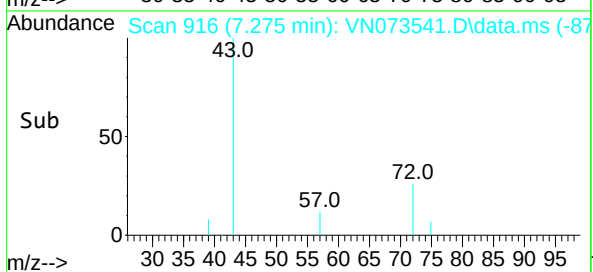
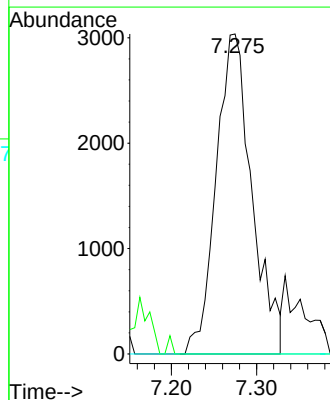
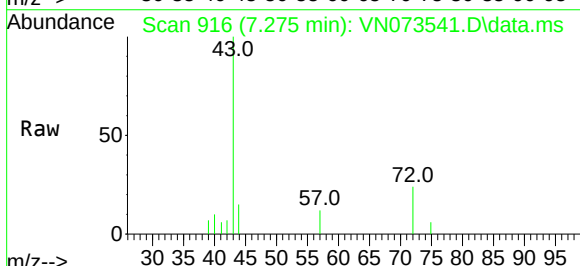
RT: 7.275 min Scan# 916

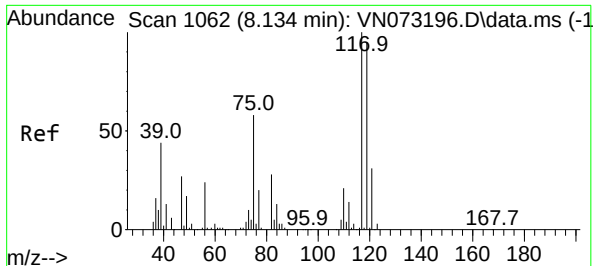
Delta R.T. -0.059 min

Lab File: VN073541.D

Acq: 20 Jul 2022 23:02

Tgt Ion:	43	Resp:	8870
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.3	13.9#

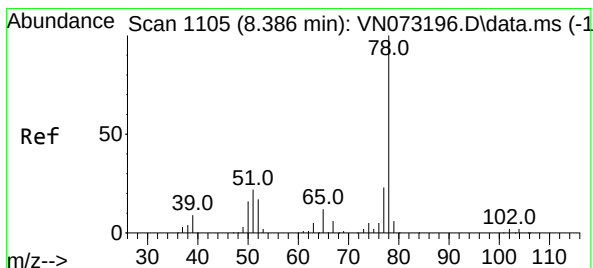
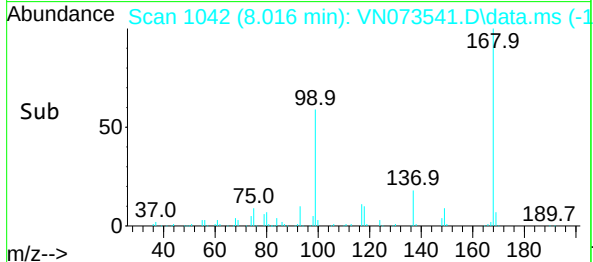
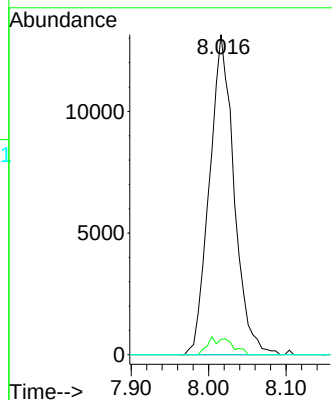
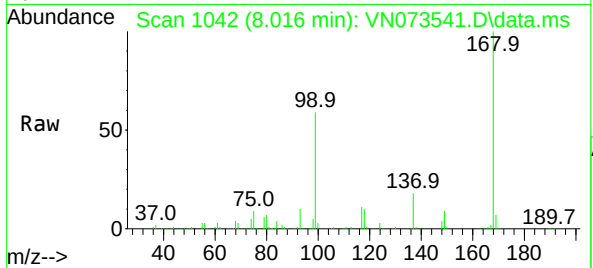




#38
Carbon Tetrachloride
Concen: 5.916 ug/l
RT: 8.016 min Scan# 1106
Delta R.T. -0.118 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

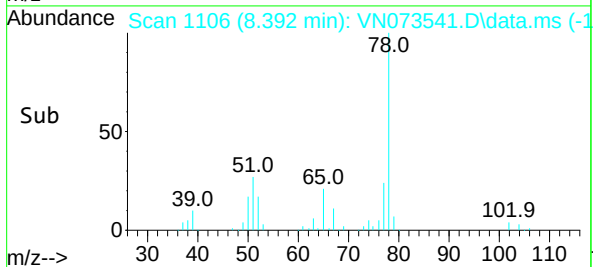
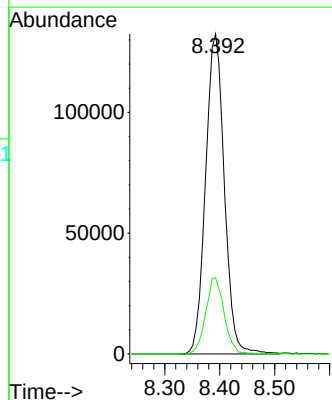
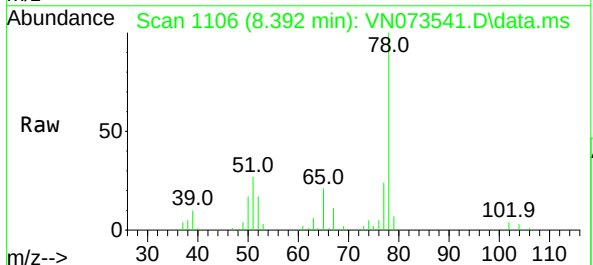
Instrument :
MSVOA_N
ClientSampleId :
070622-G

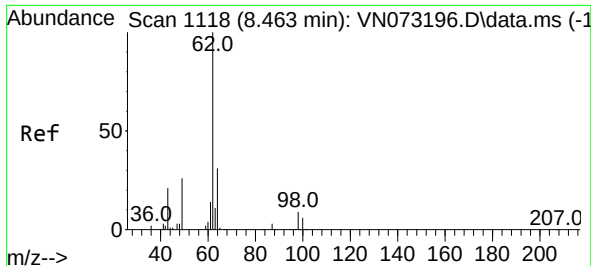
Tgt Ion:117 Resp: 29062
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 21.425 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 78 Resp: 314076
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0





#42

1,2-Dichloroethane

Concen: 0.619 ug/l

RT: 8.392 min Scan# 1118

Delta R.T. -0.071 min

Lab File: VN073541.D

Acq: 20 Jul 2022 23:02

Instrument :

MSVOA_N

ClientSampleId :

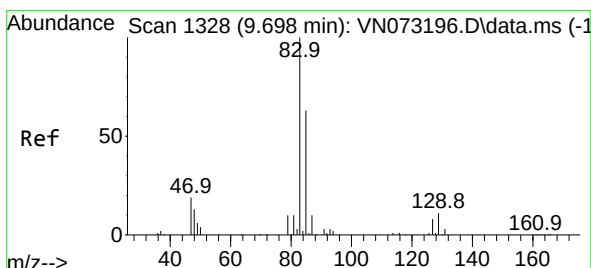
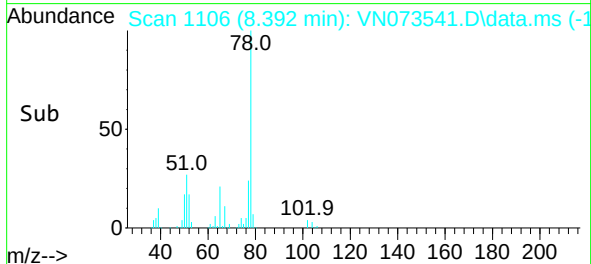
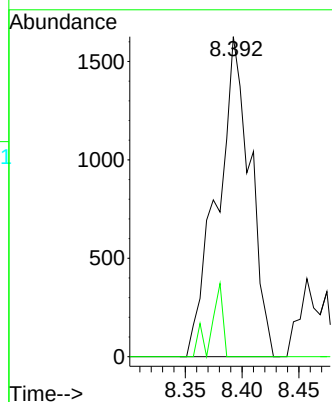
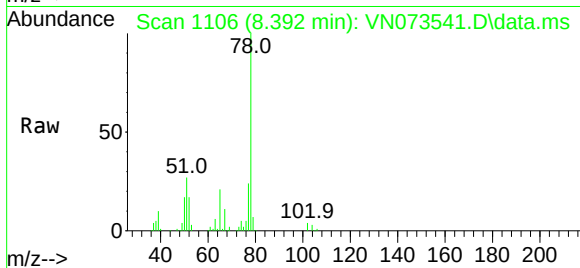
070622-G

Tgt Ion: 62 Resp: 3292

Ion Ratio Lower Upper

62 100

98 7.9 0.0 19.4



#47

Bromodichloromethane

Concen: 1.981 ug/l

RT: 9.704 min Scan# 1329

Delta R.T. 0.006 min

Lab File: VN073541.D

Acq: 20 Jul 2022 23:02

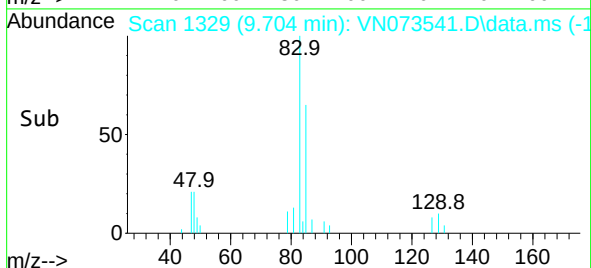
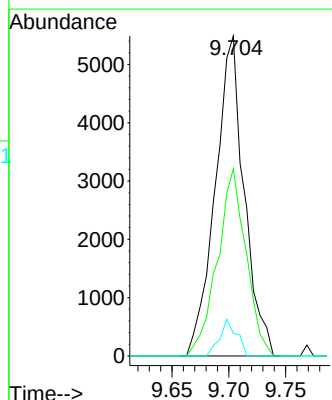
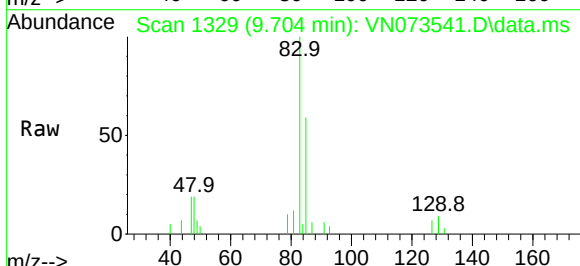
Tgt Ion: 83 Resp: 9736

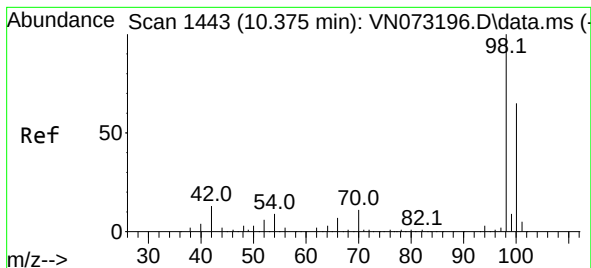
Ion Ratio Lower Upper

83 100

85 58.5 50.5 75.7

127 7.1 6.8 10.2





#50

Toluene-d8

Concen: 45.551 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073541.D

Acq: 20 Jul 2022 23:02

Instrument :

MSVOA_N

ClientSampleId :

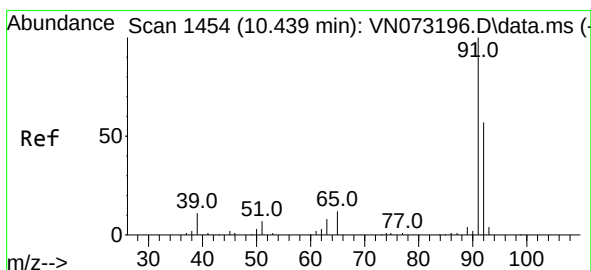
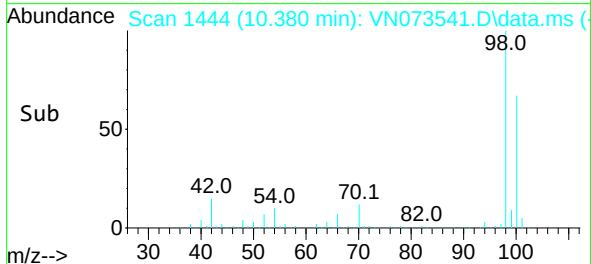
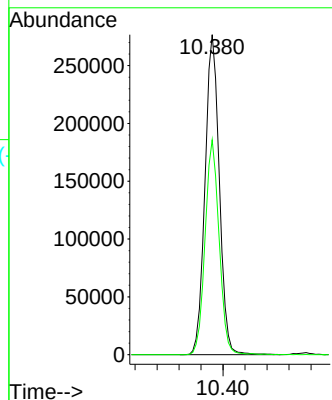
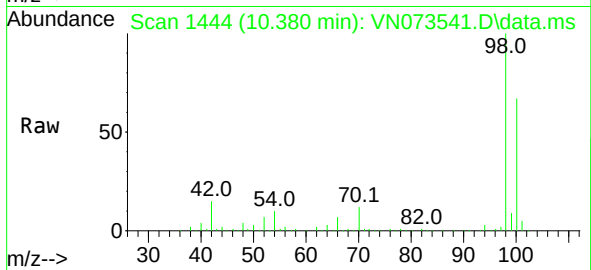
070622-G

Tgt Ion: 98 Resp: 499438

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#52

Toluene

Concen: 22.500 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.006 min

Lab File: VN073541.D

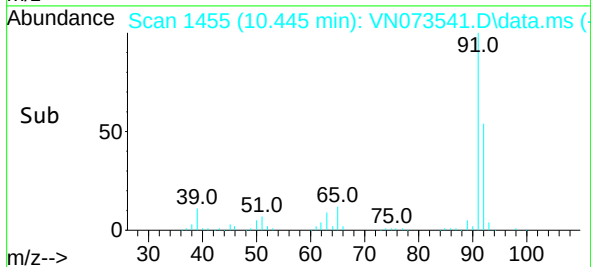
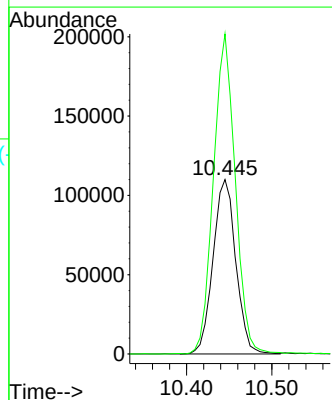
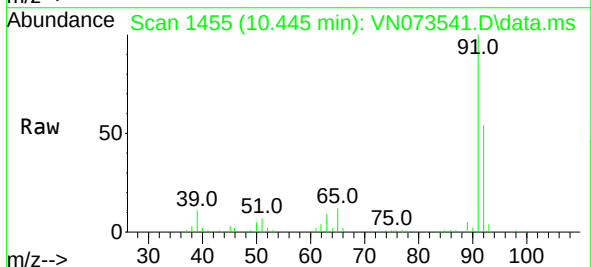
Acq: 20 Jul 2022 23:02

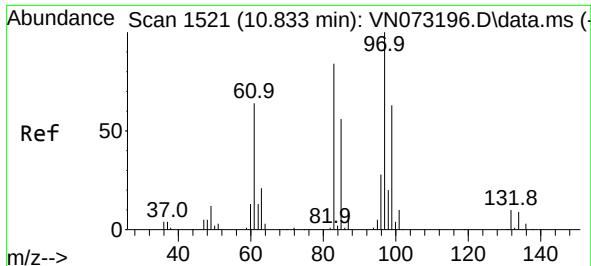
Tgt Ion: 92 Resp: 203845

Ion Ratio Lower Upper

92 100

91 177.0 138.6 207.8

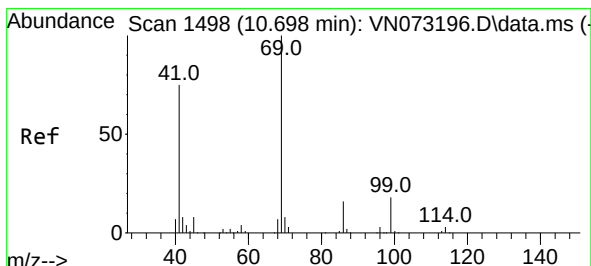
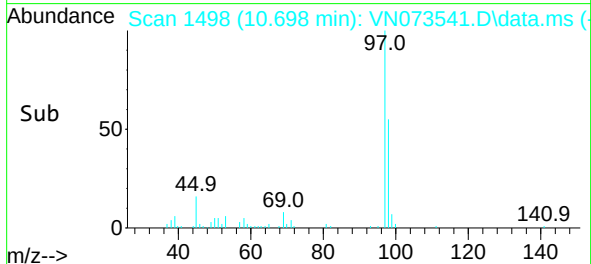
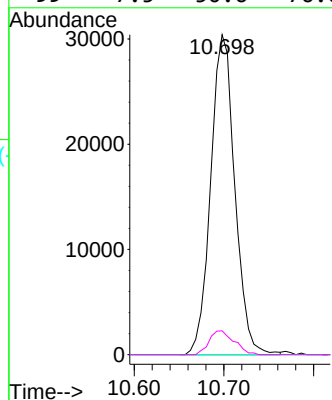
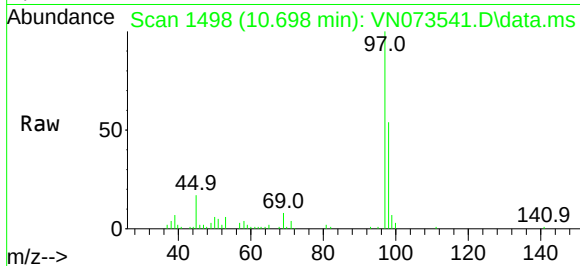




#55
1,1,2-Trichloroethane
Concen: 15.212 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.135 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

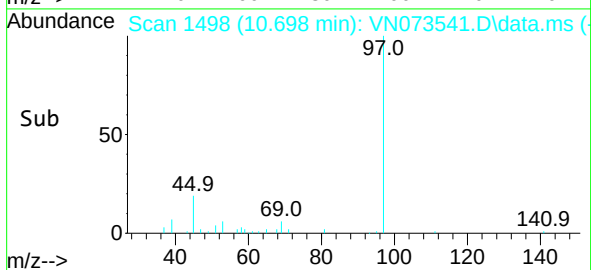
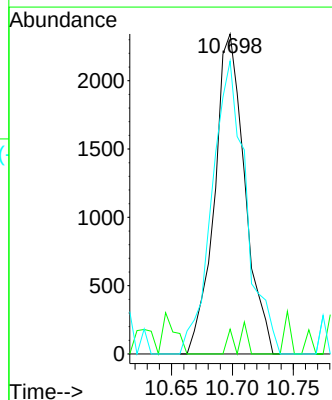
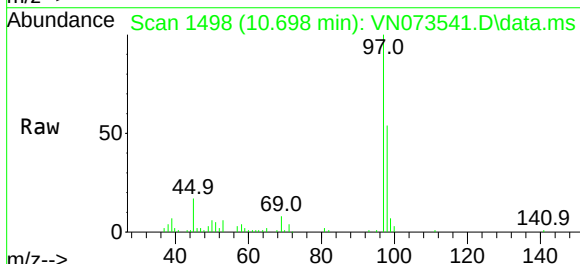
Instrument :
MSVOA_N
ClientSampleId :
070622-G

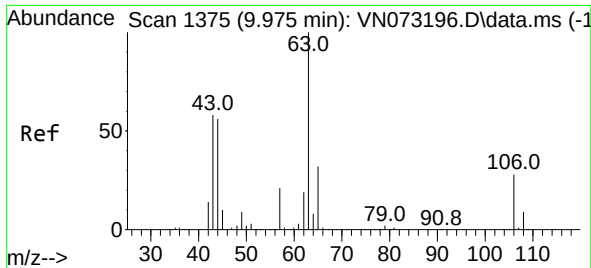
Tgt Ion: 97	Resp: 56737
Ion Ratio	Lower Upper
97 100	
83 0.0	66.2 99.4#
85 0.0	43.9 65.9#
99 7.5	50.6 76.0#



#56
Ethyl methacrylate
Concen: 0.674 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 69	Resp: 4066
Ion Ratio	Lower Upper
69 100	
41 0.0	47.8 71.6#
39 102.7	27.3 40.9#

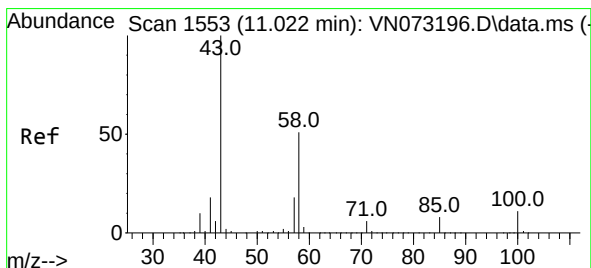
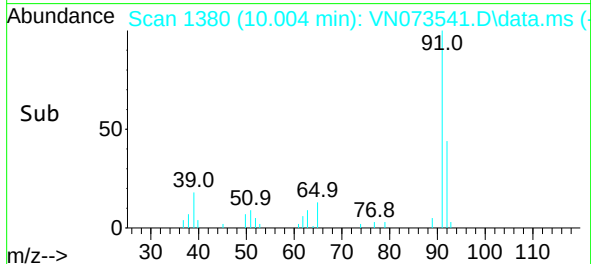
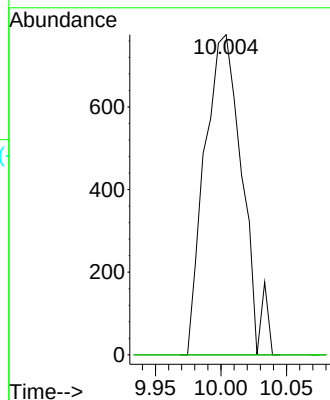
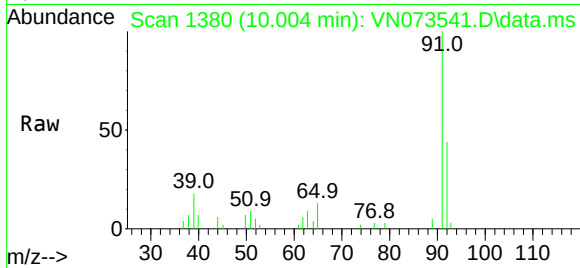




#58
2-Chloroethyl Vinyl ether
Concen: 0.574 ug/l
RT: 10.004 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

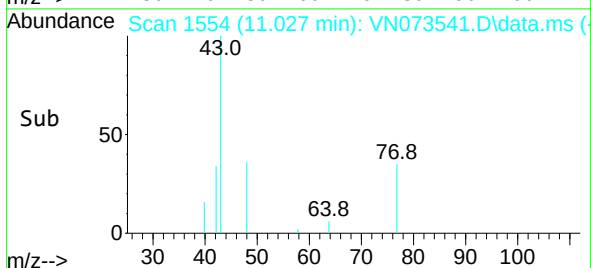
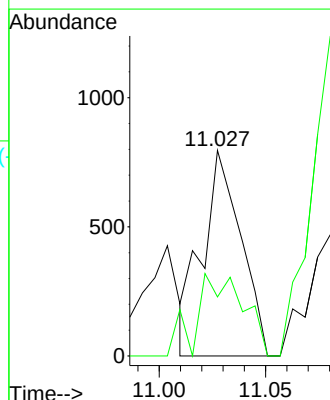
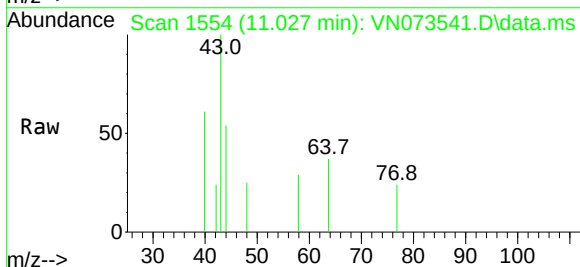
Instrument :
MSVOA_N
ClientSampleId :
070622-G

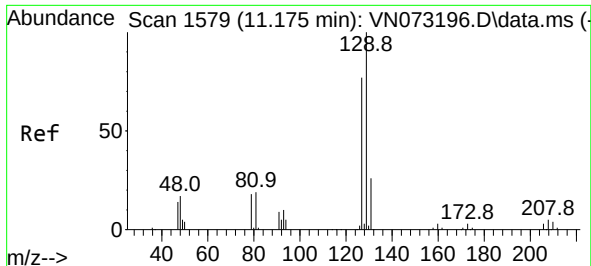
Tgt Ion: 63 Resp: 1542
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 0.202 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.005 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#

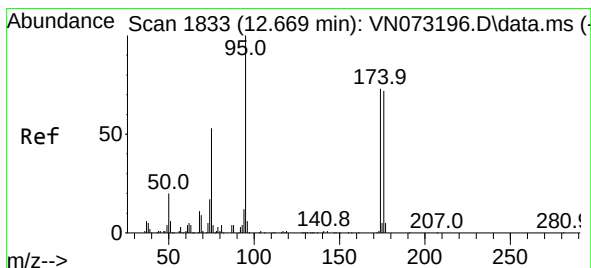
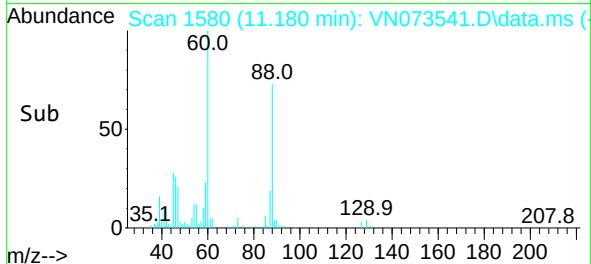
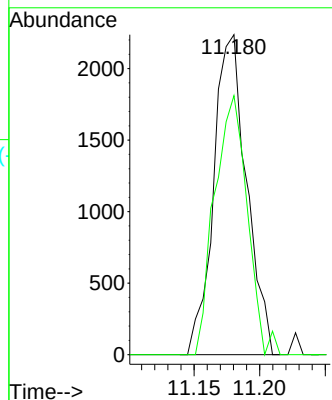
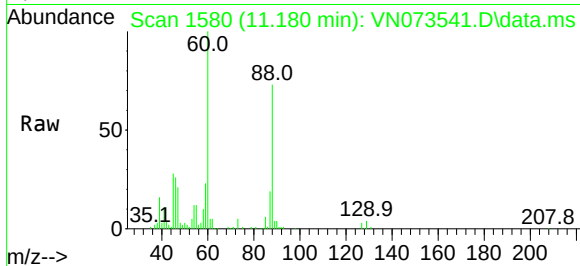




#60
Dibromochloromethane
Concen: 1.099 ug/l
RT: 11.180 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

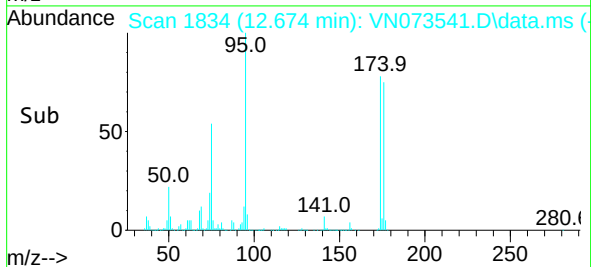
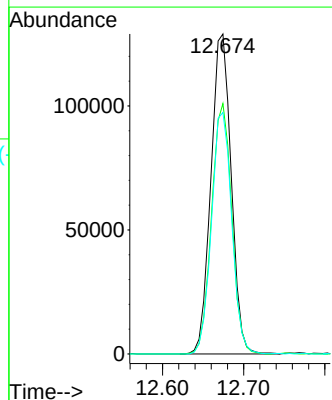
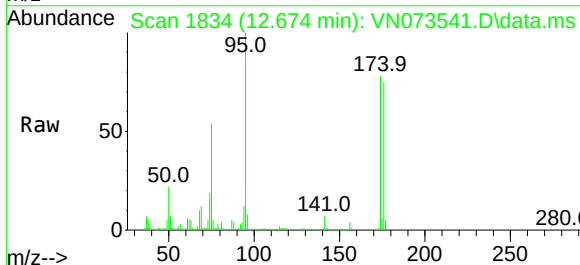
Instrument :
MSVOA_N
ClientSampleId :
070622-G

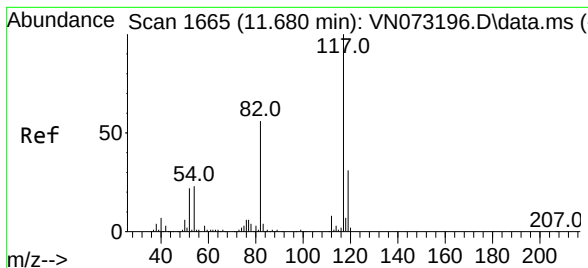
Tgt Ion:129 Resp: 3909
Ion Ratio Lower Upper
129 100
127 80.1 38.8 116.4



#62
4-Bromofluorobenzene
Concen: 53.123 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 95 Resp: 223837
Ion Ratio Lower Upper
95 100
174 77.8 0.0 167.6
176 75.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073541.D

Acq: 20 Jul 2022 23:02

Instrument :

MSVOA_N

ClientSampleId :

070622-G

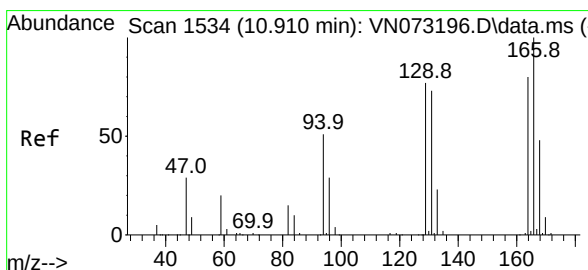
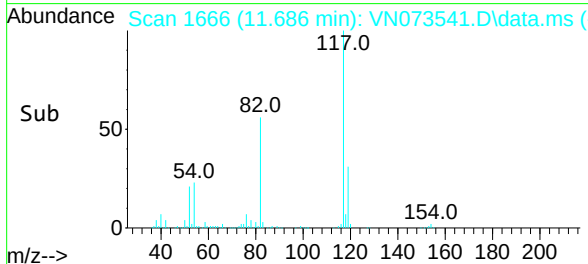
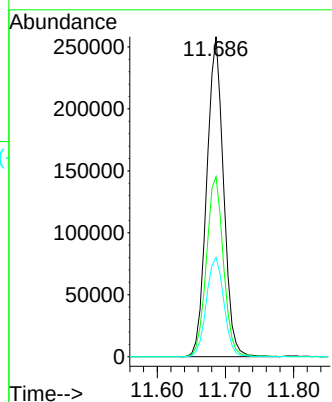
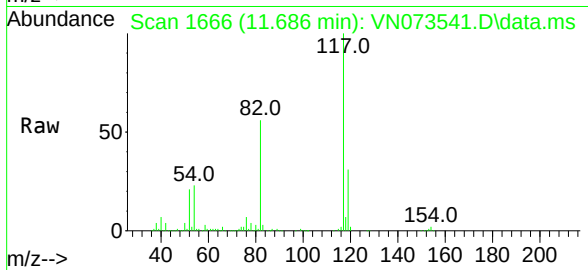
Tgt Ion:117 Resp: 441756

Ion Ratio Lower Upper

117 100

82 56.3 44.2 66.2

119 31.0 25.4 38.0



#64

Tetrachloroethene

Concen: 0.602 ug/l

RT: 10.922 min Scan# 1536

Delta R.T. 0.012 min

Lab File: VN073541.D

Acq: 20 Jul 2022 23:02

Tgt Ion:164 Resp: 2171

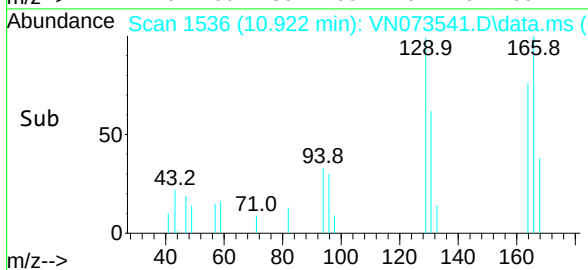
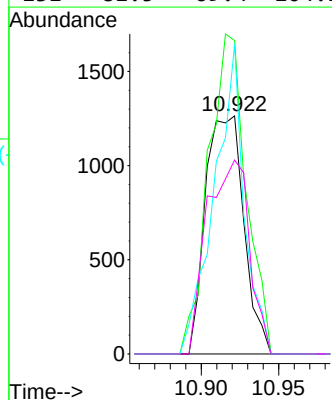
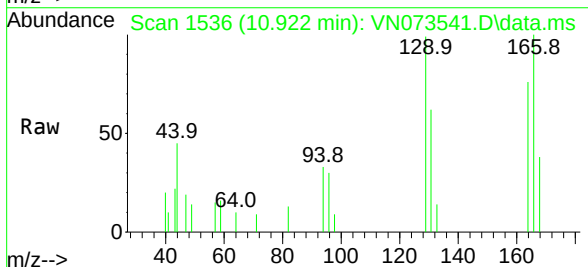
Ion Ratio Lower Upper

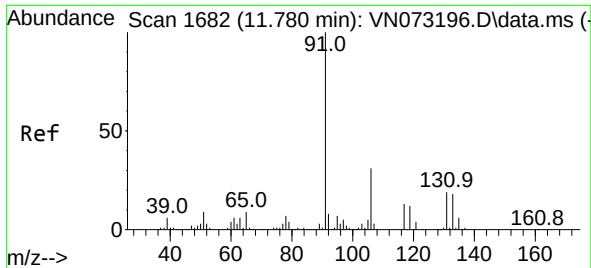
164 100

166 131.6 104.2 156.2

129 130.1 73.9 110.9#

131 81.5 69.4 104.2

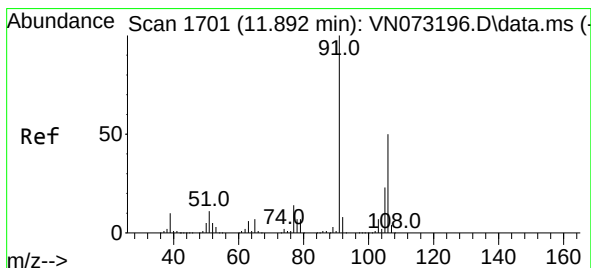
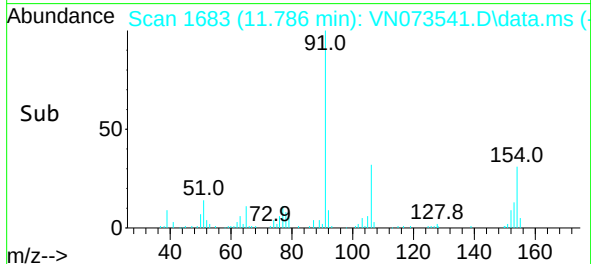
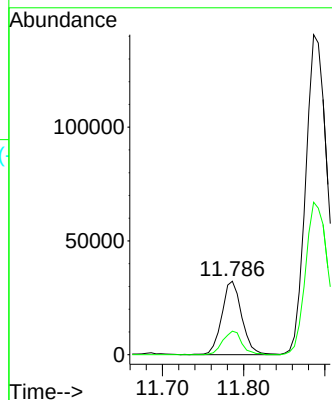
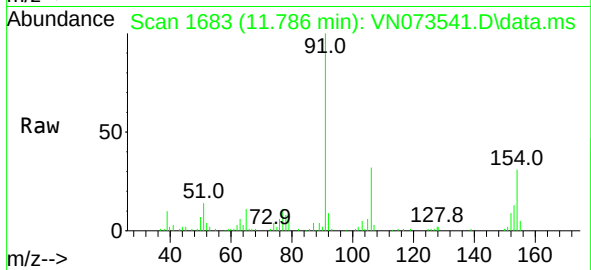




#67
Ethyl Benzene
Concen: 3.053 ug/l
RT: 11.786 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

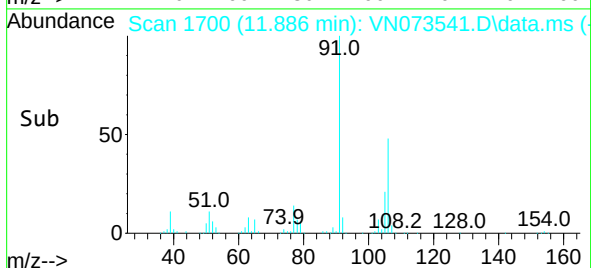
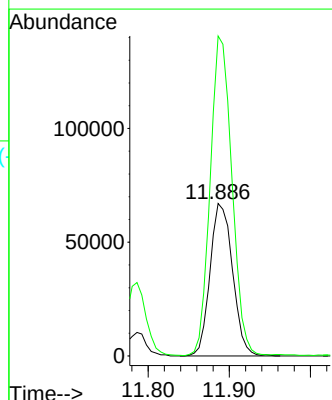
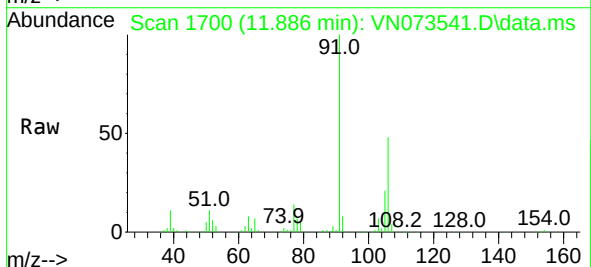
Instrument :
MSVOA_N
ClientSampleId :
070622-G

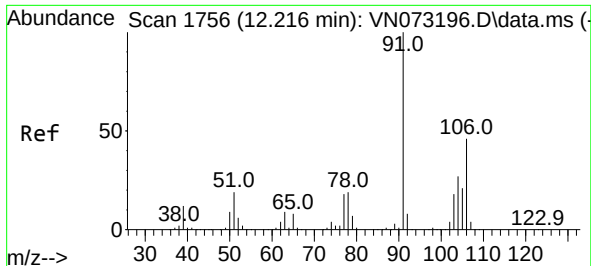
Tgt Ion: 91 Resp: 55368
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3



#68
m/p-Xylenes
Concen: 18.901 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 106 Resp: 129384
Ion Ratio Lower Upper
106 100
91 201.7 158.9 238.3

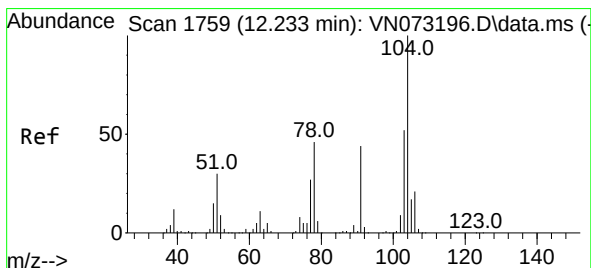
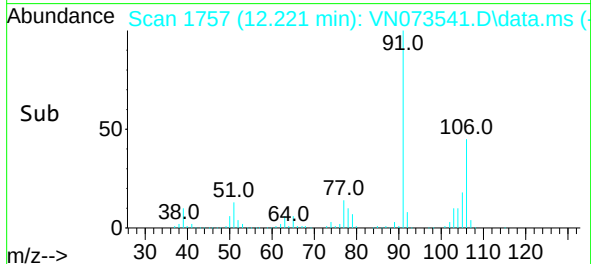
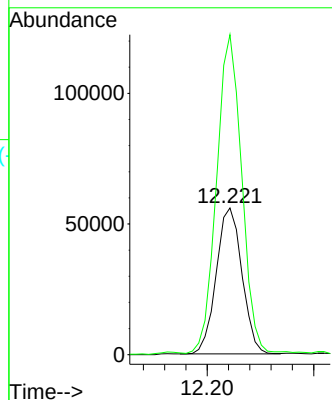
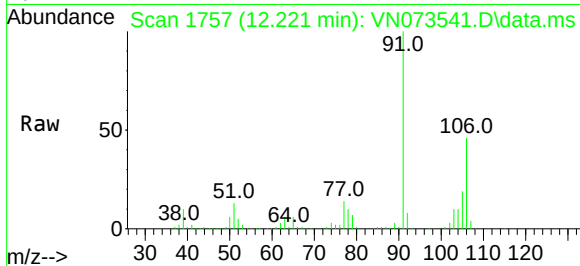




#69
o-Xylene
Concen: 13.401 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.005 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

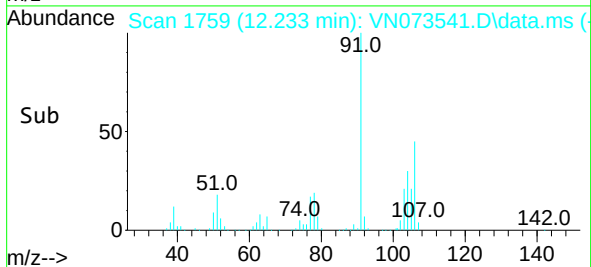
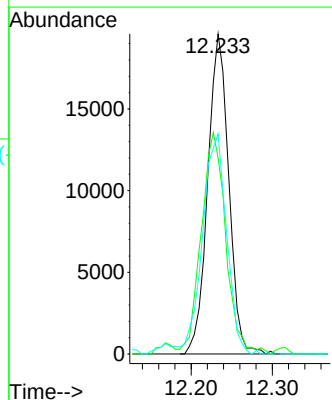
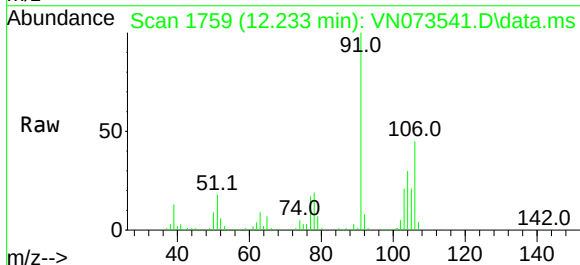
Instrument :
MSVOA_N
ClientSampleId :
070622-G

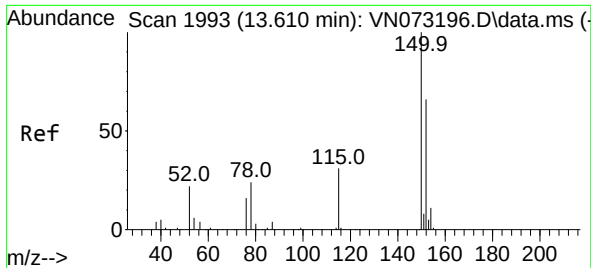
Tgt Ion:106 Resp: 93648
Ion Ratio Lower Upper
106 100
91 213.4 106.0 318.0



#70
Styrene
Concen: 3.262 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion:104 Resp: 35194
Ion Ratio Lower Upper
104 100
78 81.1 39.5 59.3#
103 78.7 44.0 66.0#

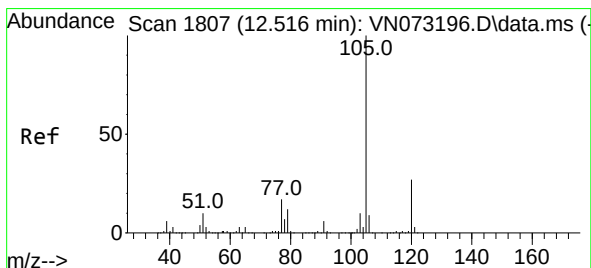
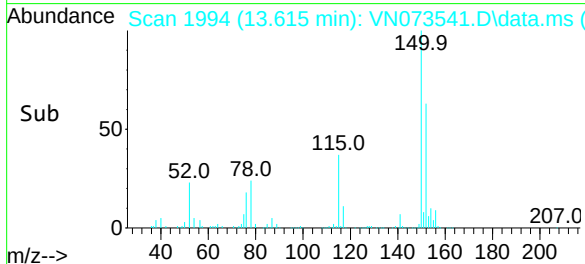
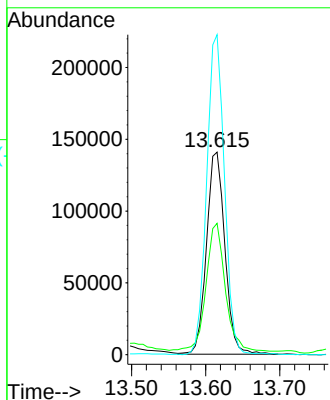
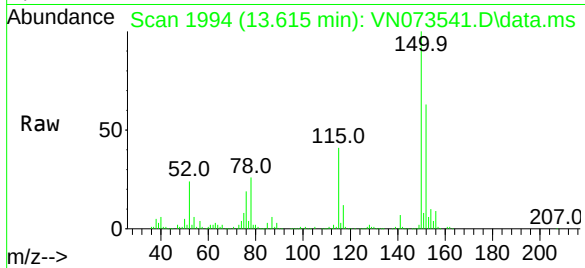




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1993
Delta R.T. 0.005 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

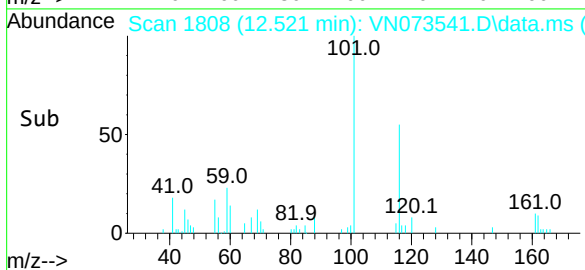
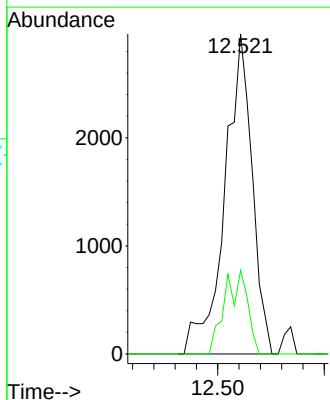
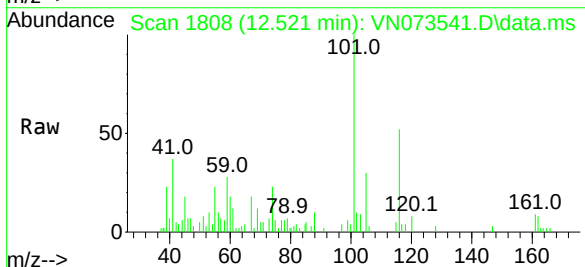
Instrument :
MSVOA_N
ClientSampleId :
070622-G

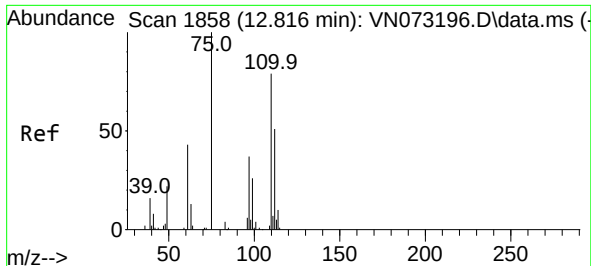
Tgt Ion:152 Resp: 242986
Ion Ratio Lower Upper
152 100
115 66.8 28.9 86.7
150 153.3 0.0 356.2



#73
Isopropylbenzene
Concen: 0.252 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion:105 Resp: 5291
Ion Ratio Lower Upper
105 100
120 21.6 13.5 40.4

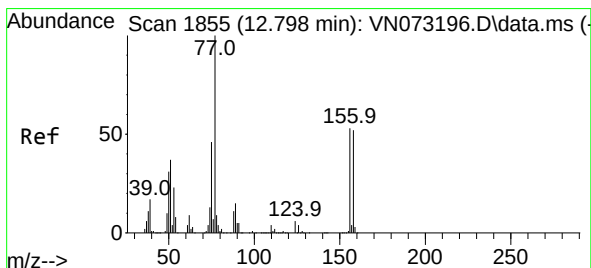
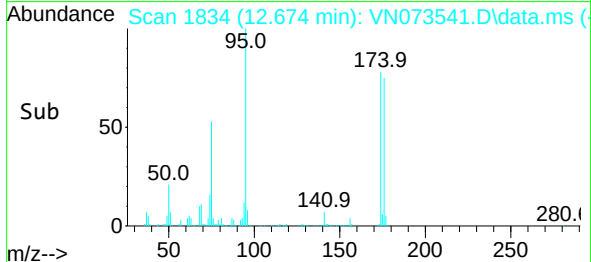
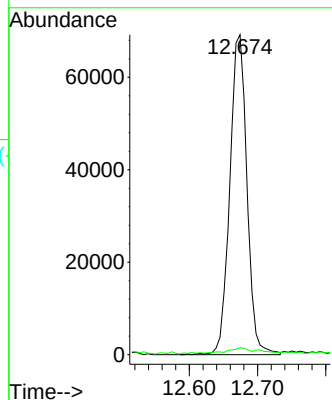
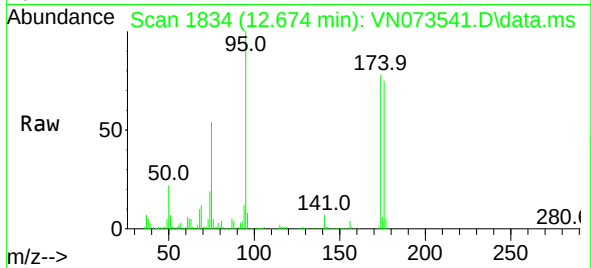




#76
1,2,3-Trichloropropane
Concen: 19.085 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

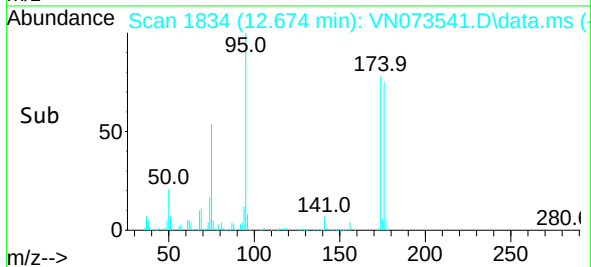
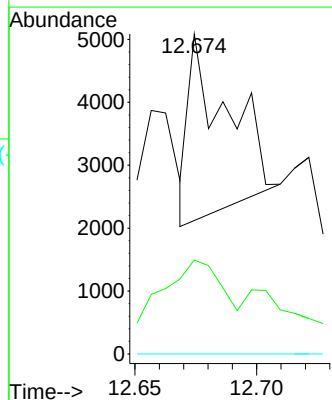
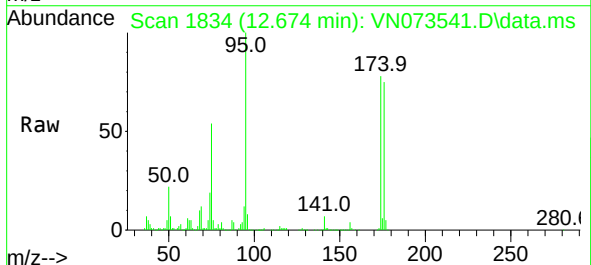
Instrument :
MSVOA_N
ClientSampleId :
070622-G

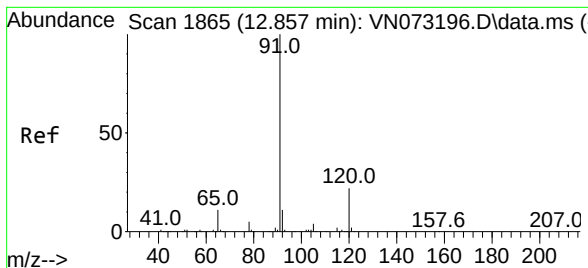
Tgt Ion: 75 Resp: 121259
Ion Ratio Lower Upper
75 100
77 1.8 98.5 295.5#



#77
Bromobenzene
Concen: 0.671 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.124 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 156 Resp: 3272
Ion Ratio Lower Upper
156 100
77 65.0 100.5 301.5#
158 0.0 48.9 146.6#





#78

n-propylbenzene

Concen: 0.819 ug/l

RT: 12.863 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073541.D

Acq: 20 Jul 2022 23:02

Instrument :

MSVOA_N

ClientSampleId :

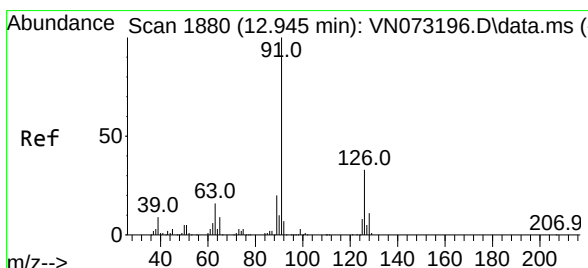
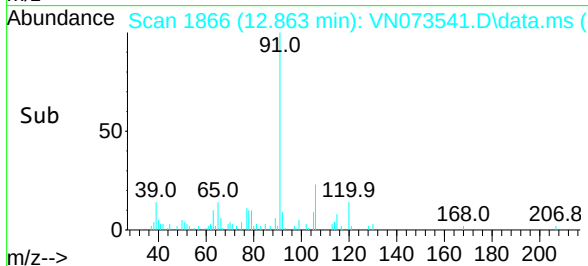
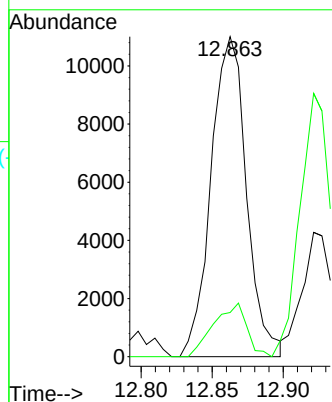
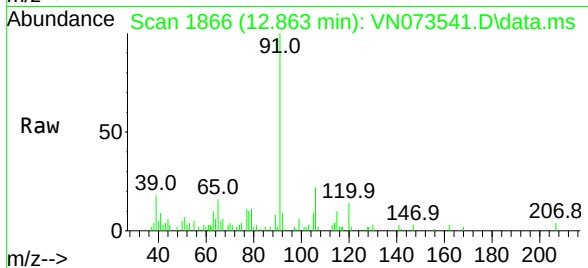
070622-G

Tgt Ion: 91 Resp: 19097

Ion Ratio Lower Upper

91 100

120 15.6 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.341 ug/l

RT: 13.168 min Scan# 1918

Delta R.T. 0.223 min

Lab File: VN073541.D

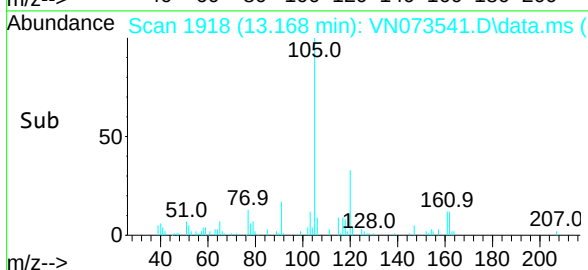
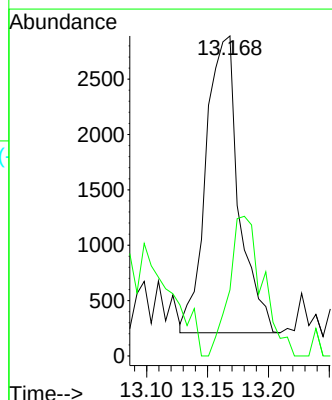
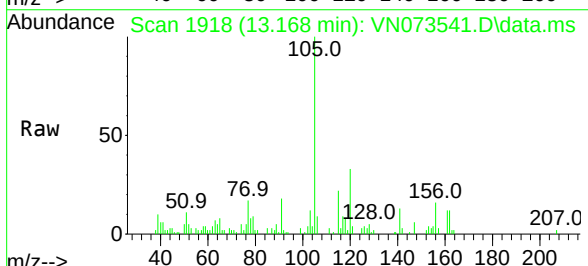
Acq: 20 Jul 2022 23:02

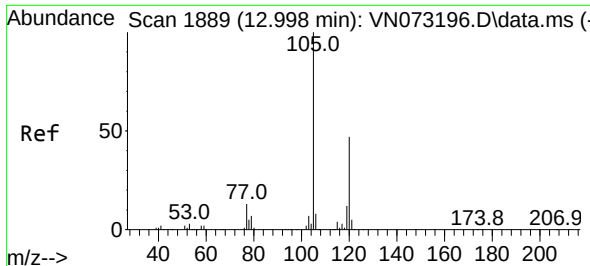
Tgt Ion: 91 Resp: 5029

Ion Ratio Lower Upper

91 100

126 47.6 17.3 51.9

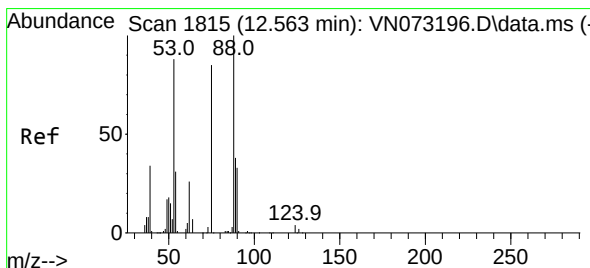
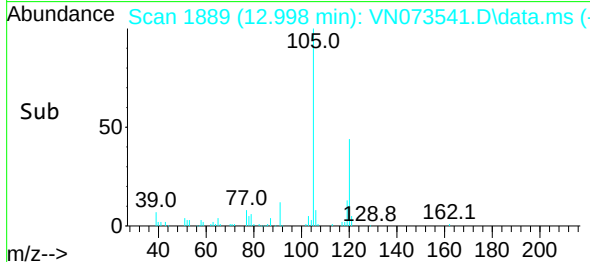
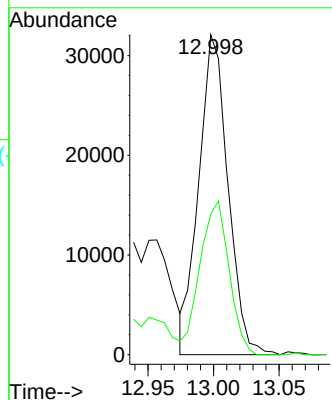
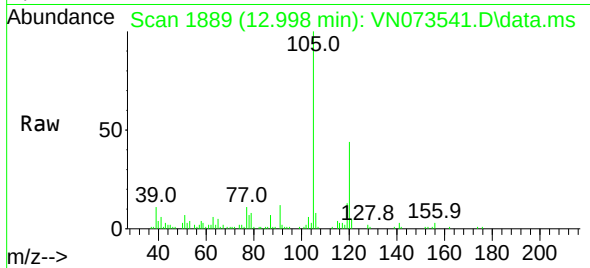




#80
 1,3,5-Trimethylbenzene
 Concen: 2.907 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. -0.000 min
 Lab File: VN073541.D
 Acq: 20 Jul 2022 23:02

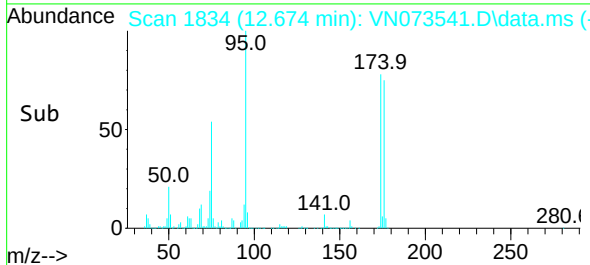
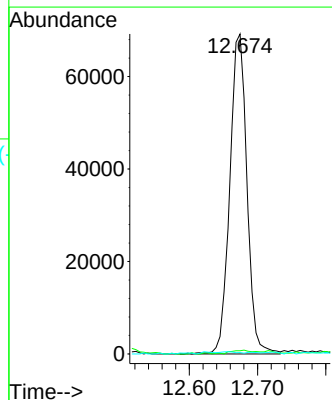
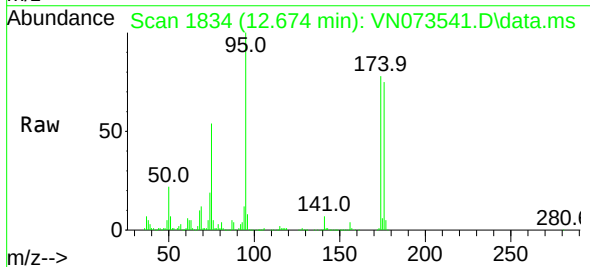
Instrument :
 MSVOA_N
 ClientSampleId :
 070622-G

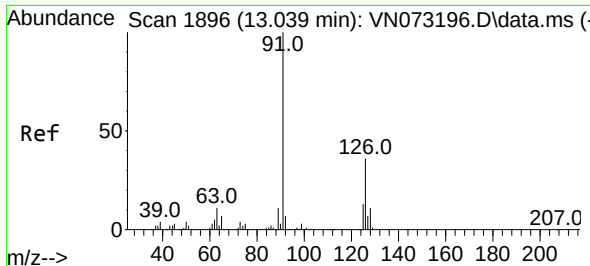
Tgt Ion:105 Resp: 49724
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.340 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. 0.111 min
 Lab File: VN073541.D
 Acq: 20 Jul 2022 23:02

Tgt Ion: 75 Resp: 121259
 Ion Ratio Lower Upper
 75 100
 53 1.3 78.0 117.0#
 89 0.4 37.2 55.8#

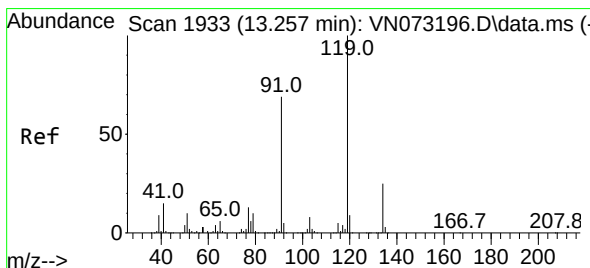
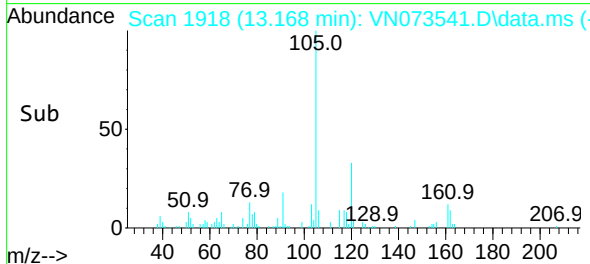
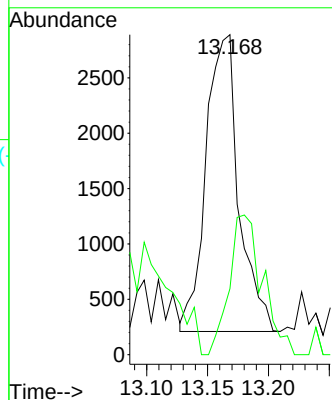
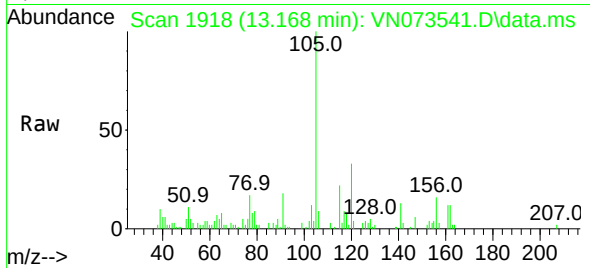




#82
4-Chlorotoluene
Concen: 0.352 ug/l
RT: 13.168 min Scan# 14
Delta R.T. 0.129 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

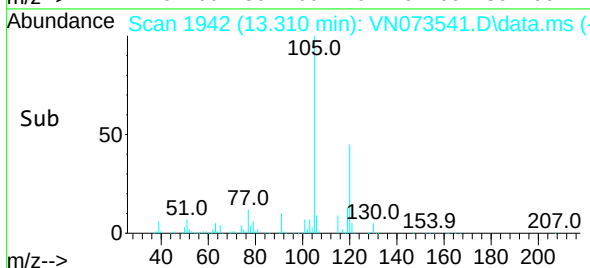
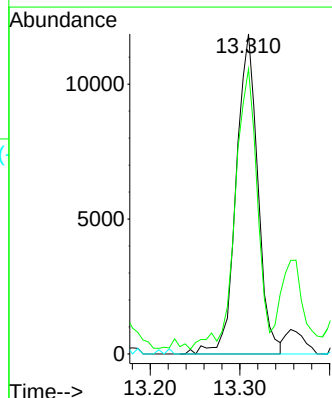
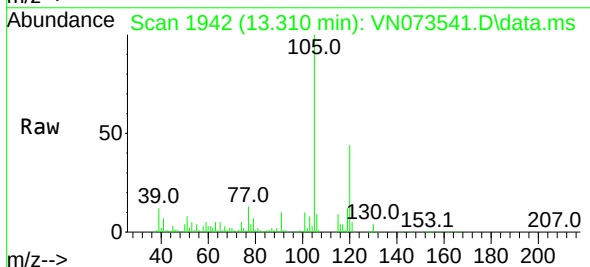
Instrument :
MSVOA_N
ClientSampleId :
070622-G

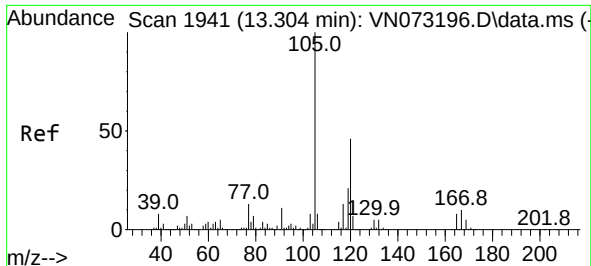
Tgt Ion: 91 Resp: 5029
Ion Ratio Lower Upper
91 100
126 47.6 17.2 51.6



#83
tert-Butylbenzene
Concen: 1.297 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.053 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 119 Resp: 19880
Ion Ratio Lower Upper
119 100
91 89.0 31.6 94.8
134 0.0 13.7 41.1#

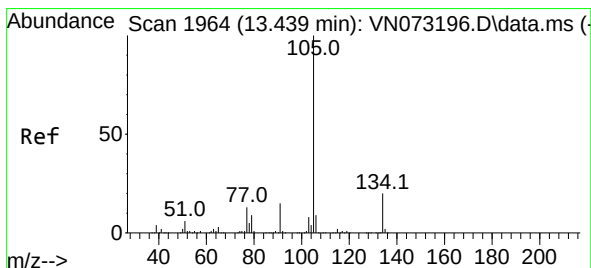
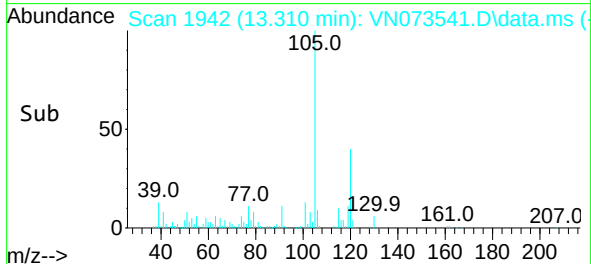
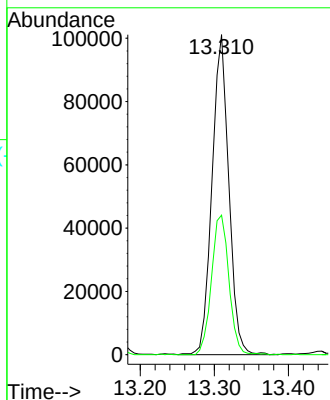
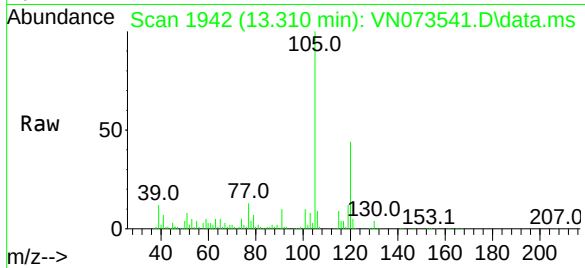




#84
1,2,4-Trimethylbenzene
Concen: 9.298 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

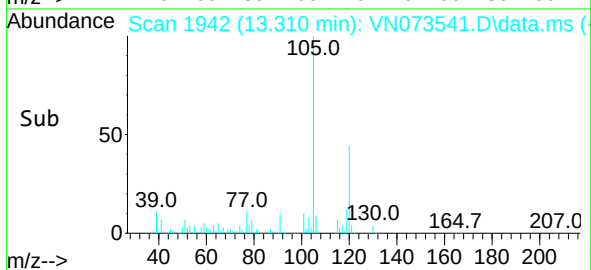
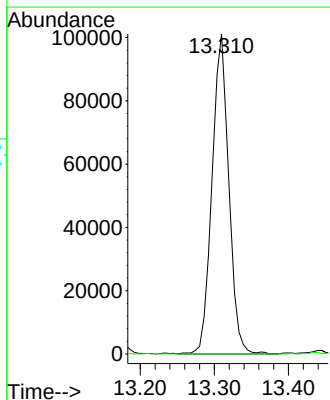
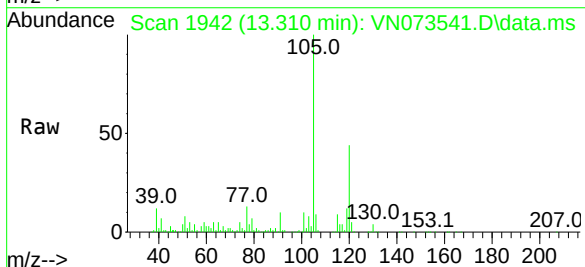
Instrument :
MSVOA_N
ClientSampleId :
070622-G

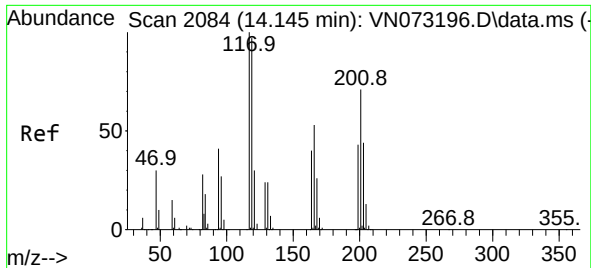
Tgt Ion:105 Resp: 158765
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8



#85
sec-Butylbenzene
Concen: 7.711 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.129 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion:105 Resp: 158765
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

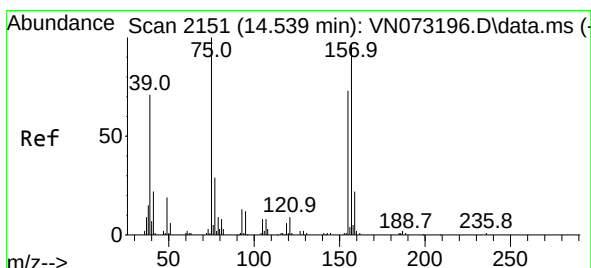
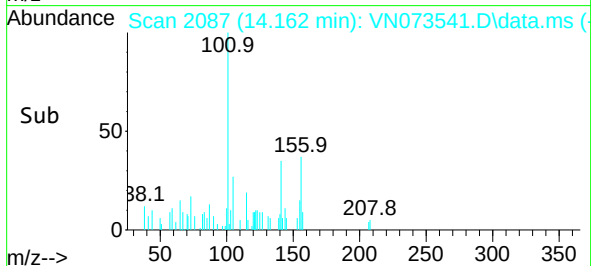
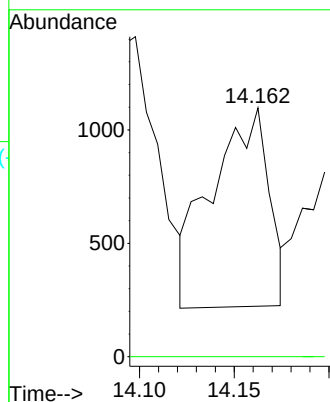
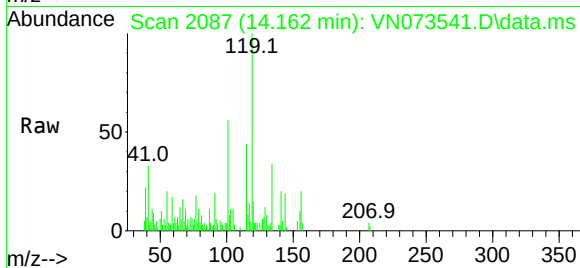




#90
Hexachloroethane
Concen: 0.593 ug/l
RT: 14.162 min Scan# 2087
Delta R.T. 0.017 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

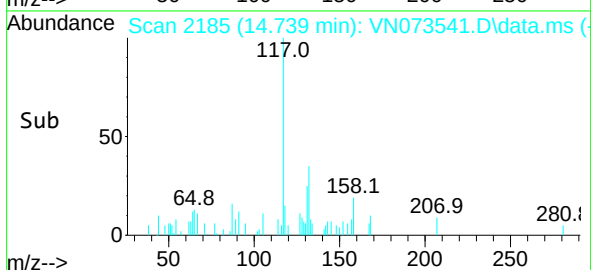
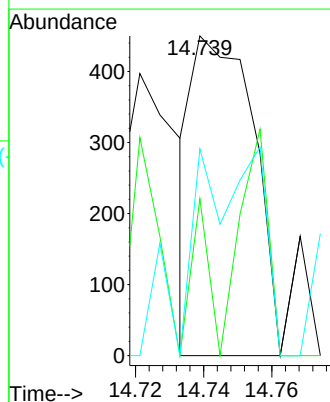
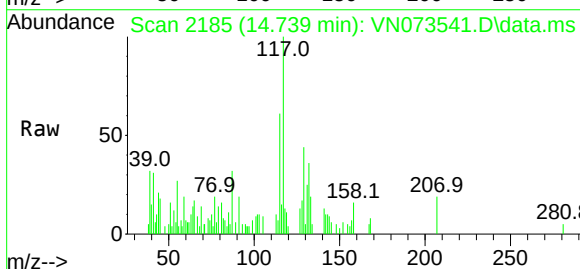
Instrument :
MSVOA_N
ClientSampleId :
070622-G

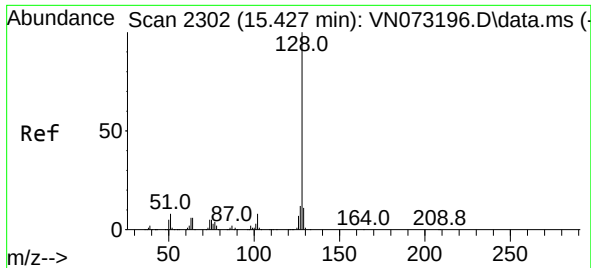
Tgt Ion:117 Resp: 1837
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.328 ug/l
RT: 14.739 min Scan# 2185
Delta R.T. 0.200 min
Lab File: VN073541.D
Acq: 20 Jul 2022 23:02

Tgt Ion: 75 Resp: 555
Ion Ratio Lower Upper
75 100
155 47.0 44.9 134.5
157 74.8 59.0 176.8





#95

Naphthalene

Concen: 243.002 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073541.D

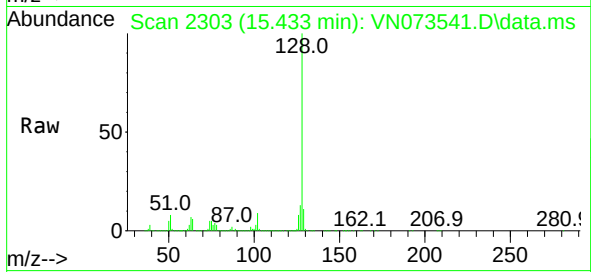
Acq: 20 Jul 2022 23:02

Instrument :

MSVOA_N

ClientSampleId :

070622-G



Tgt Ion:128 Resp: 4550745

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 13.0

