

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073535.D
 Acq On : 20 Jul 2022 20:34
 Operator : JC\MD
 Sample : N3779-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 070622-A

Quant Time: Jul 21 08:26:48 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	256338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	405272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	381117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	184190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	157317	42.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.020%
35) Dibromofluoromethane	7.957	113	131770	48.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	10.380	98	440921	46.042	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.080%
62) 4-Bromofluorobenzene	12.668	95	182735	49.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.300%

Target Compounds						Qvalue
3) Chloromethane	2.275	50	820	0.225	ug/l #	81
5) Bromomethane	2.834	94	336	0.230	ug/l #	2
6) Chloroethane	3.063	64	575	0.316	ug/l #	49
10) Methyl Iodide	4.351	142	393	3.819	ug/l #	44
11) Tert butyl alcohol	5.292	59	1568	1.749	ug/l #	72
13) Acrolein	4.010	56	146	0.258	ug/l #	16
14) Allyl chloride	4.728	41	5187	0.816	ug/l #	35
16) Acetone	4.228	43	131545	63.329	ug/l	99
17) Carbon Disulfide	4.463	76	27083	3.461	ug/l	100
18) Methyl Acetate	4.781	43	4233	0.727	ug/l #	60
20) Methylene Chloride	5.016	84	876	0.240	ug/l #	62
25) 2-Butanone	7.269	43	14225	4.301	ug/l	93
30) Chloroform	7.745	83	35401	5.726	ug/l	96
31) Cyclohexane	8.016	56	6236	1.029	ug/l #	20
36) 1,1-Dichloropropene	8.016	75	20880	5.033	ug/l #	50
37) Ethyl Acetate	7.269	43	14225	2.269	ug/l #	67
38) Carbon Tetrachloride	8.010	117	25582	5.963	ug/l #	15
40) Benzene	8.392	78	290099	22.657	ug/l	96
47) Bromodichloromethane	9.698	83	10187	2.374	ug/l #	80
51) 4-Methyl-2-Pentanone	10.269	43	2469	0.432	ug/l #	78
52) Toluene	10.445	92	189851	23.993	ug/l	100
55) 1,1,2-Trichloroethane	10.698	97	66760	20.494	ug/l #	19
56) Ethyl methacrylate	10.704	69	5119	0.972	ug/l #	11
58) 2-Chloroethyl Vinyl ether	10.004	63	1453	0.619	ug/l #	44
59) 2-Hexanone	11.033	43	2661	0.611	ug/l #	21
60) Dibromochloromethane	11.180	129	4106	1.322	ug/l	86
64) Tetrachloroethene	10.916	164	3171	1.019	ug/l	88
67) Ethyl Benzene	11.786	91	47927	3.063	ug/l	91
68) m/p-Xylenes	11.886	106	116046	19.650	ug/l	96
69) o-Xylene	12.221	106	84636	14.038	ug/l	97
70) Styrene	12.239	104	37480	4.027	ug/l #	69
73) Isopropylbenzene	12.515	105	4036	0.254	ug/l	98
76) 1,2,3-Trichloropropane	12.668	75	98515	20.455	ug/l #	1
78) n-propylbenzene	12.863	91	17048	0.965	ug/l	77
80) 1,3,5-Trimethylbenzene	12.998	105	41459	3.198	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.668	75	98515	56.097	ug/l #	12

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

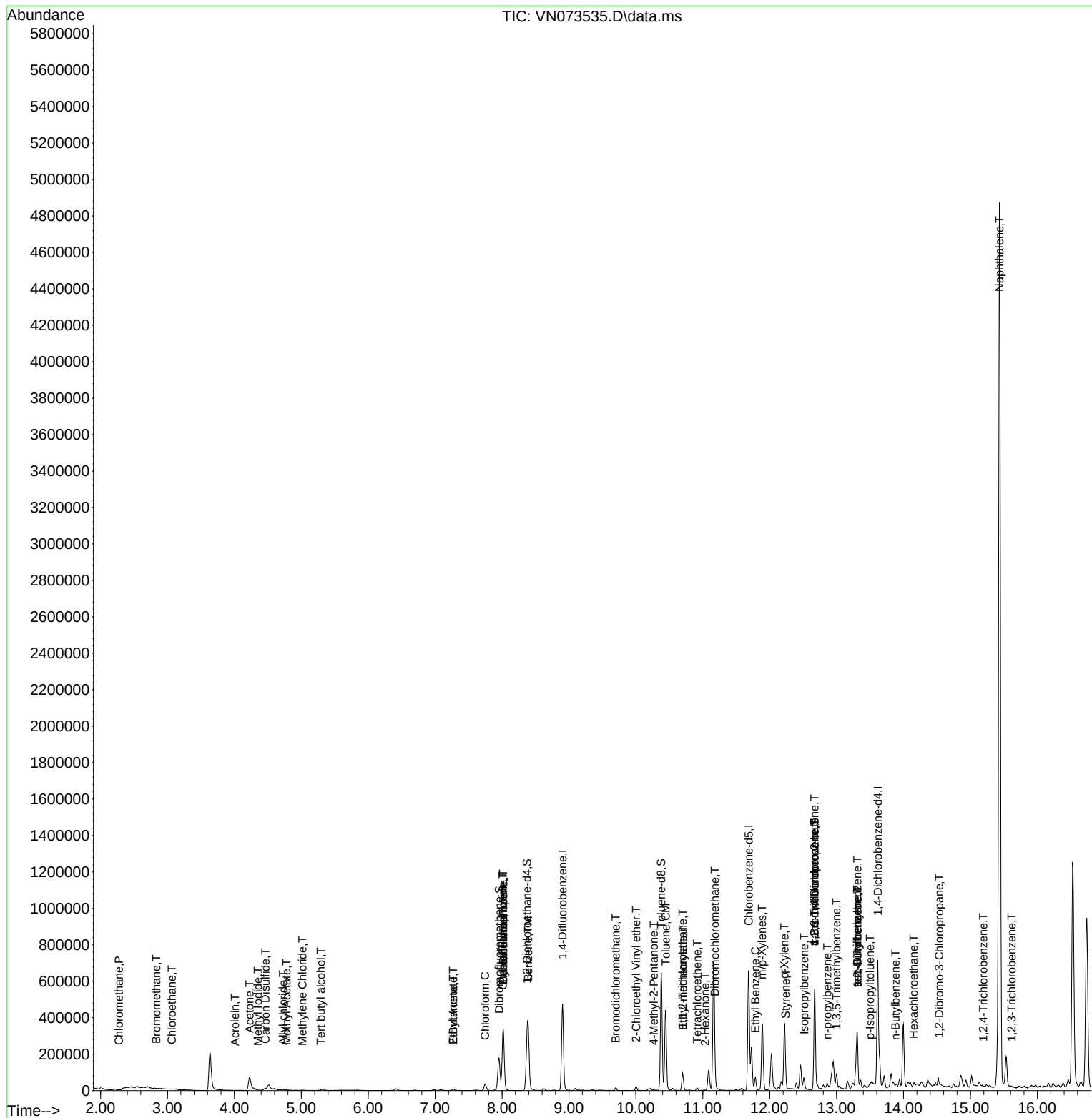
83) tert-Butylbenzene	13.310	119	18123	1.559	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.310	105	143882	11.116	ug/l	97
85) sec-Butylbenzene	13.310	105	143882	9.219	ug/l #	56
86) p-Isopropyltoluene	13.498	119	3653	0.290	ug/l	91
89) n-Butylbenzene	13.880	91	3006	0.286	ug/l #	80
90) Hexachloroethane	14.151	117	1829	0.778	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.533	75	730	0.569	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.192	180	1041	0.296	ug/l #	53
95) Naphthalene	15.433	128	4270088	300.801	ug/l	100
96) 1,2,3-Trichlorobenzene	15.615	180	1340	0.369	ug/l #	77

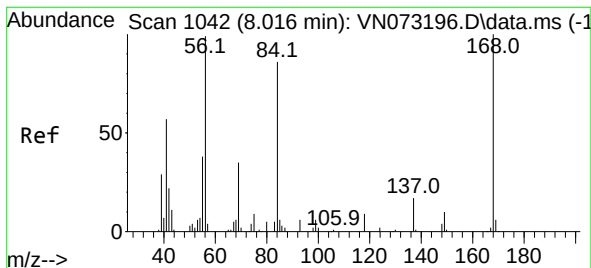
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN073535.D

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MSVOA_N

ClientSampleId :

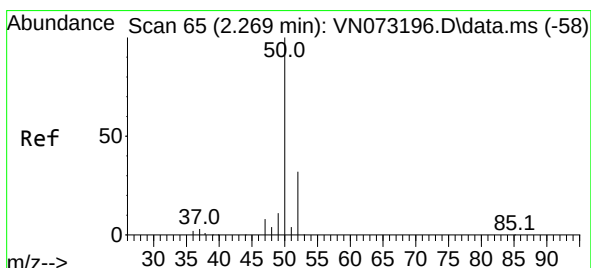
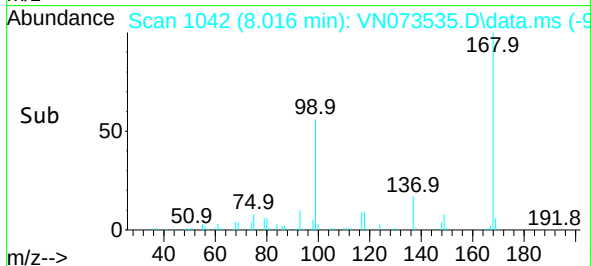
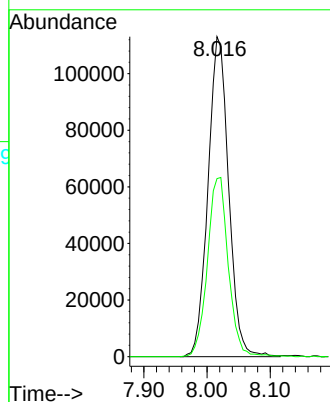
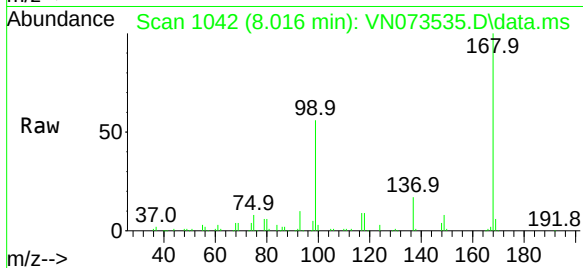
070622-A

Tgt Ion:168 Resp: 256338

Ion Ratio Lower Upper

168 100

99 55.6 42.3 63.5



#3

Chloromethane

Concen: 0.225 ug/l

RT: 2.275 min Scan# 66

Delta R.T. 0.006 min

Lab File: VN073535.D

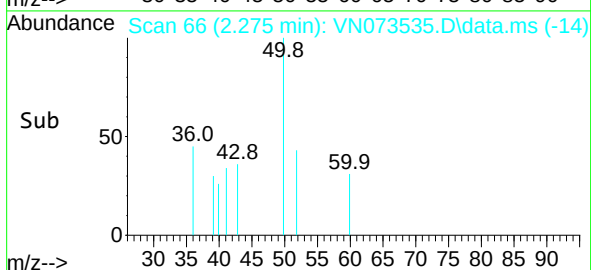
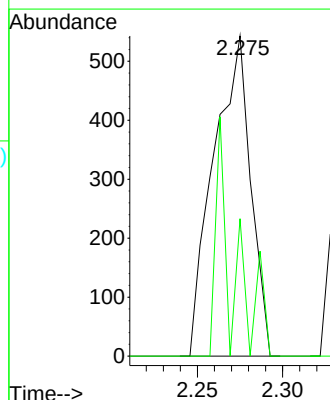
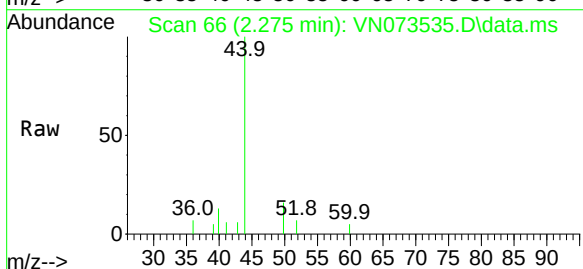
Acq: 20 Jul 2022 20:34

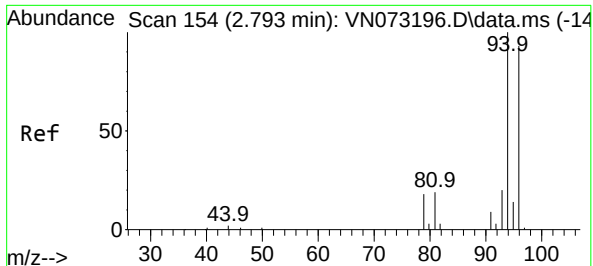
Tgt Ion: 50 Resp: 820

Ion Ratio Lower Upper

50 100

52 42.9 25.7 38.5#

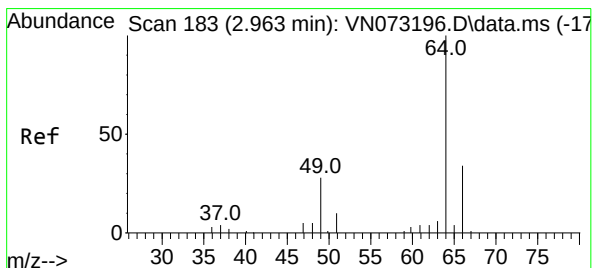
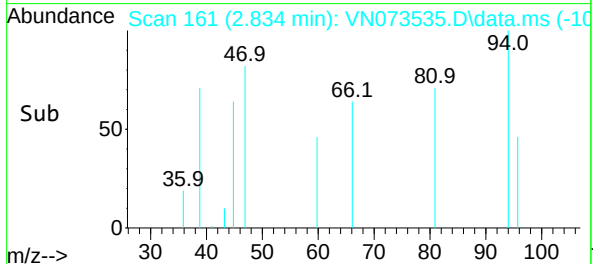
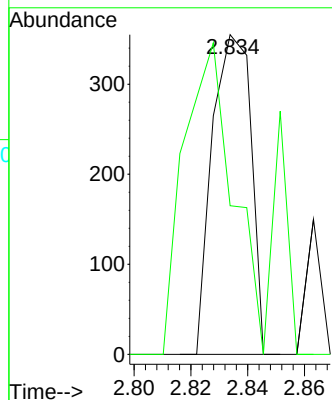
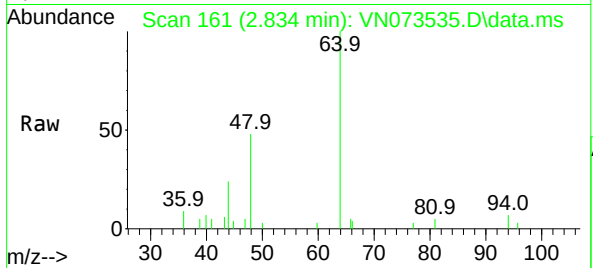




#5
Bromomethane
Concen: 0.230 ug/l
RT: 2.834 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

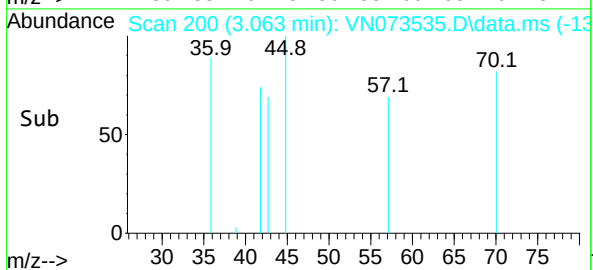
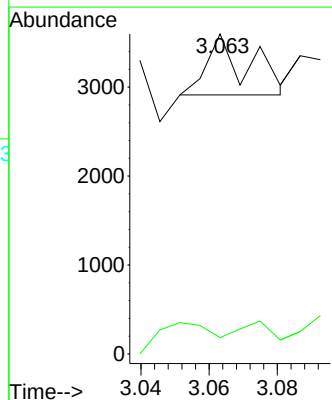
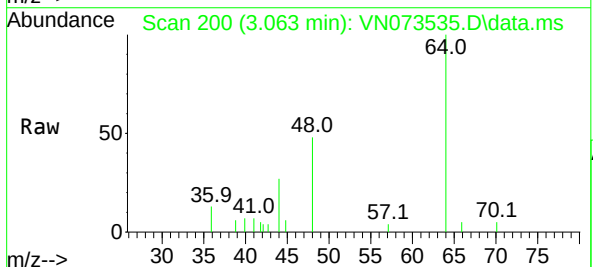
Instrument :
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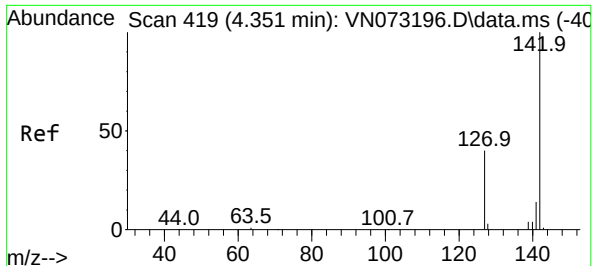
Tgt Ion: 94 Resp: 336
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 0.316 ug/l
RT: 3.063 min Scan# 200
Delta R.T. 0.100 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

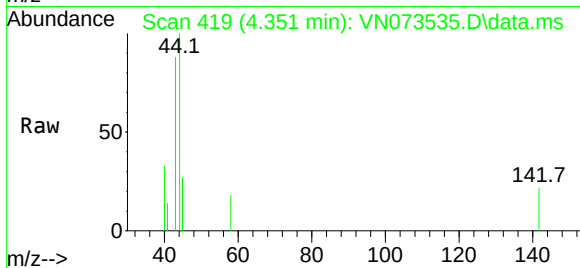
Tgt Ion: 64 Resp: 575
Ion Ratio Lower Upper
64 100
66 3.9 26.2 39.4#



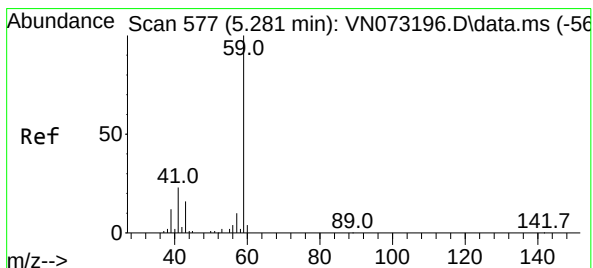
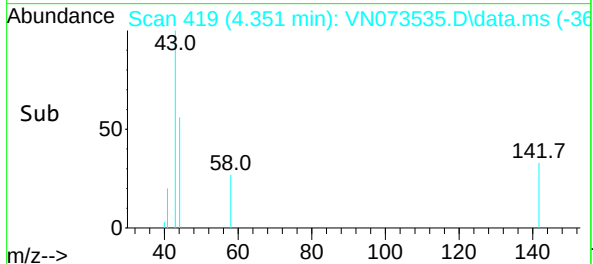
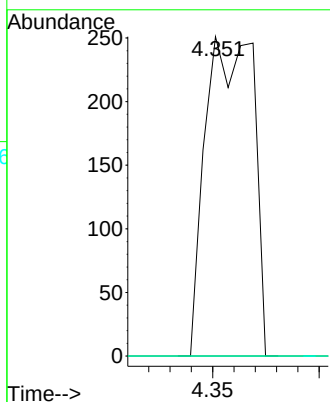


#10
Methyl Iodide
Concen: 3.819 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Instrument :
MSVOA_N
ClientSampleId :
070622-A

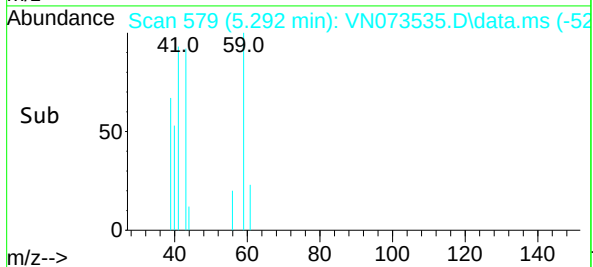
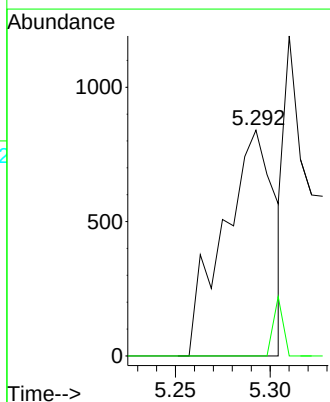
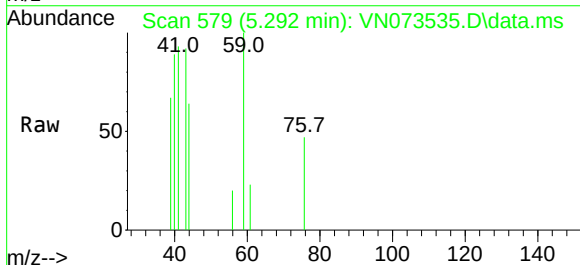


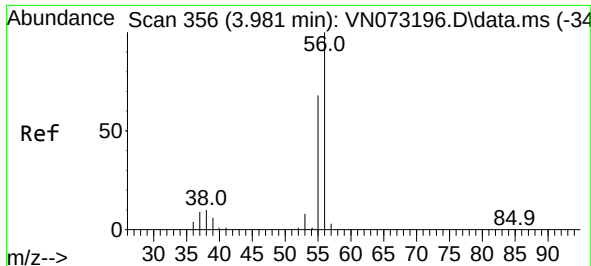
Tgt Ion:142 Resp: 393
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.749 ug/l
RT: 5.292 min Scan# 579
Delta R.T. 0.011 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion: 59 Resp: 1568
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.258 ug/l

RT: 4.010 min Scan# 3

Delta R.T. 0.029 min

Lab File: VN073535.D

Acq: 20 Jul 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

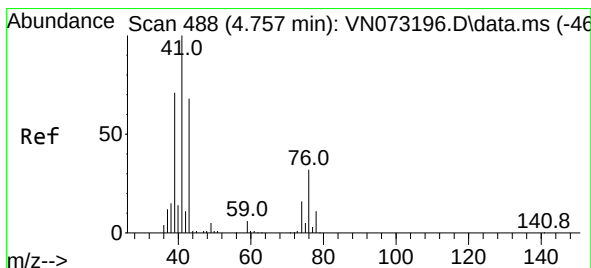
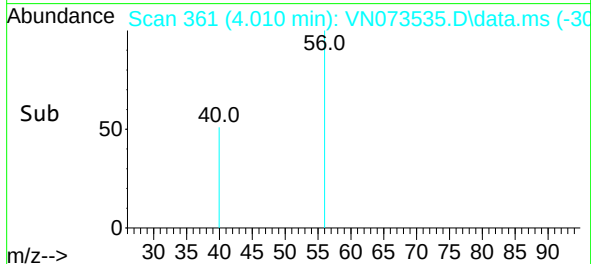
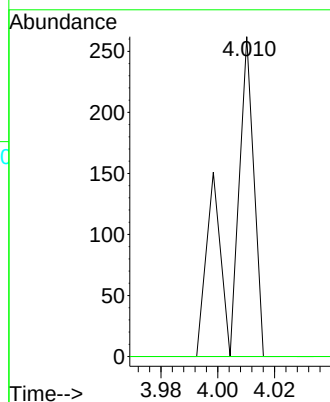
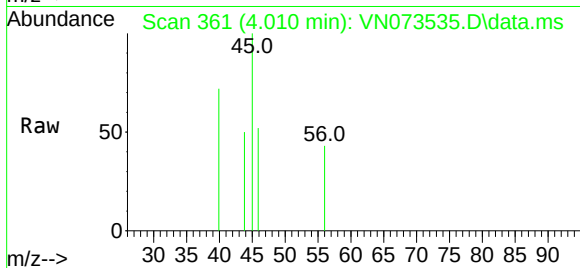
070622-A

Tgt Ion: 56 Resp: 146

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#



#14

Allyl chloride

Concen: 0.816 ug/l

RT: 4.728 min Scan# 483

Delta R.T. -0.029 min

Lab File: VN073535.D

Acq: 20 Jul 2022 20:34

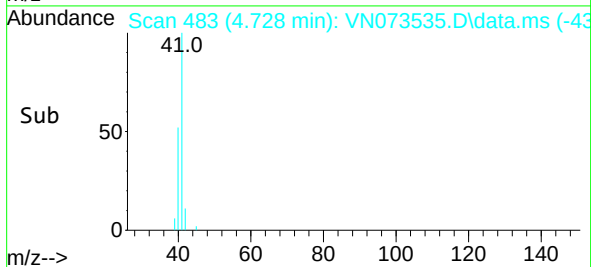
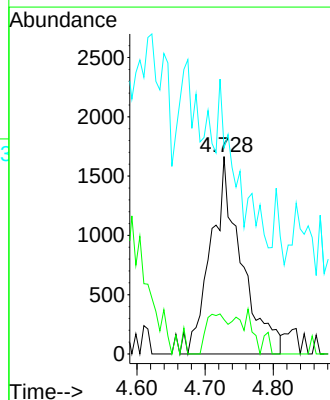
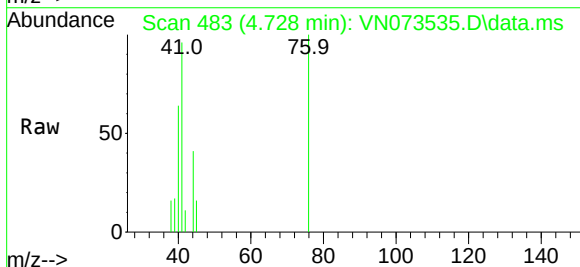
Tgt Ion: 41 Resp: 5187

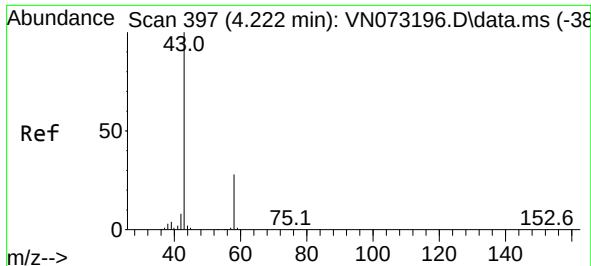
Ion Ratio Lower Upper

41 100

39 13.7 53.2 79.8#

76 0.0 29.9 44.9#





#16

Acetone

Concen: 63.329 ug/l

RT: 4.228 min Scan# 397

Delta R.T. 0.006 min

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Acq: 20 Jul 2022 20:34

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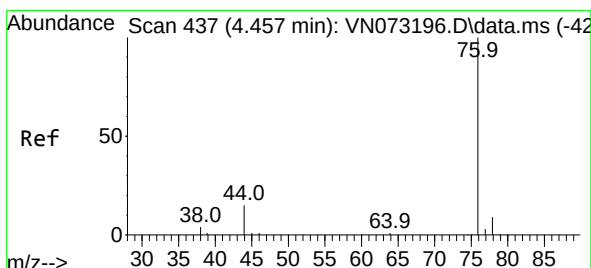
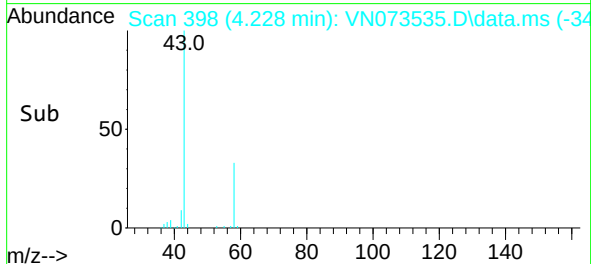
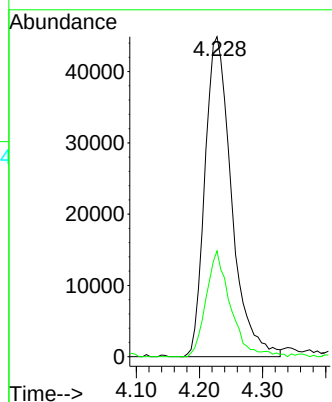
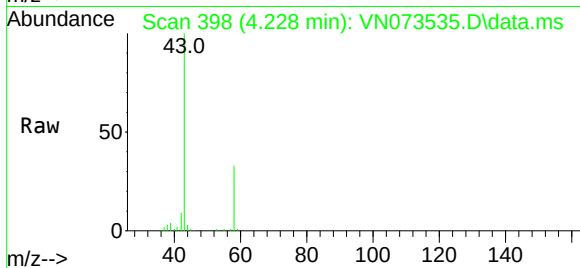
070622-A

Tgt Ion: 43 Resp: 131545

Ion Ratio Lower Upper

43 100

58 33.0 26.0 39.0



#17

Carbon Disulfide

Concen: 3.461 ug/l

RT: 4.463 min Scan# 438

Delta R.T. 0.006 min

Lab File: VN073535.D

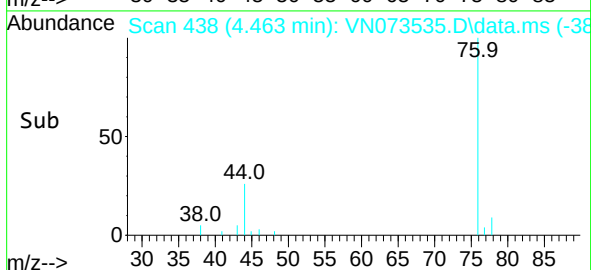
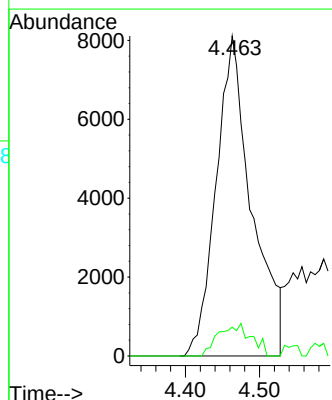
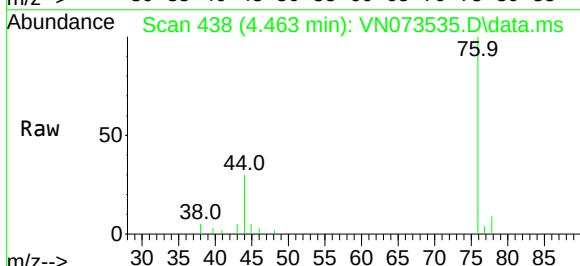
Acq: 20 Jul 2022 20:34

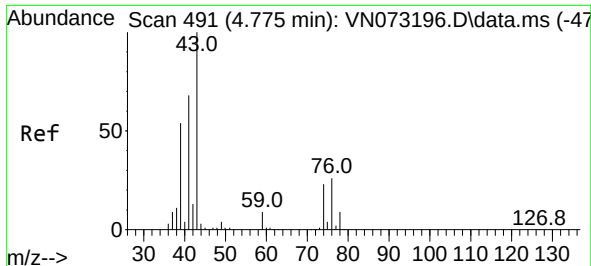
Tgt Ion: 76 Resp: 27083

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

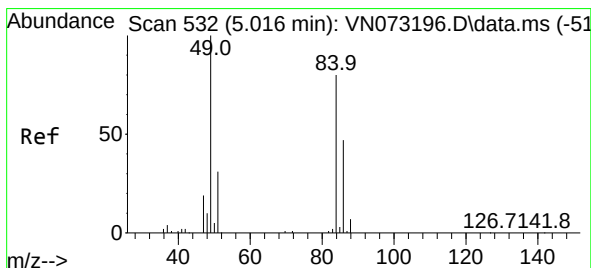
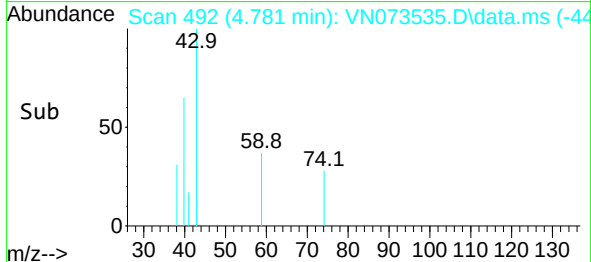
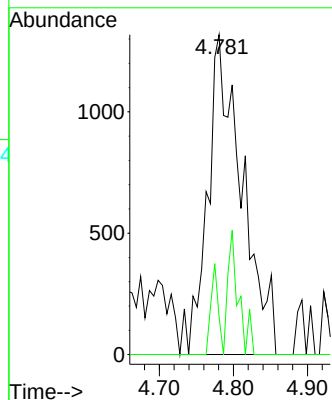
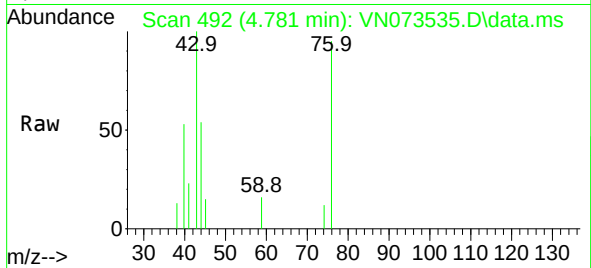




#18
Methyl Acetate
Concen: 0.727 ug/l
RT: 4.781 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

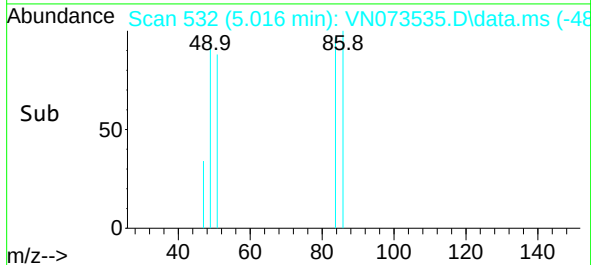
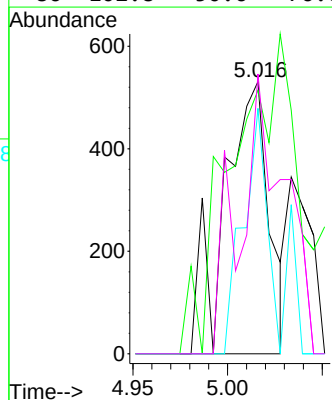
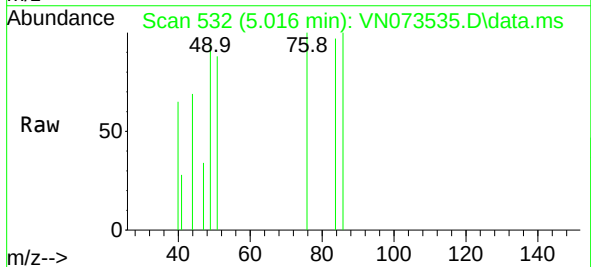
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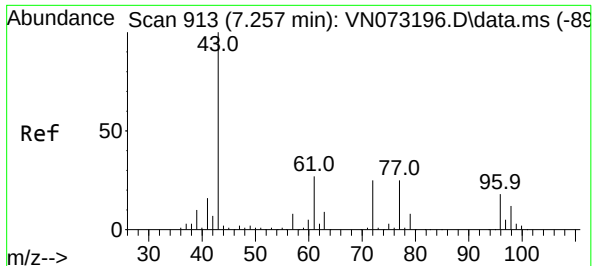
Tgt Ion: 43 Resp: 4233
Ion Ratio Lower Upper
43 100
74 6.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.240 ug/l
RT: 5.016 min Scan# 532
Delta R.T. -0.000 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion: 84 Resp: 876
Ion Ratio Lower Upper
84 100
49 96.8 88.3 132.5
51 90.2 28.2 42.2#
86 102.8 50.6 76.0#





#25

2-Butanone

Concen: 4.301 ug/l

RT: 7.269 min Scan# 913

Delta R.T. 0.012 min

Lab File: VN073535.D

Acq: 20 Jul 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

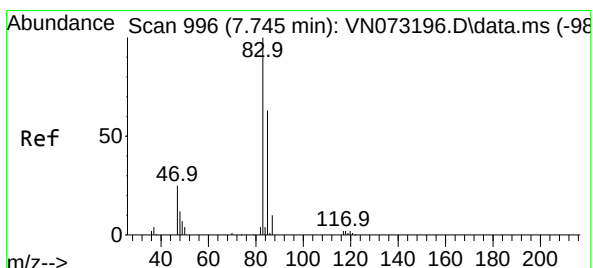
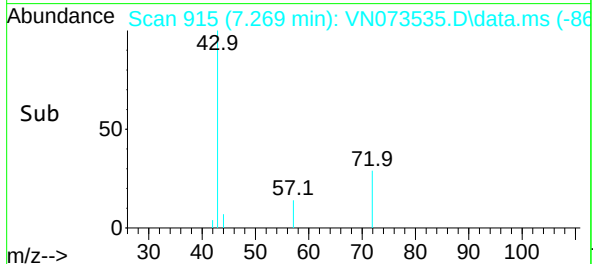
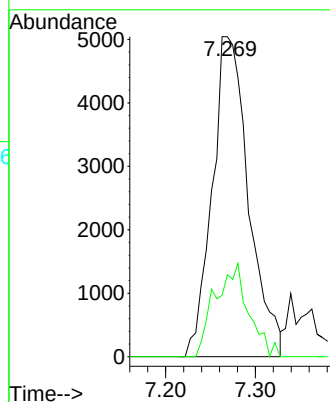
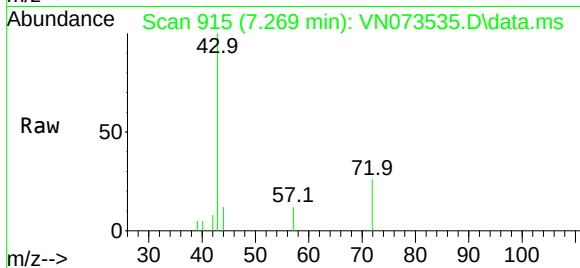
070622-A

Tgt Ion: 43 Resp: 14225

Ion Ratio Lower Upper

43 100

72 25.6 23.7 35.5



#30

Chloroform

Concen: 5.726 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073535.D

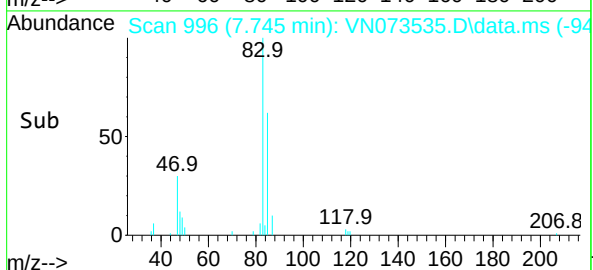
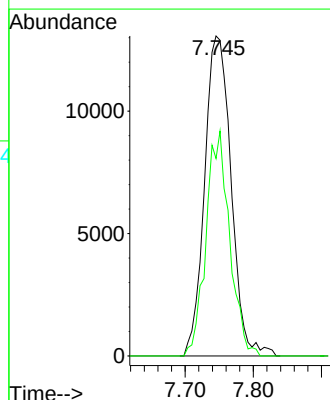
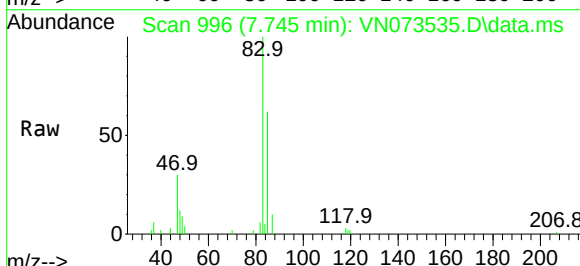
Acq: 20 Jul 2022 20:34

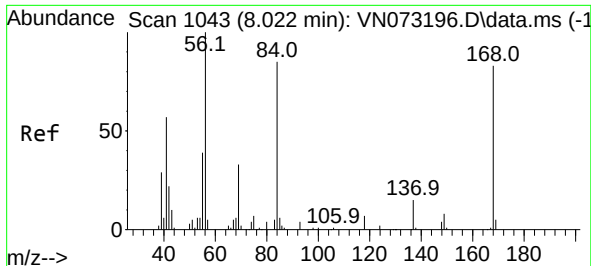
Tgt Ion: 83 Resp: 35401

Ion Ratio Lower Upper

83 100

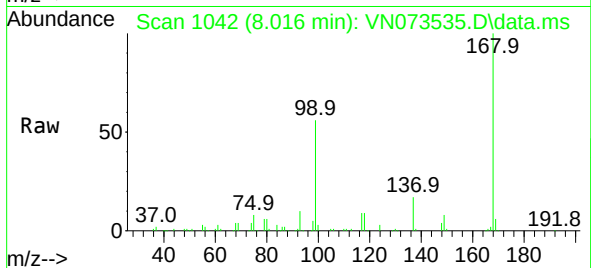
85 61.7 51.8 77.8



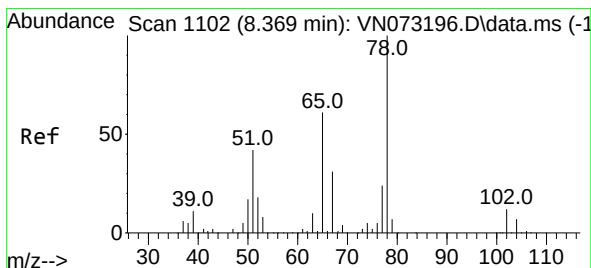
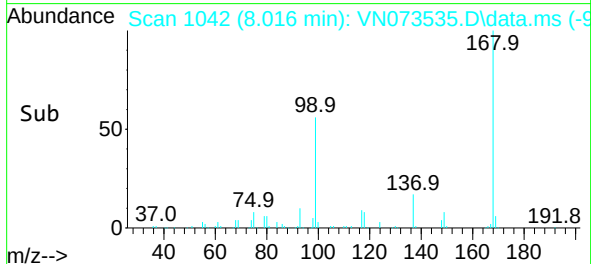
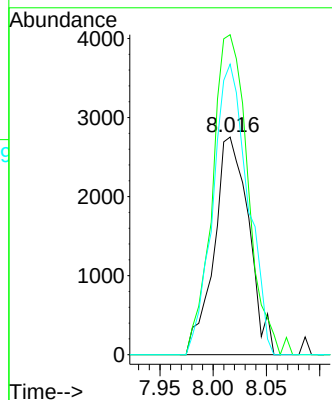


#31
Cyclohexane
Concen: 1.029 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Instrument :
MSVOA_N
ClientSampleId :
070622-A

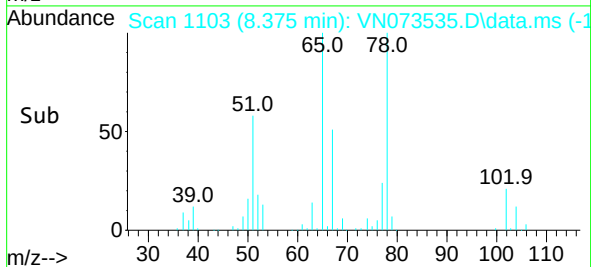
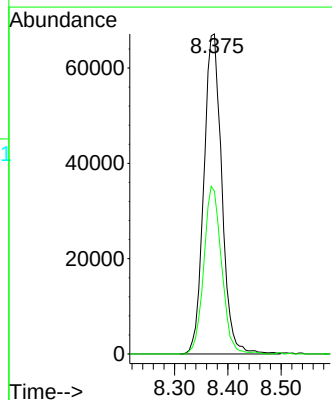
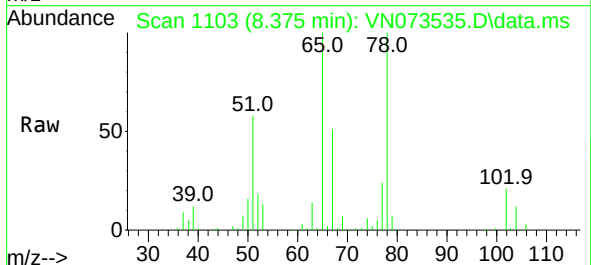


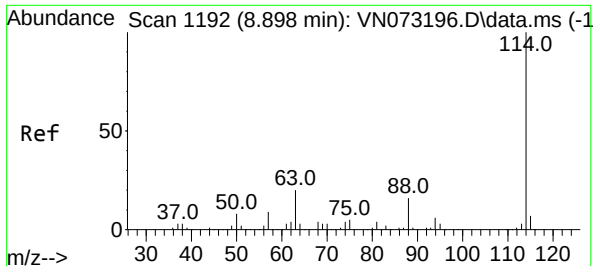
Tgt Ion: 56 Resp: 6236
Ion Ratio Lower Upper
56 100
69 147.1 27.8 41.8#
84 133.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 42.512 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion: 65 Resp: 157317
Ion Ratio Lower Upper
65 100
67 51.8 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: VN073535.D

Acq: 20 Jul 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

070622-A

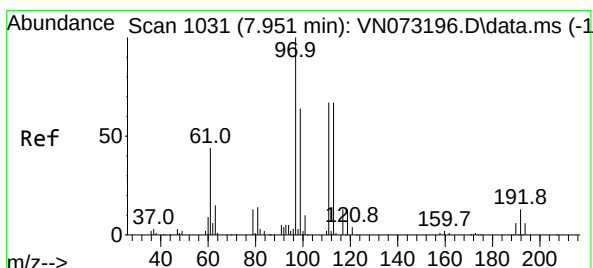
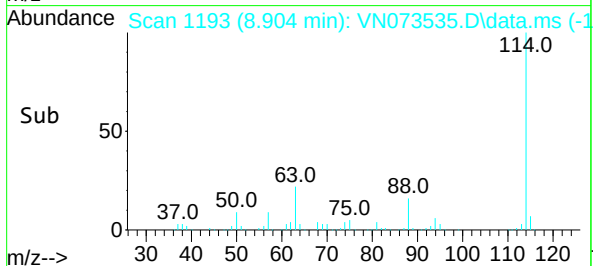
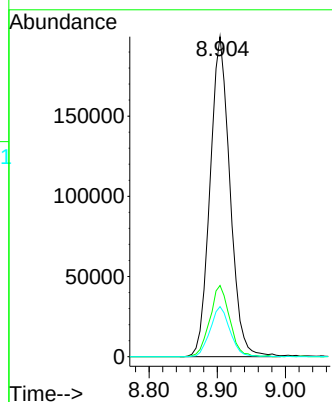
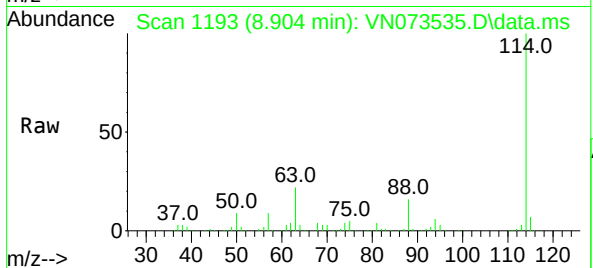
Tgt Ion:114 Resp: 405272

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.870 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073535.D

Acq: 20 Jul 2022 20:34

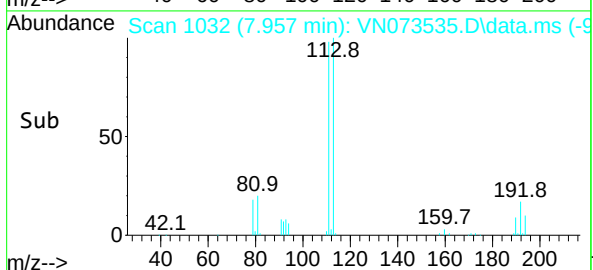
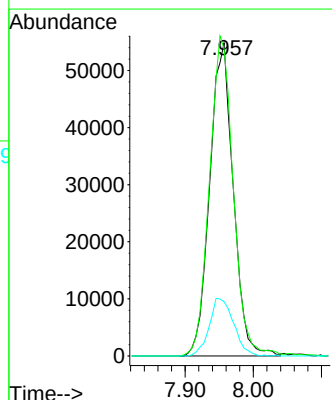
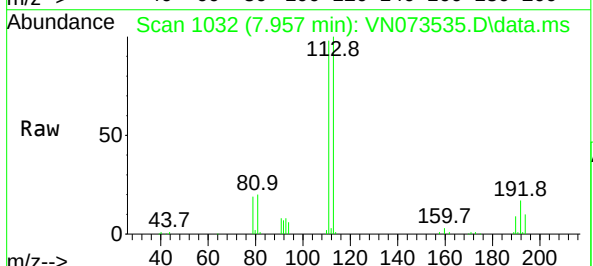
Tgt Ion:113 Resp: 131770

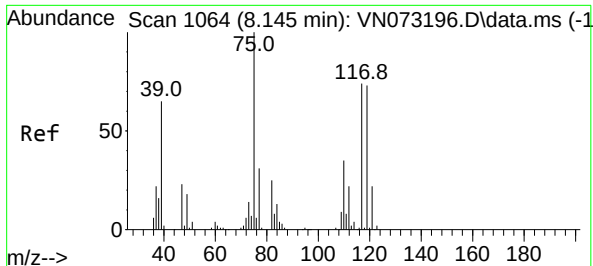
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 19.1 17.0 25.6

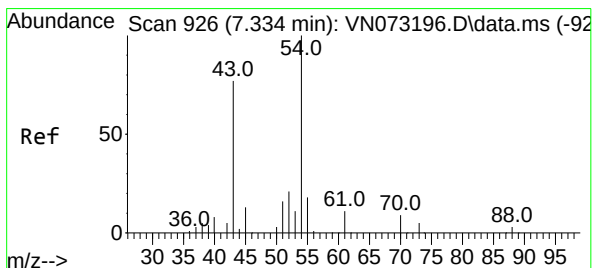
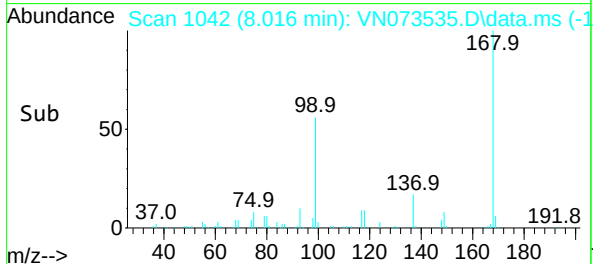
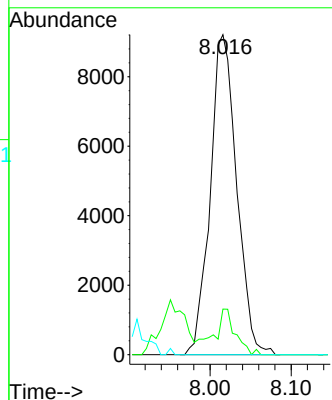
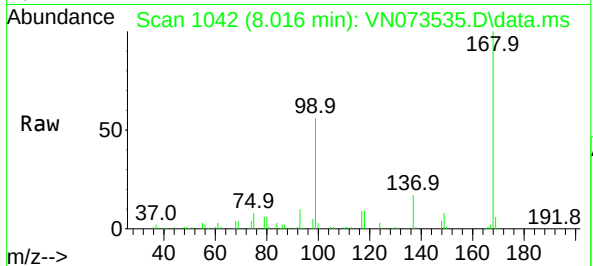




#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

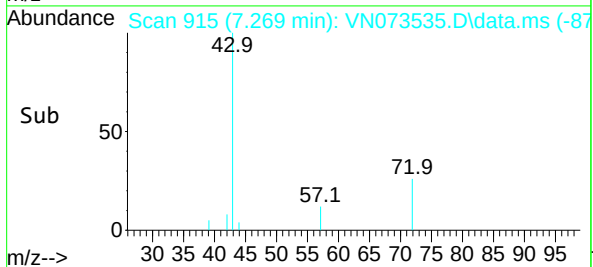
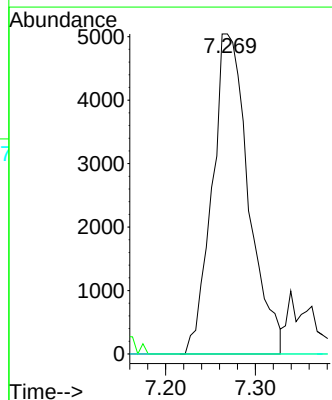
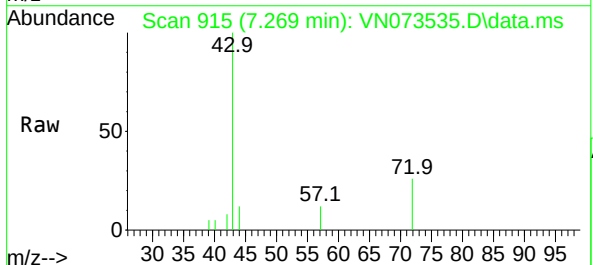
Instrument :
MSVOA_N
ClientSampleId :
070622-A

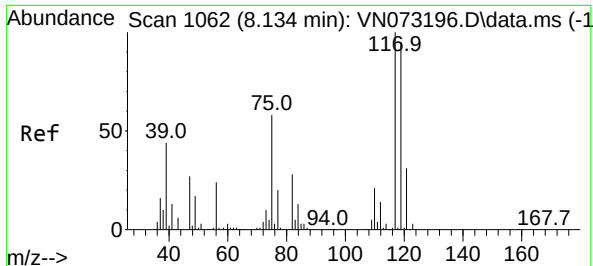
Tgt Ion: 75 Resp: 20880
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.269 ug/l
RT: 7.269 min Scan# 915
Delta R.T. -0.065 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion: 43 Resp: 14225
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

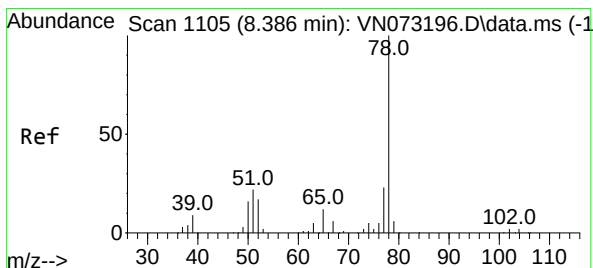
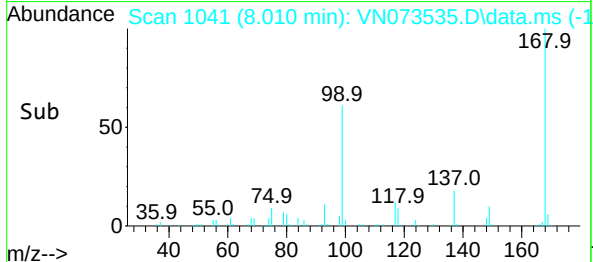
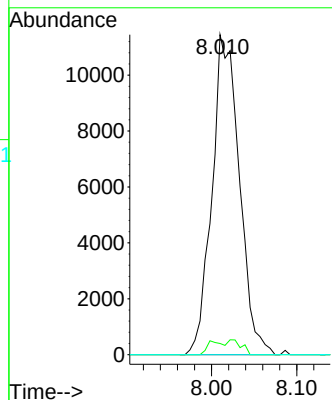
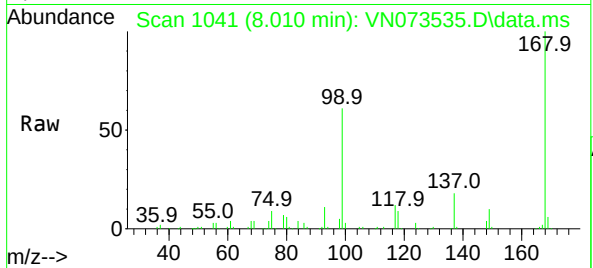




#38
Carbon Tetrachloride
Concen: 5.963 ug/l
RT: 8.010 min Scan# 1106
Delta R.T. -0.124 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

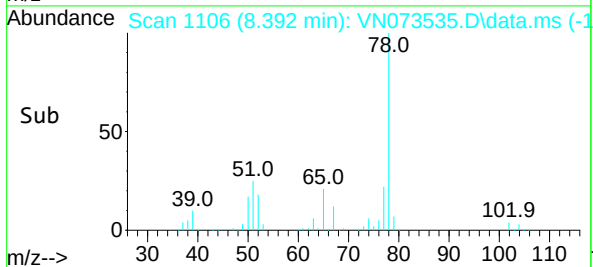
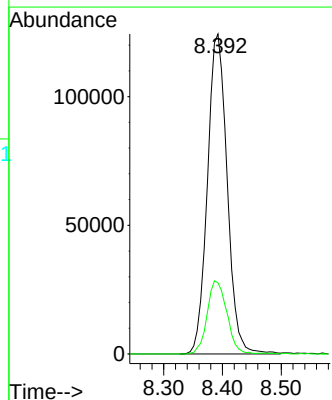
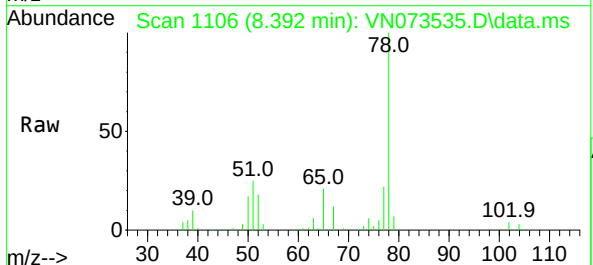
Instrument :
MSVOA_N
ClientSampleId :
070622-A

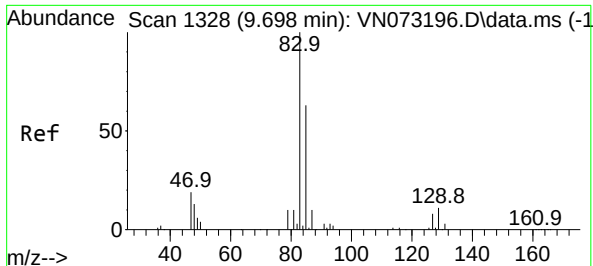
Tgt Ion:117 Resp: 25582
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 22.657 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion: 78 Resp: 290099
Ion Ratio Lower Upper
78 100
77 22.2 19.4 29.0

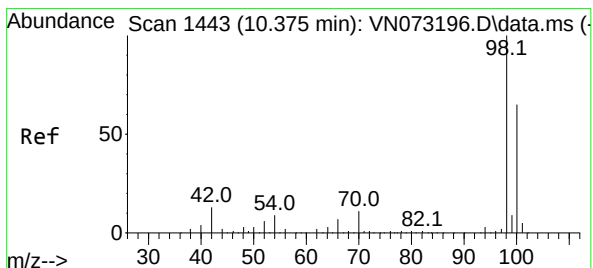
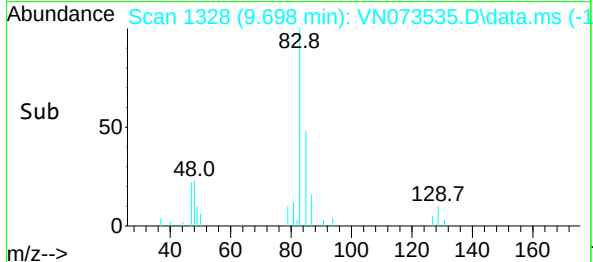
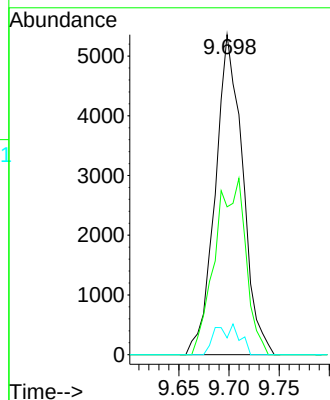
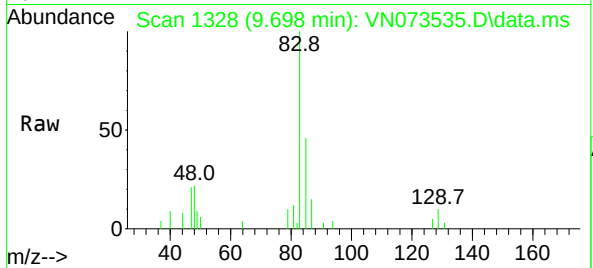




#47
Bromodichloromethane
Concen: 2.374 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

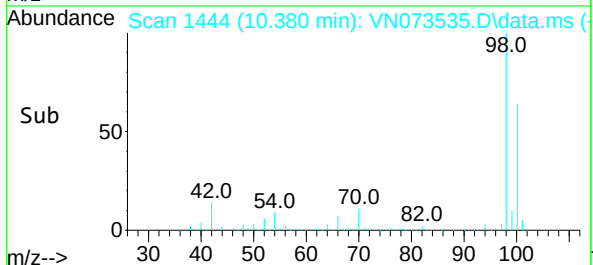
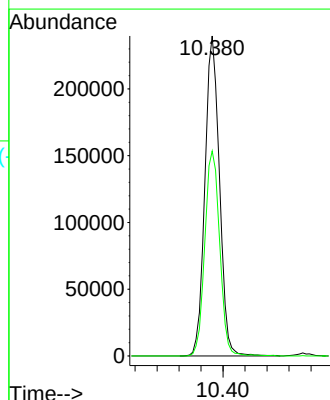
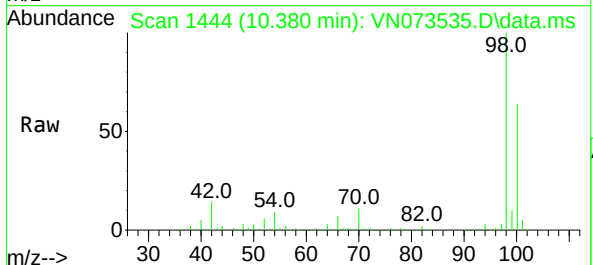
Instrument :
MSVOA_N
ClientSampleId :
070622-A

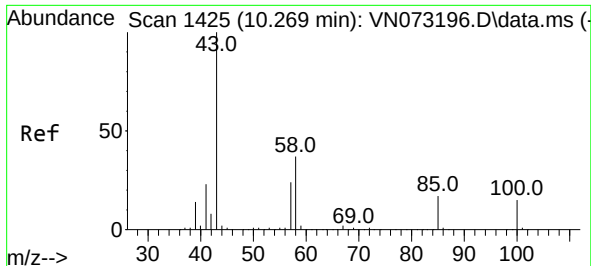
Tgt Ion: 83 Resp: 10187
Ion Ratio Lower Upper
83 100
85 46.2 50.5 75.7#
127 5.2 6.8 10.2#



#50
Toluene-d8
Concen: 46.042 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion: 98 Resp: 440921
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

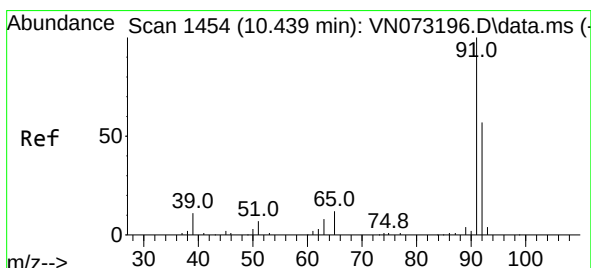
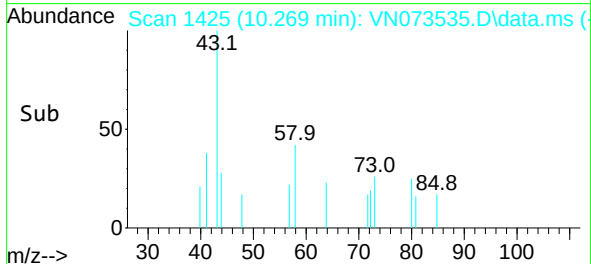
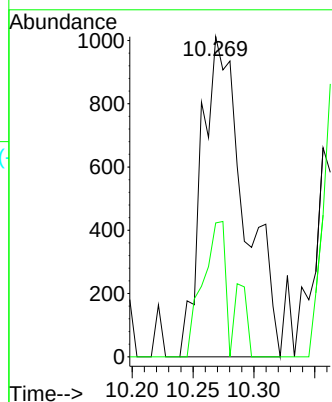
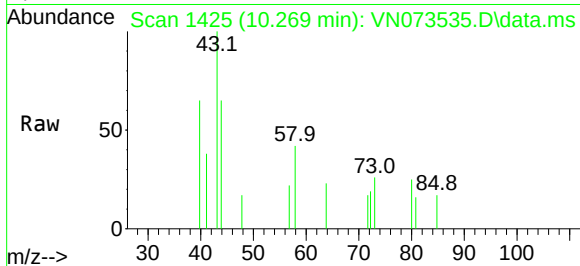




#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

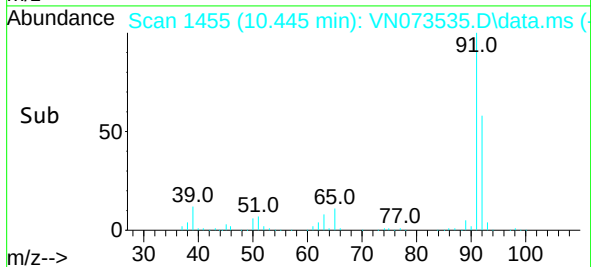
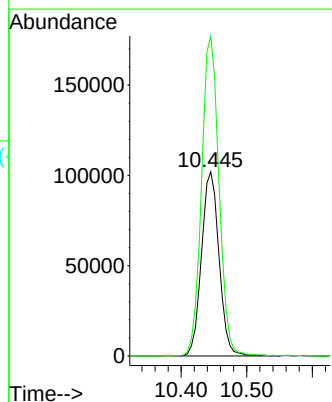
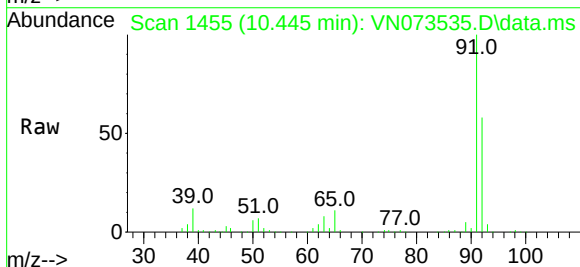
Instrument :
MSVOA_N
ClientSampleId :
070622-A

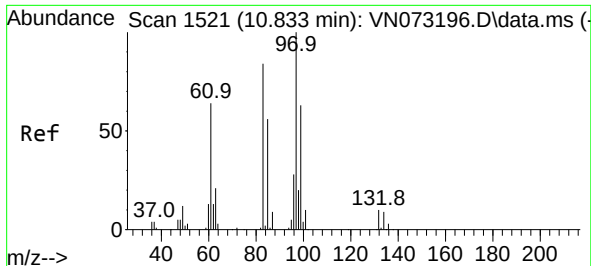
Tgt Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
58 28.5 34.1 51.1#



#52
Toluene
Concen: 23.993 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion: 92 Resp: 189851
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8

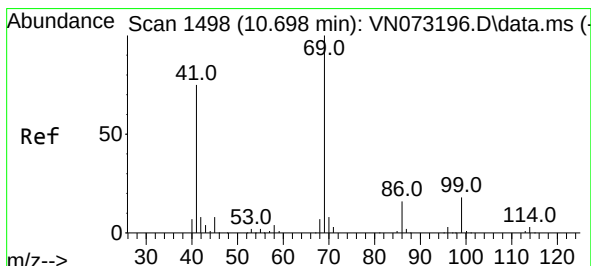
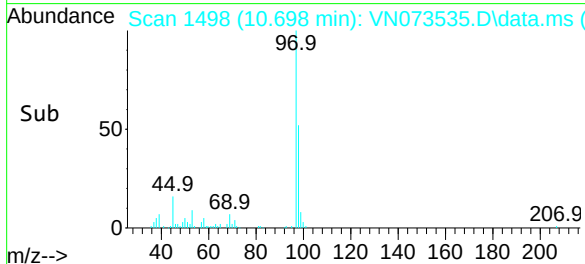
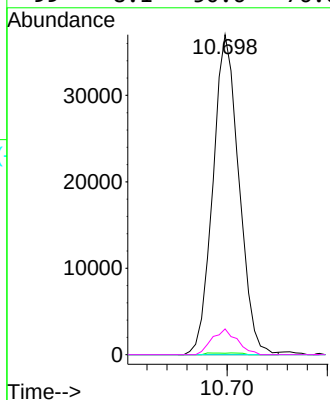
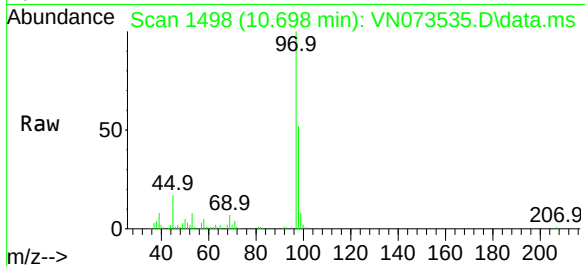




#55
1,1,2-Trichloroethane
Concen: 20.494 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.135 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

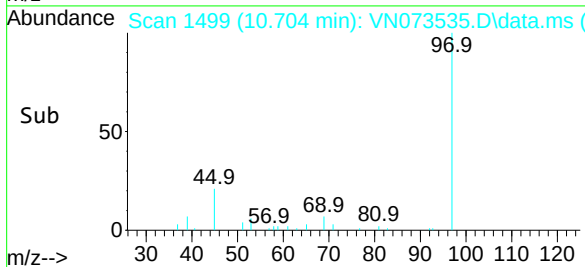
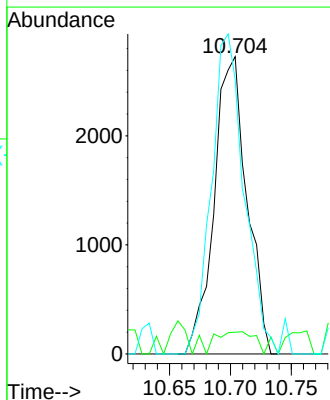
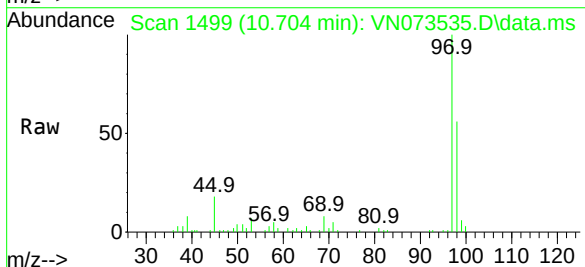
Instrument :
MSVOA_N
ClientSampleId :
070622-A

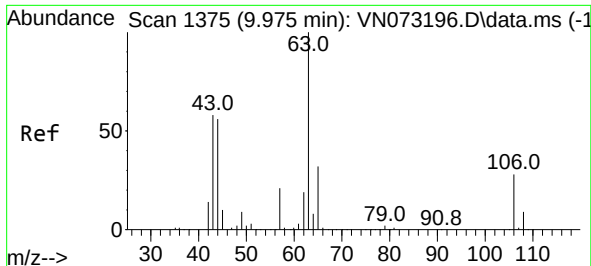
Tgt Ion: 97	Resp: 66760
Ion Ratio	Lower Upper
97 100	
83 0.5	66.2 99.4#
85 0.0	43.9 65.9#
99 8.1	50.6 76.0#



#56
Ethyl methacrylate
Concen: 0.972 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion: 69	Resp: 5119
Ion Ratio	Lower Upper
69 100	
41 8.7	47.8 71.6#
39 107.1	27.3 40.9#

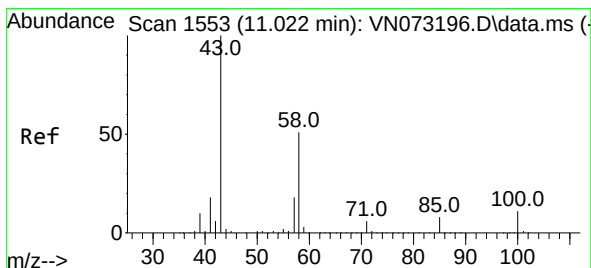
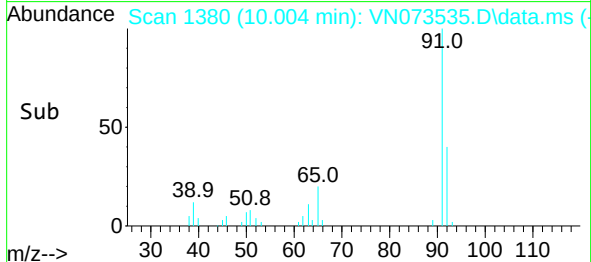
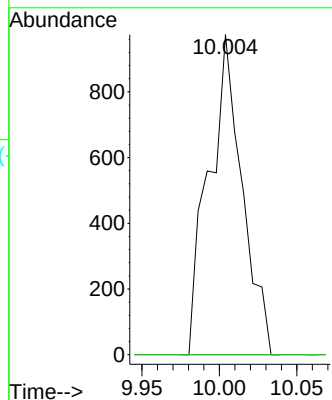
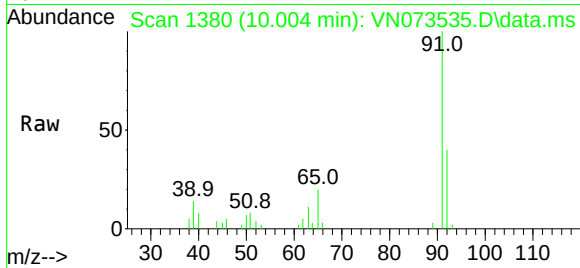




#58
2-Chloroethyl Vinyl ether
Concen: 0.619 ug/l
RT: 10.004 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

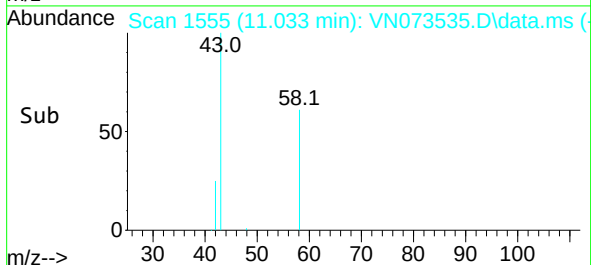
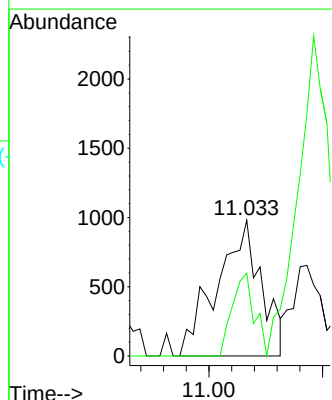
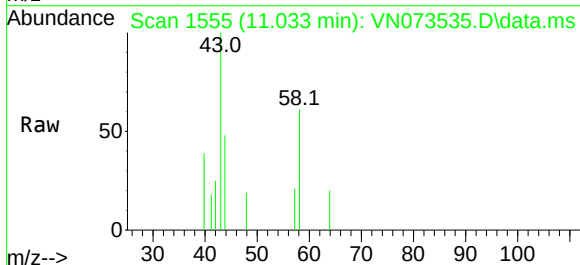
Instrument :
MSVOA_N
ClientSampleId :
070622-A

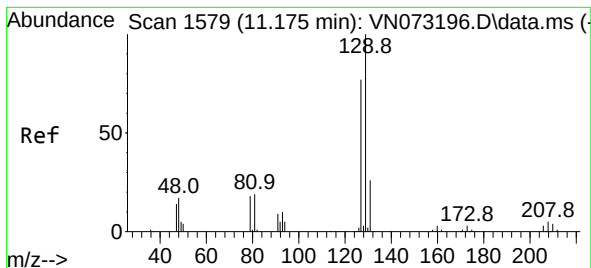
Tgt Ion: 63 Resp: 1453
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 0.611 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.011 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion: 43 Resp: 2661
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#





#60

Dibromochloromethane

Concen: 1.322 ug/l

RT: 11.180 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN073535.D

Acq: 20 Jul 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

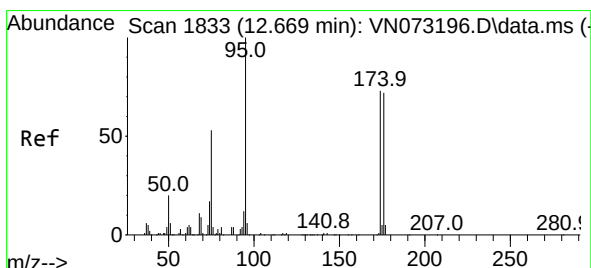
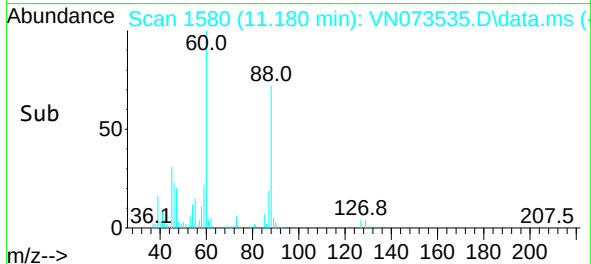
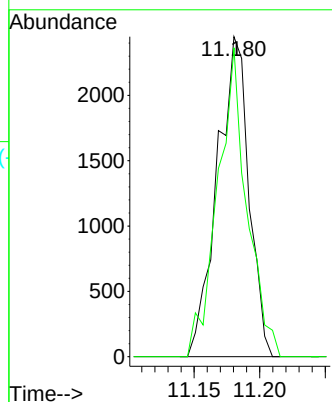
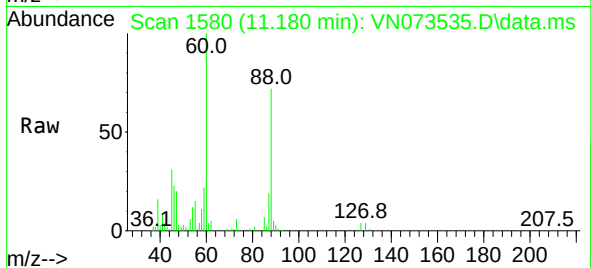
070622-A

Tgt Ion:129 Resp: 4106

Ion Ratio Lower Upper

129 100

127 89.6 38.8 116.4



#62

4-Bromofluorobenzene

Concen: 49.654 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.001 min

Lab File: VN073535.D

Acq: 20 Jul 2022 20:34

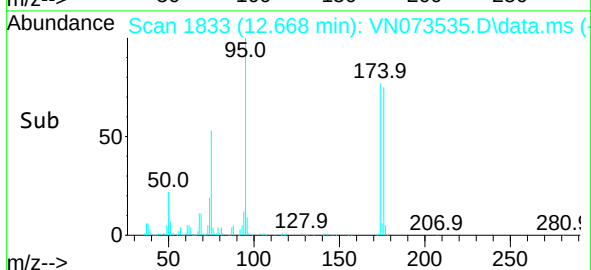
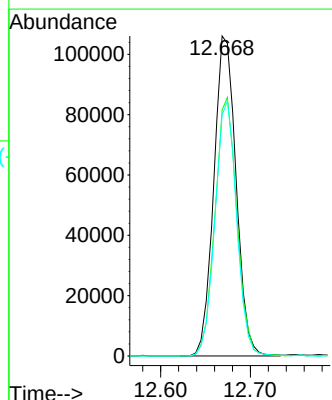
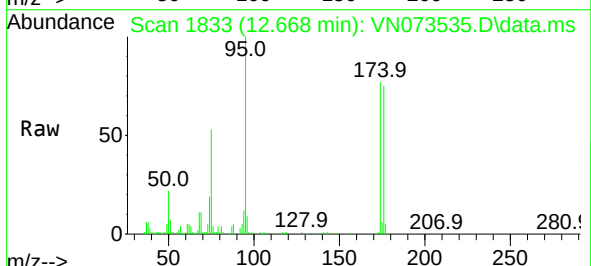
Tgt Ion: 95 Resp: 182735

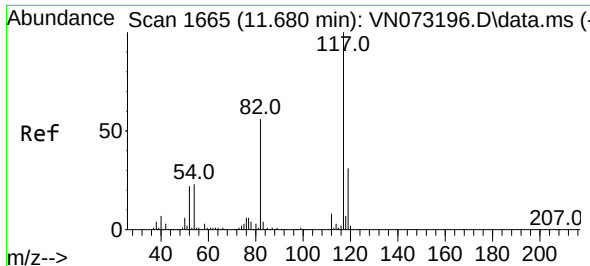
Ion Ratio Lower Upper

95 100

174 79.5 0.0 167.6

176 77.2 0.0 163.4

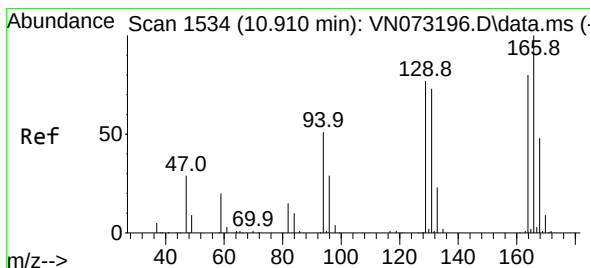
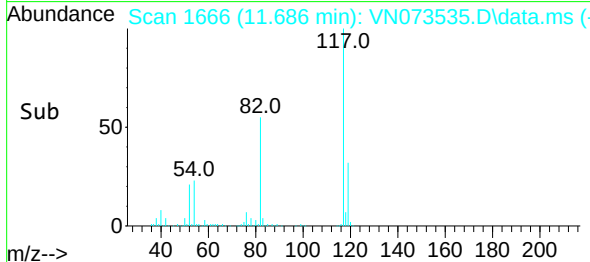
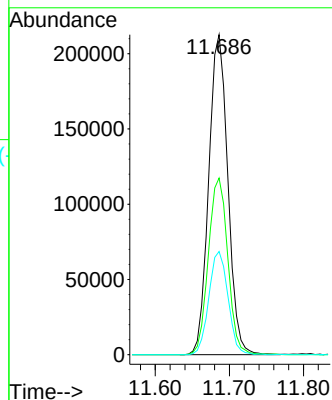
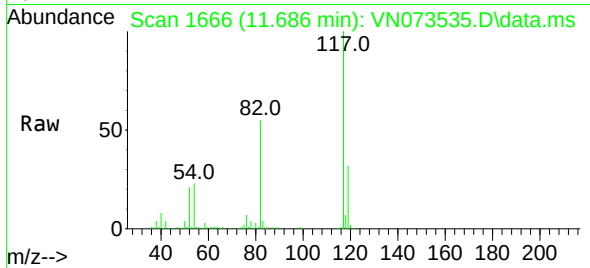




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

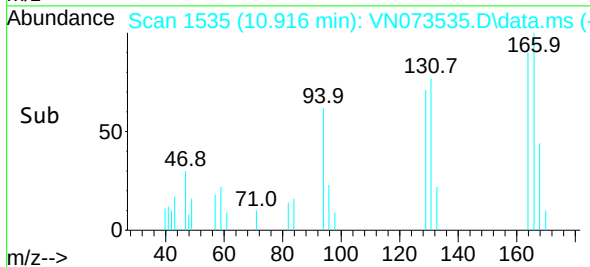
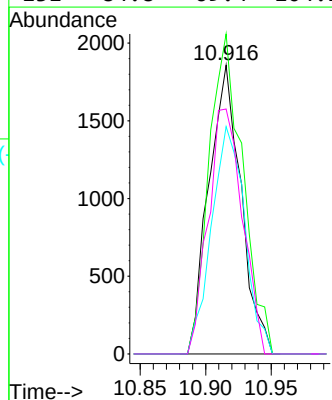
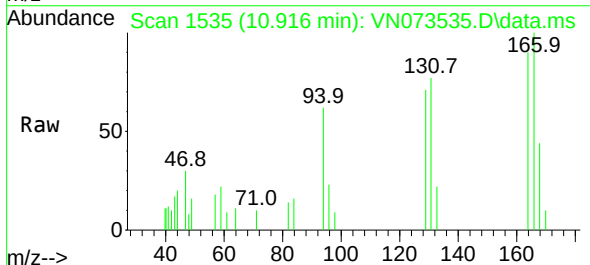
Instrument :
MSVOA_N
ClientSampleId :
070622-A

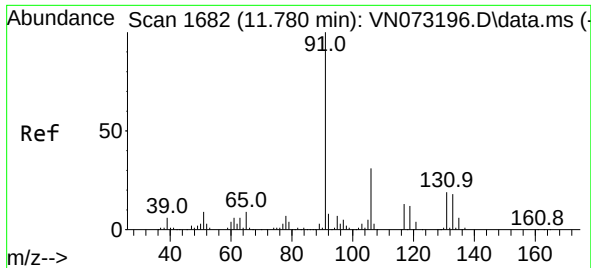
Tgt Ion:117 Resp: 381117
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 1.019 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion:164 Resp: 3171
Ion Ratio Lower Upper
164 100
166 110.8 104.2 156.2
129 78.7 73.9 110.9
131 84.8 69.4 104.2

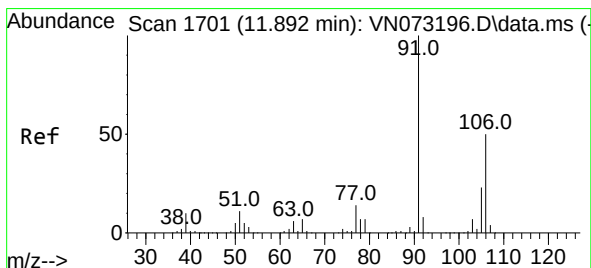
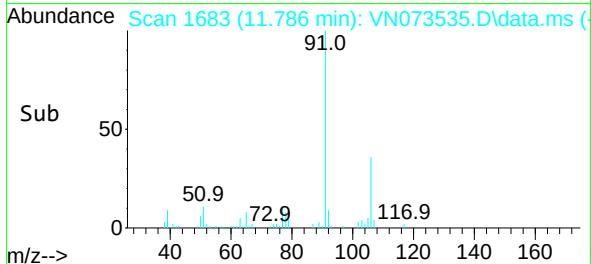
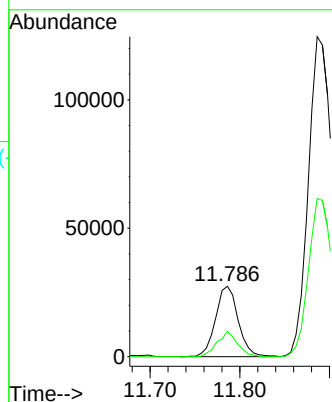
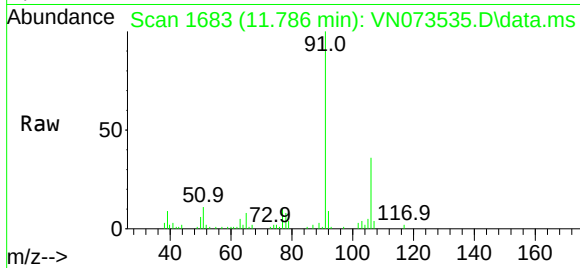




#67
Ethyl Benzene
Concen: 3.063 ug/l
RT: 11.786 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

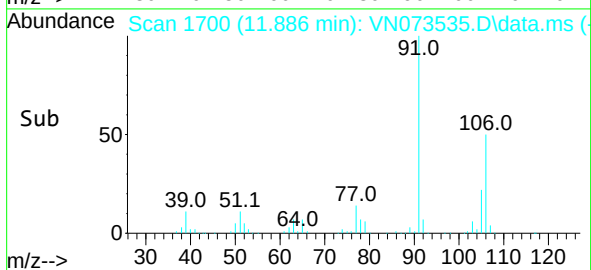
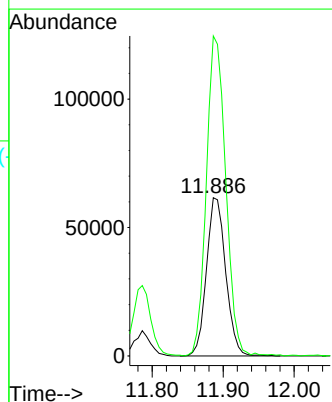
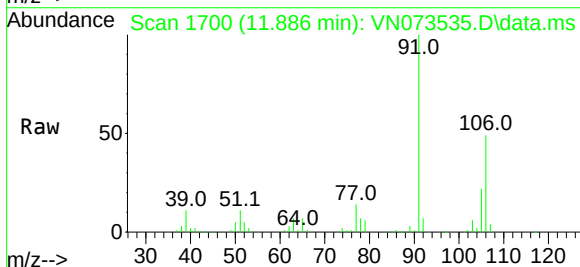
Instrument :
MSVOA_N
ClientSampleId :
070622-A

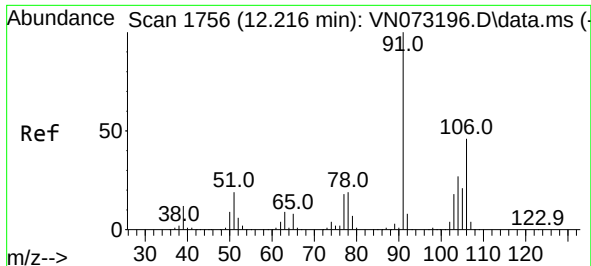
Tgt Ion: 91 Resp: 47927
Ion Ratio Lower Upper
91 100
106 36.0 24.9 37.3



#68
m/p-Xylenes
Concen: 19.650 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion:106 Resp: 116046
Ion Ratio Lower Upper
106 100
91 204.2 158.9 238.3

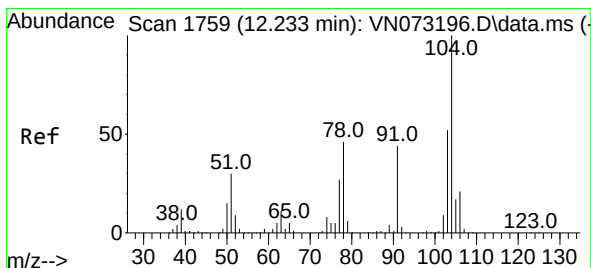
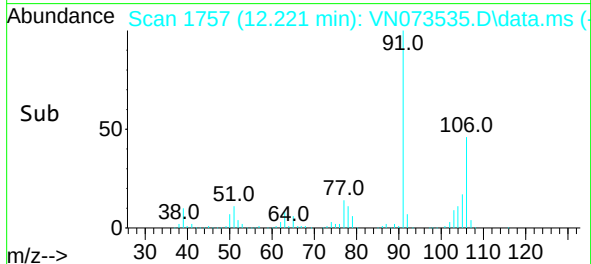
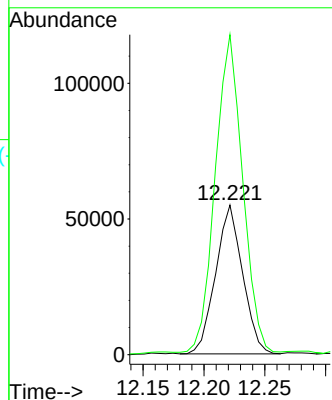
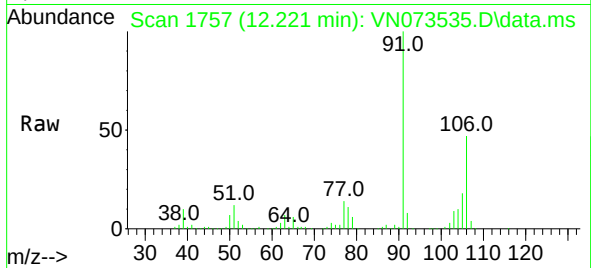




#69
o-Xylene
Concen: 14.038 ug/l
RT: 12.221 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

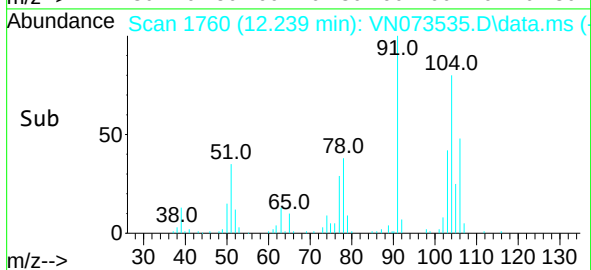
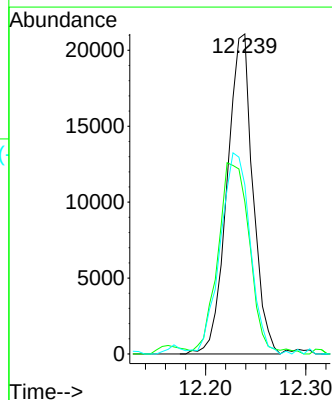
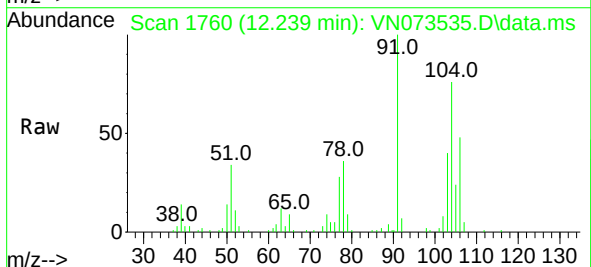
Instrument :
MSVOA_N
ClientSampleId :
070622-A

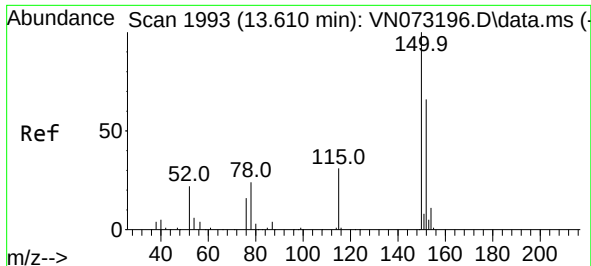
Tgt Ion:106 Resp: 84636
Ion Ratio Lower Upper
106 100
91 216.1 106.0 318.0



#70
Styrene
Concen: 4.027 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion:104 Resp: 37480
Ion Ratio Lower Upper
104 100
78 74.0 39.5 59.3#
103 73.6 44.0 66.0#

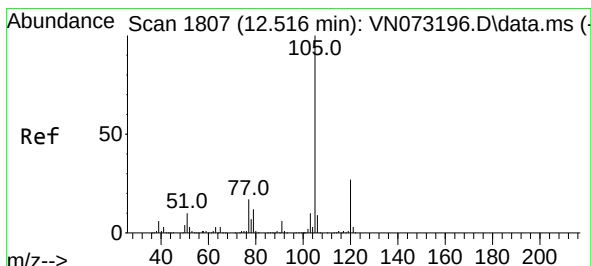
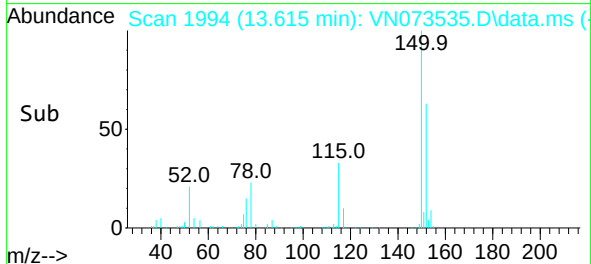
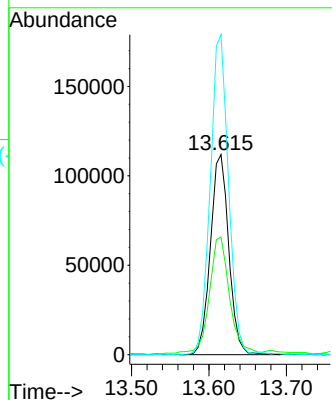
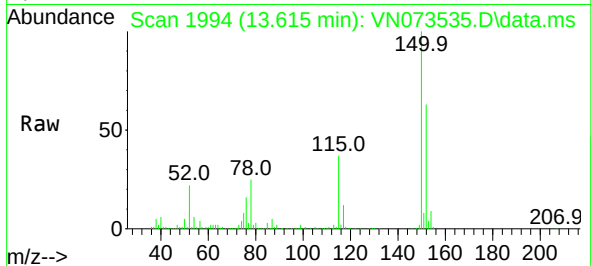




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

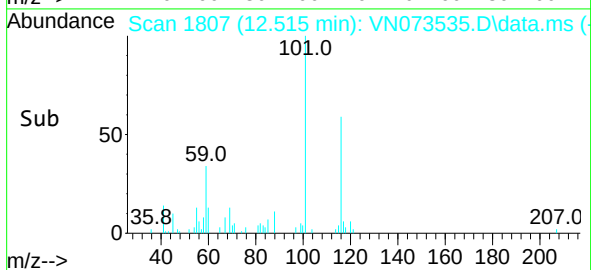
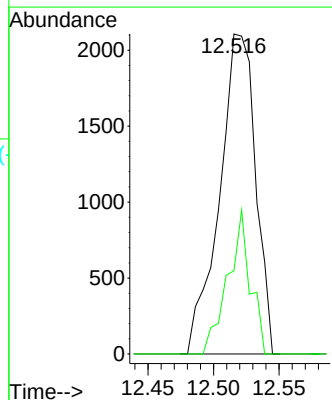
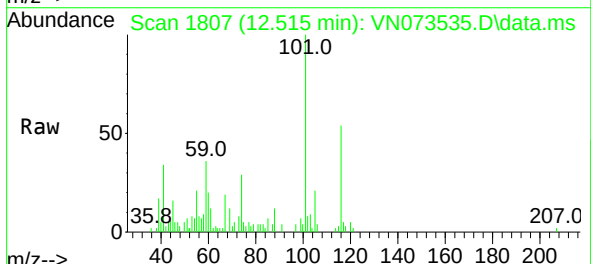
Instrument :
MSVOA_N
ClientSampleId :
070622-A

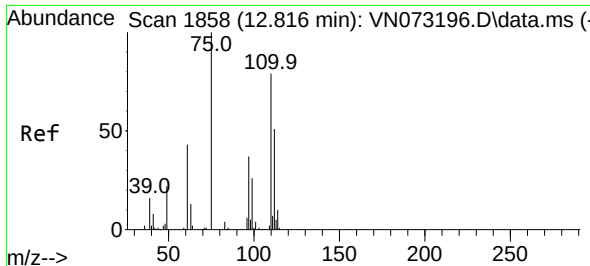
Tgt Ion:152 Resp: 184190
Ion Ratio Lower Upper
152 100
115 65.4 28.9 86.7
150 158.4 0.0 356.2



#73
Isopropylbenzene
Concen: 0.254 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion:105 Resp: 4036
Ion Ratio Lower Upper
105 100
120 27.9 13.5 40.4

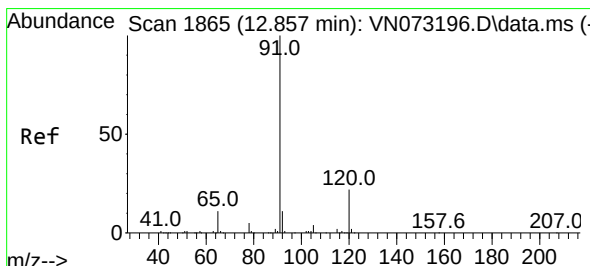
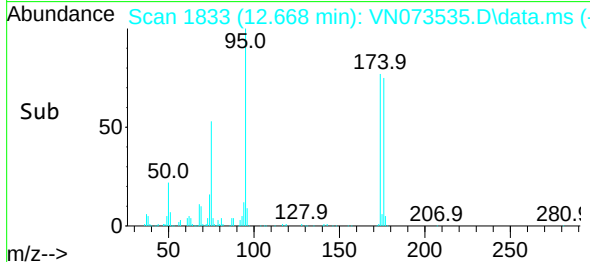
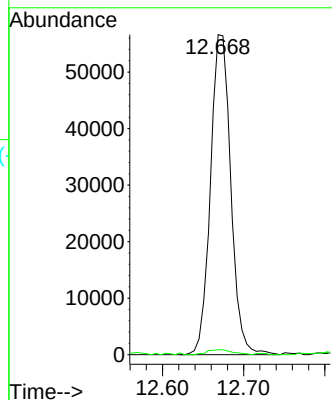
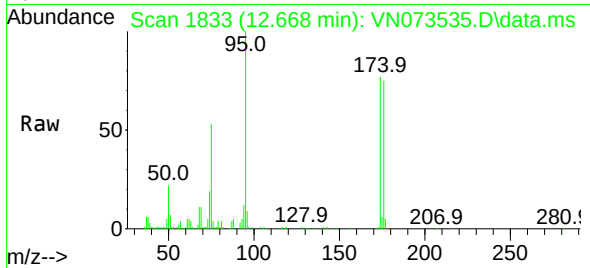




#76
1,2,3-Trichloropropane
Concen: 20.455 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

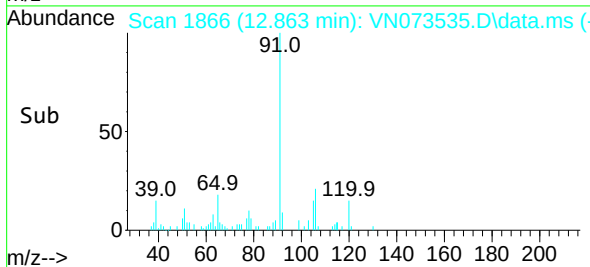
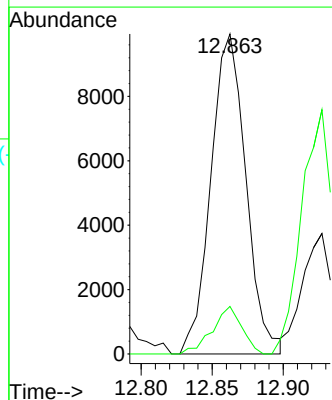
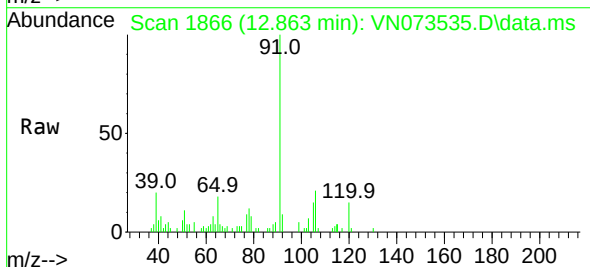
Instrument :
MSVOA_N
ClientSampleId :
070622-A

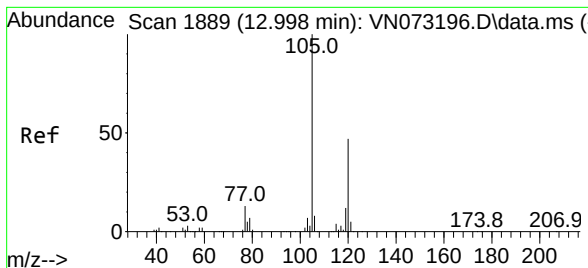
Tgt Ion: 75 Resp: 98515
Ion Ratio Lower Upper
75 100
77 2.0 98.5 295.5#



#78
n-propylbenzene
Concen: 0.965 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion: 91 Resp: 17048
Ion Ratio Lower Upper
91 100
120 12.6 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 3.198 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073535.D

Acq: 20 Jul 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

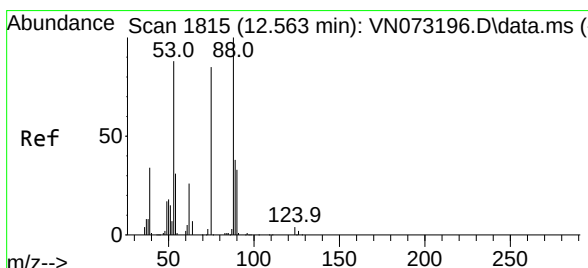
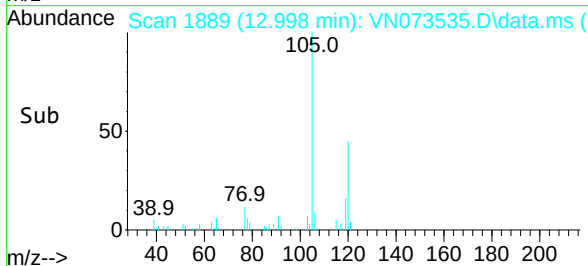
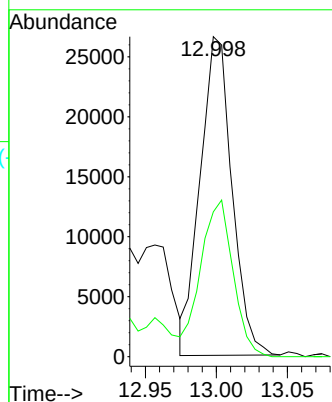
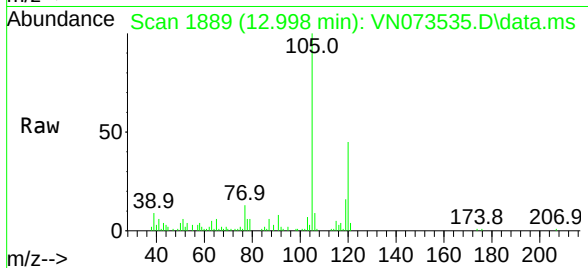
070622-A

Tgt Ion:105 Resp: 41459

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 56.097 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.105 min

Lab File: VN073535.D

Acq: 20 Jul 2022 20:34

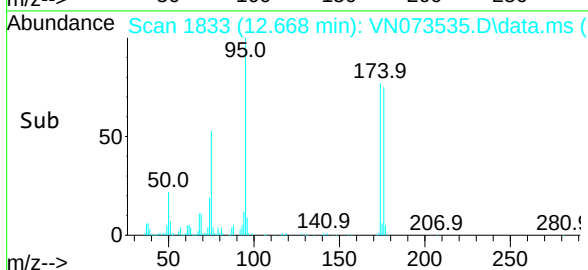
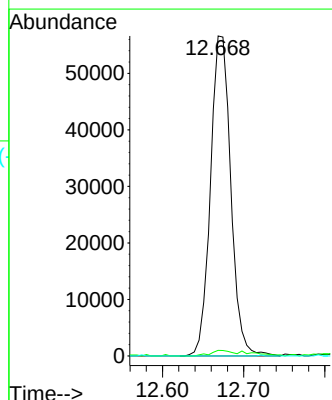
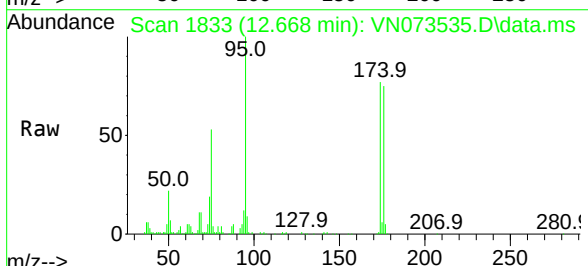
Tgt Ion: 75 Resp: 98515

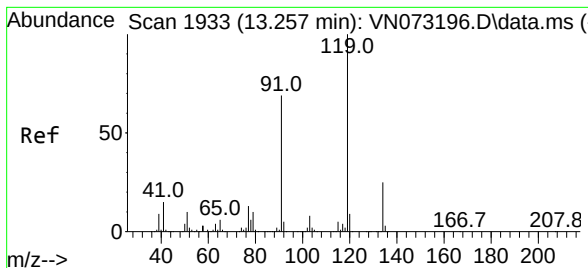
Ion Ratio Lower Upper

75 100

53 1.9 78.0 117.0#

89 0.0 37.2 55.8#





#83

tert-Butylbenzene

Concen: 1.559 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.053 min

Lab File: VN073535.D

Acq: 20 Jul 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

070622-A

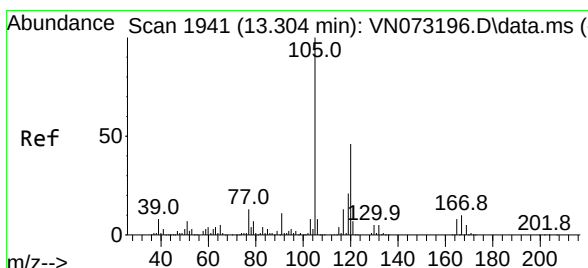
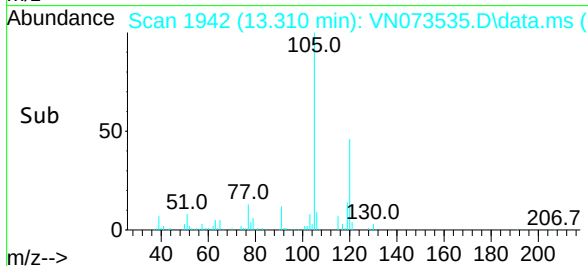
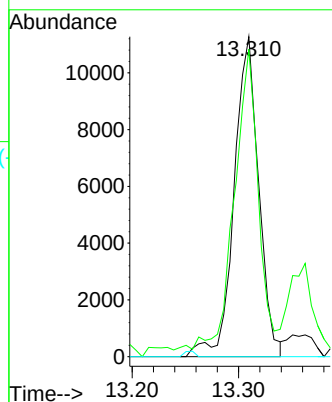
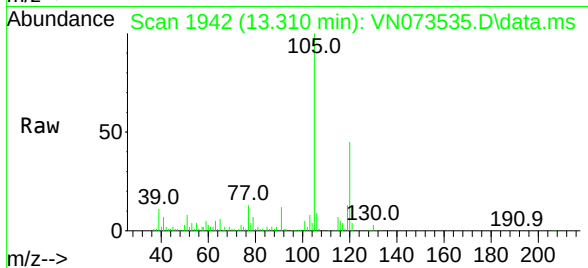
Tgt Ion:119 Resp: 18123

Ion Ratio Lower Upper

119 100

91 90.3 31.6 94.8

134 0.0 13.7 41.1#



#84

1,2,4-Trimethylbenzene

Concen: 11.116 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073535.D

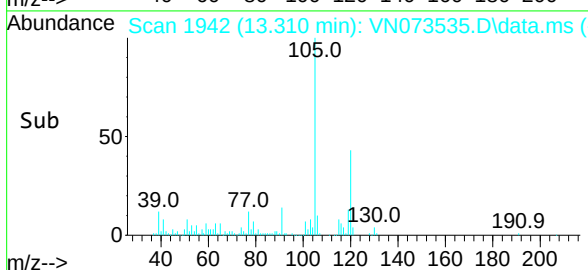
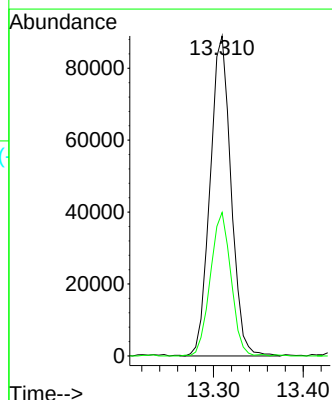
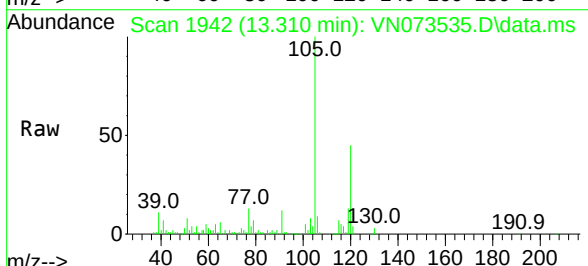
Acq: 20 Jul 2022 20:34

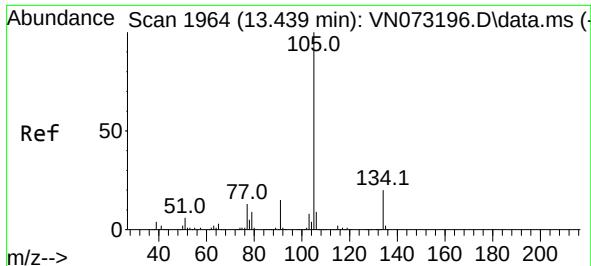
Tgt Ion:105 Resp: 143882

Ion Ratio Lower Upper

105 100

120 44.4 23.3 69.8

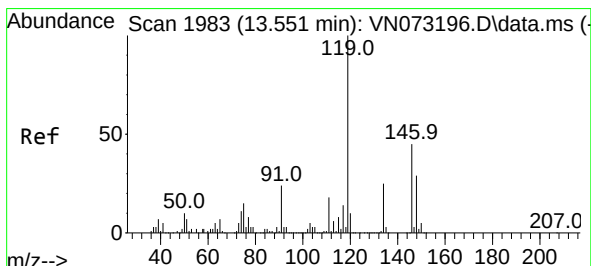
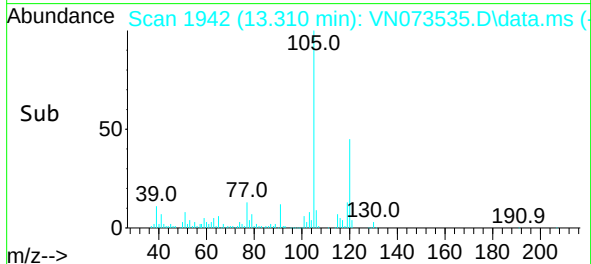
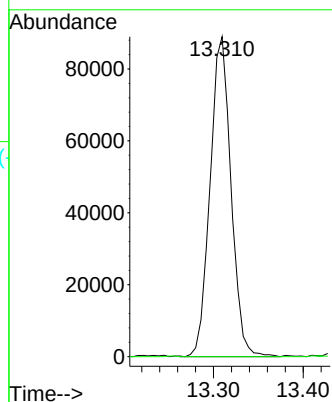
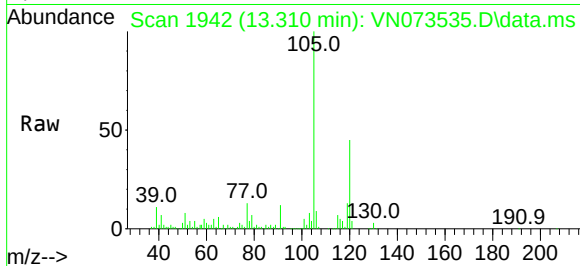




#85
 sec-Butylbenzene
 Concen: 9.219 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.129 min
 Lab File: VN073535.D
 Acq: 20 Jul 2022 20:34

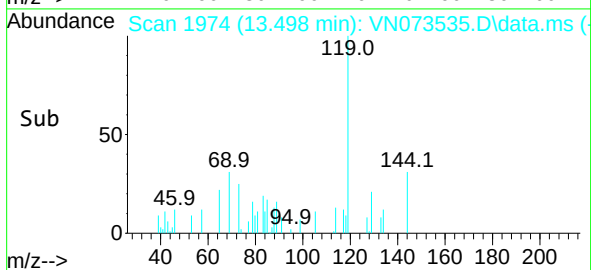
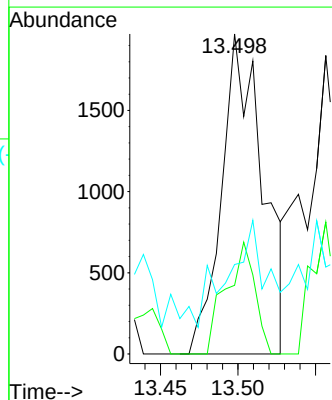
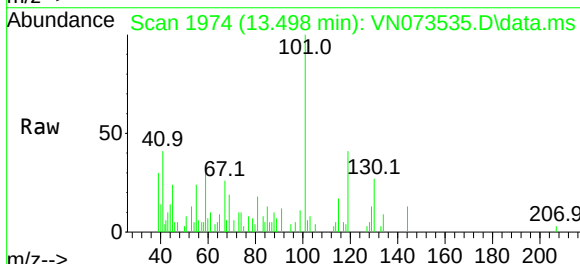
Instrument :
 MSVOA_N
 ClientSampleId :
 070622-A

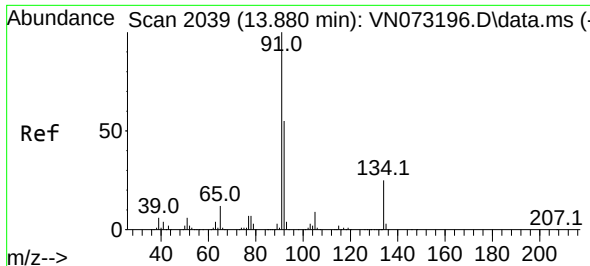
Tgt Ion:105 Resp: 143882
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.290 ug/l
 RT: 13.498 min Scan# 1974
 Delta R.T. -0.053 min
 Lab File: VN073535.D
 Acq: 20 Jul 2022 20:34

Tgt Ion:119 Resp: 3653
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.3 39.8
 91 30.2 11.3 33.9

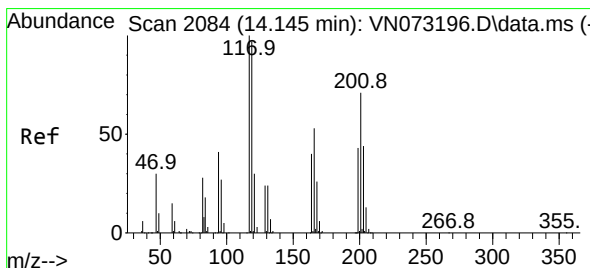
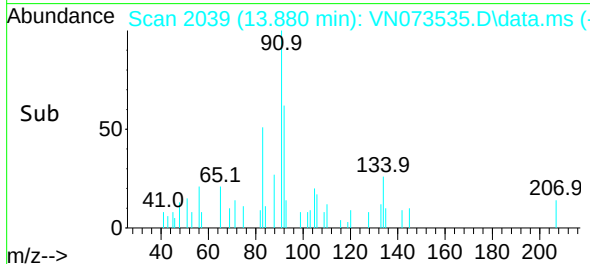
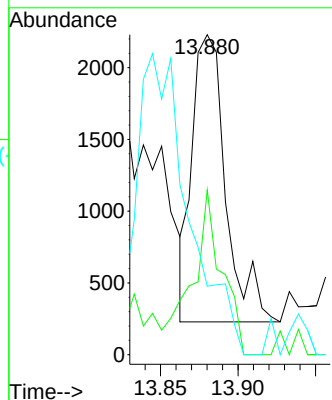
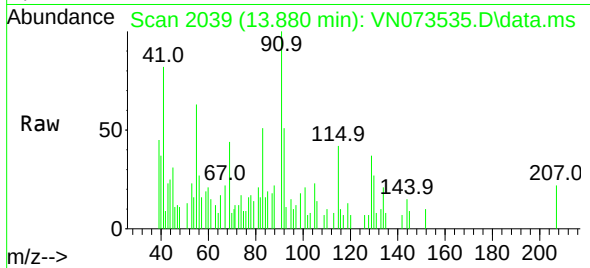




#89
n-Butylbenzene
Concen: 0.286 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

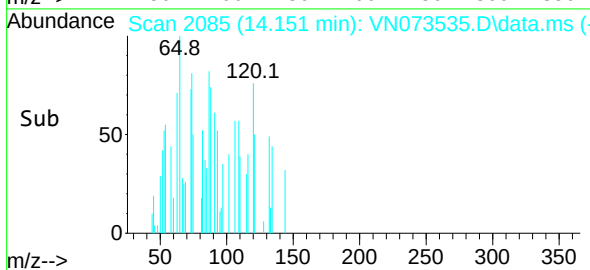
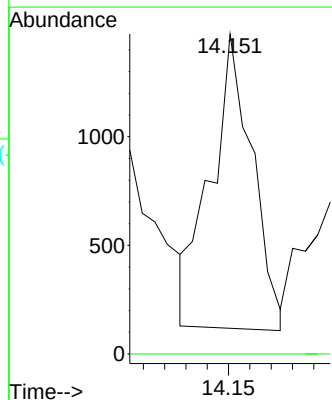
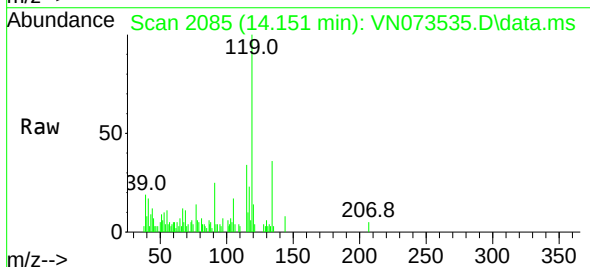
Instrument :
MSVOA_N
ClientSampleId :
070622-A

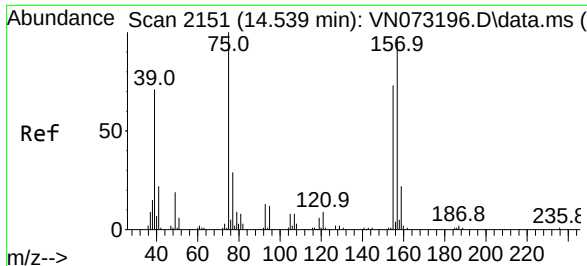
Tgt Ion: 91 Resp: 3006
Ion Ratio Lower Upper
91 100
92 50.7 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 0.778 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073535.D
Acq: 20 Jul 2022 20:34

Tgt Ion: 117 Resp: 1829
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

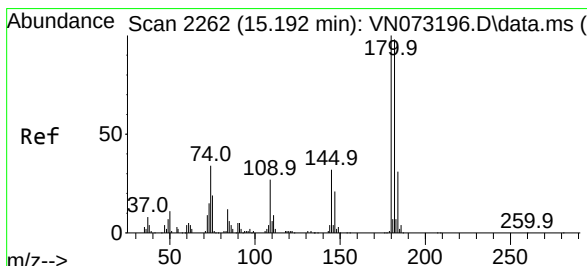
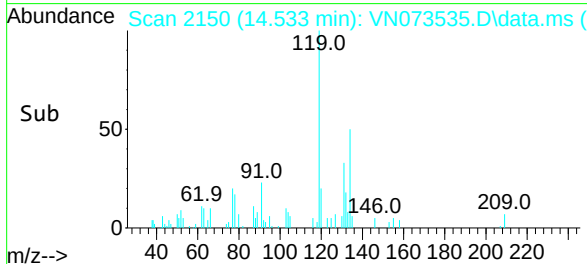
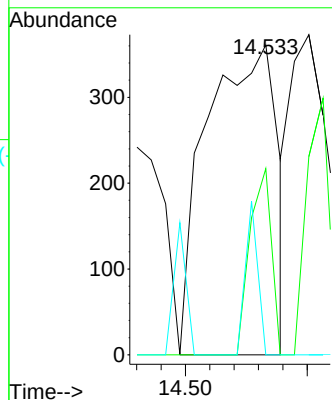
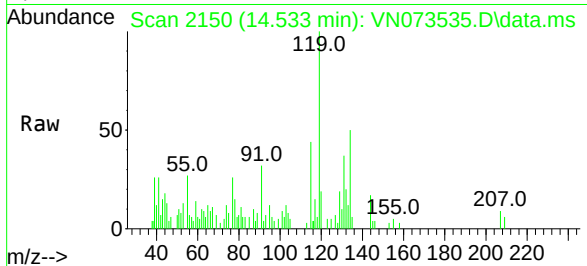




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.569 ug/l
 RT: 14.533 min Scan# 2150
 Delta R.T. -0.006 min
 Lab File: VN073535.D
 Acq: 20 Jul 2022 20:34

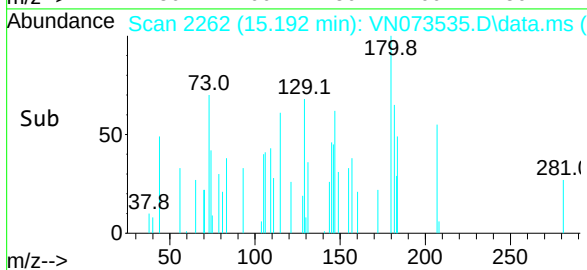
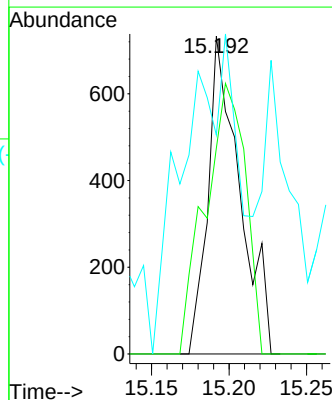
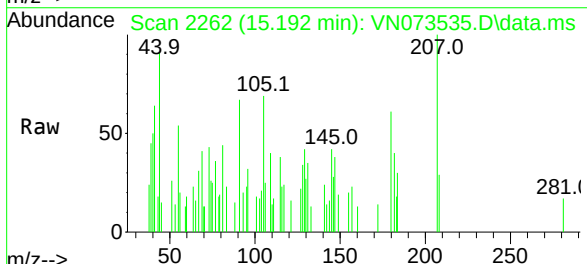
Instrument :
 MSVOA_N
 ClientSampleId :
 070622-A

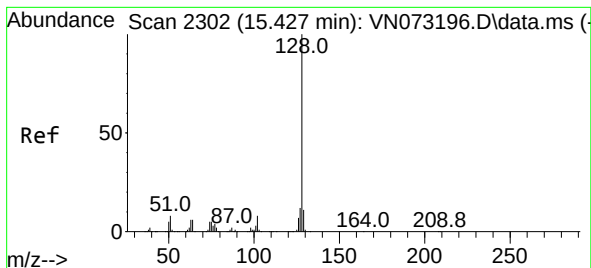
Tgt Ion: 75 Resp: 730
 Ion Ratio Lower Upper
 75 100
 155 18.2 44.9 134.5#
 157 8.6 59.0 176.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.296 ug/l
 RT: 15.192 min Scan# 2262
 Delta R.T. -0.000 min
 Lab File: VN073535.D
 Acq: 20 Jul 2022 20:34

Tgt Ion: 180 Resp: 1041
 Ion Ratio Lower Upper
 180 100
 182 108.6 47.5 142.5
 145 111.7 14.5 43.5#





#95

Naphthalene

Concen: 300.801 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073535.D

Acq: 20 Jul 2022 20:34

Instrument :

MSVOA_N

ClientSampleId :

070622-A

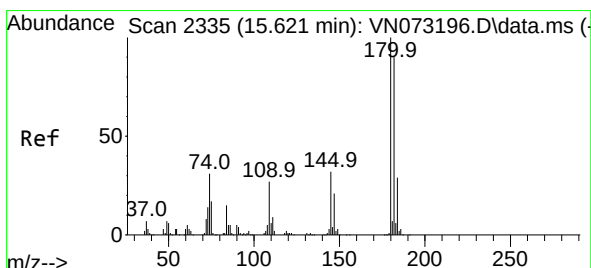
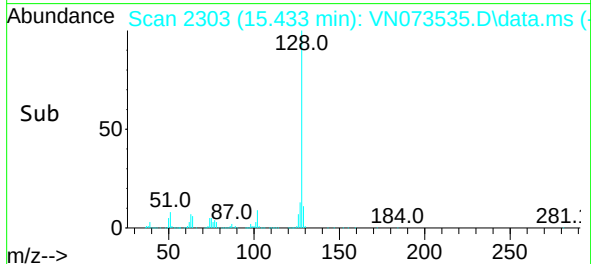
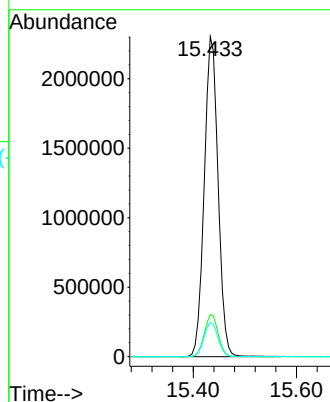
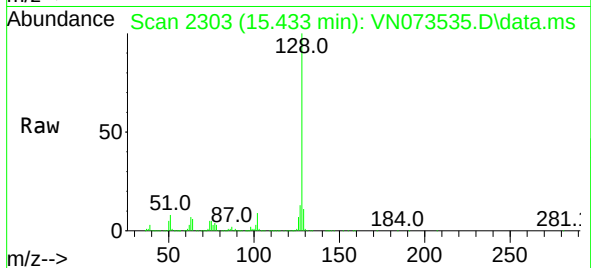
Tgt Ion:128 Resp: 4270088

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.369 ug/l

RT: 15.615 min Scan# 2334

Delta R.T. -0.006 min

Lab File: VN073535.D

Acq: 20 Jul 2022 20:34

Tgt Ion:180 Resp: 1340

Ion Ratio Lower Upper

180 100

182 83.1 47.8 143.3

145 0.0 15.5 46.5#

