

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073257.D
 Acq On : 30 Jun 2022 10:46
 Operator : JC\MD
 Sample : VN0630MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 01 08:06:06 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)

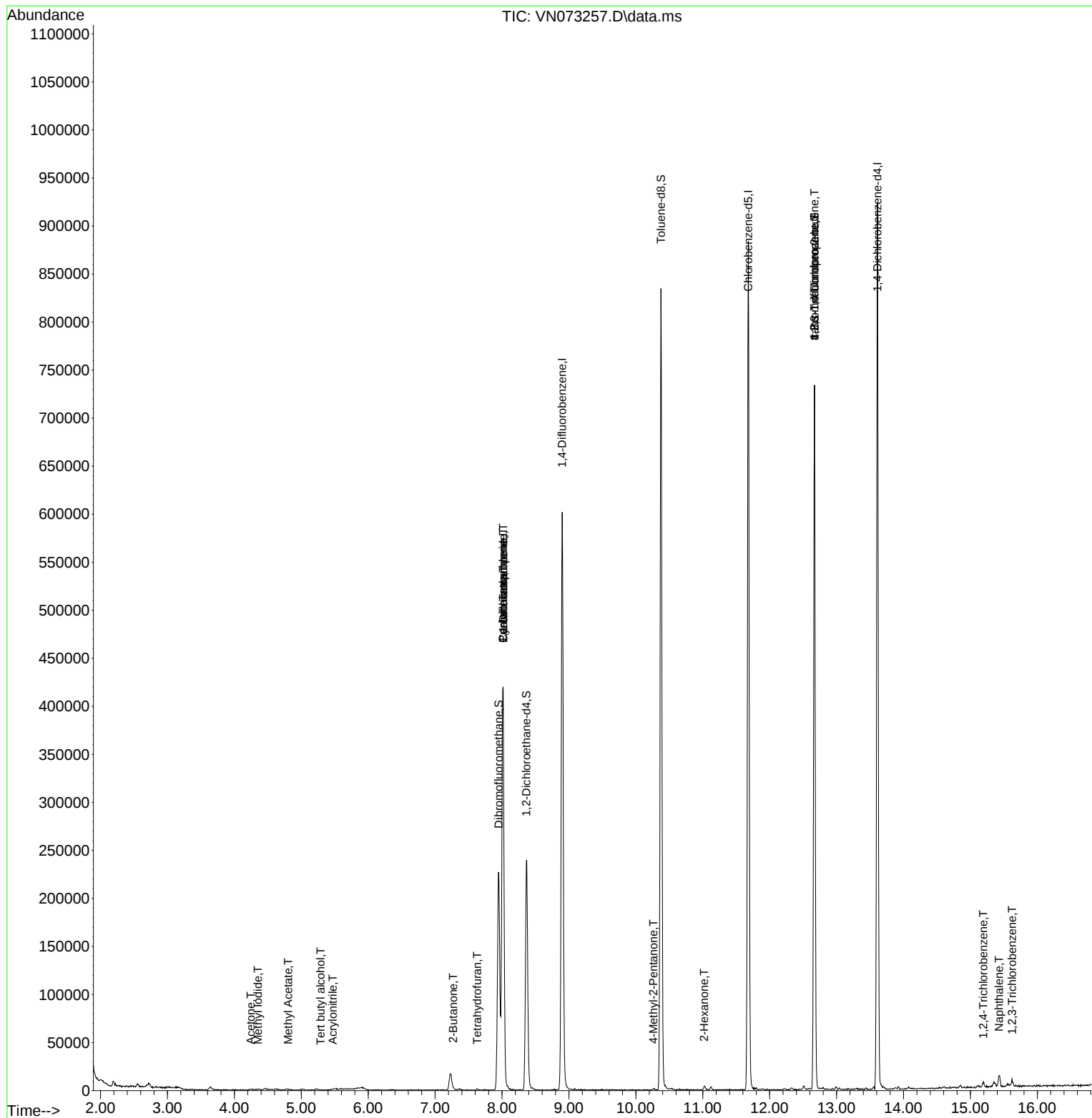
Internal Standards						
1) Pentafluorobenzene	8.016	168	321885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	535734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	494586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	235145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	203397	43.772	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.540%		
35) Dibromofluoromethane	7.951	113	170105	47.724	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.440%		
50) Toluene-d8	10.375	98	568642	44.919	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.840%		
62) 4-Bromofluorobenzene	12.669	95	251595	51.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.440%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.351	142	1240	3.944	ug/l #	66
11) Tert butyl alcohol	5.287	59	239	0.212	ug/l #	72
15) Acrylonitrile	5.469	53	769	0.265	ug/l #	65
16) Acetone	4.246	43	1691	0.648	ug/l #	79
18) Methyl Acetate	4.804	43	2641	0.361	ug/l #	48
25) 2-Butanone	7.269	43	1349	0.325	ug/l #	45
29) Tetrahydrofuran	7.628	42	1079	0.379	ug/l #	54
31) Cyclohexane	8.016	56	7278	0.956	ug/l #	30
36) 1,1-Dichloropropene	8.016	75	26248	4.786	ug/l #	49
38) Carbon Tetrachloride	8.016	117	32917	5.804	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	1947	0.258	ug/l #	60
59) 2-Hexanone	11.022	43	3231	0.561	ug/l	72
76) 1,2,3-Trichloropropane	12.669	75	129833	21.116	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	129833	57.910	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.192	180	1976	0.440	ug/l	94
95) Naphthalene	15.427	128	11494	0.634	ug/l	94
96) 1,2,3-Trichlorobenzene	15.621	180	2517	0.543	ug/l	93

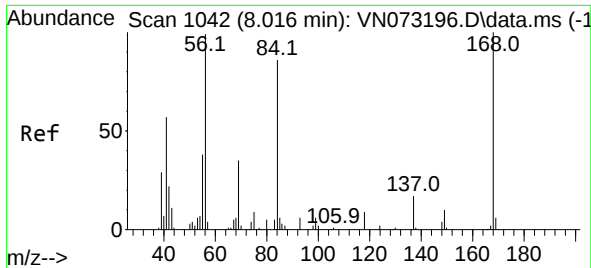
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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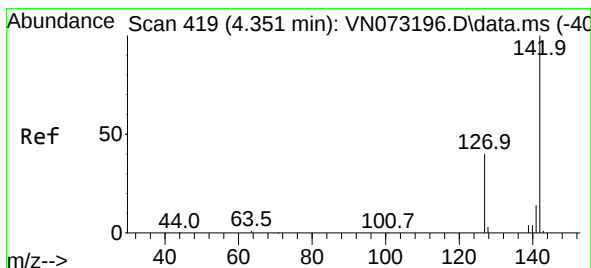
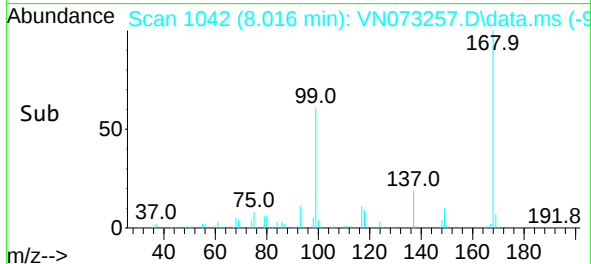
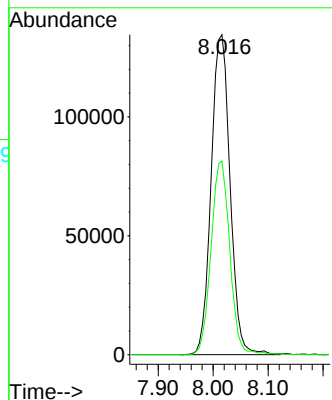
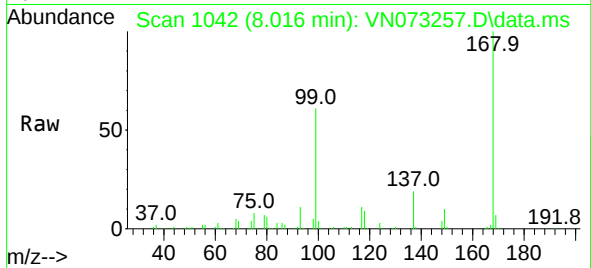




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

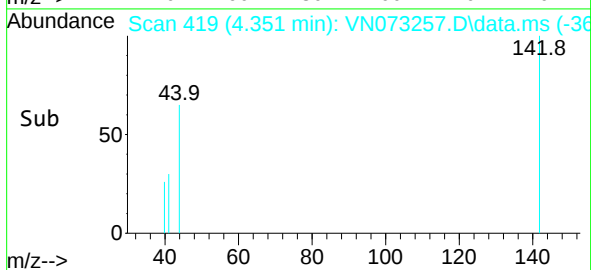
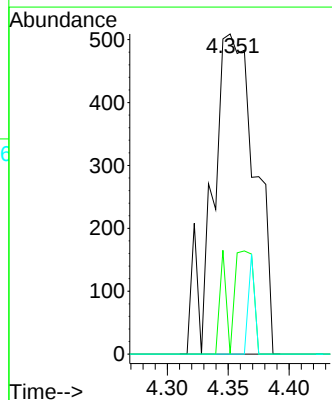
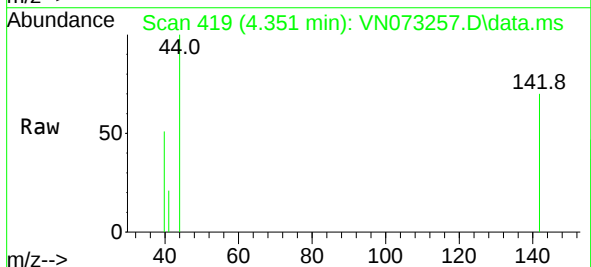
Instrument :
MSVOA_N
ClientSampleId :

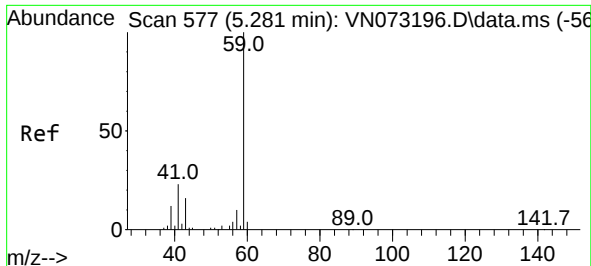
Tgt Ion:168 Resp: 321885
Ion Ratio Lower Upper
168 100
99 60.6 42.3 63.5



#10
Methyl Iodide
Concen: 3.944 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

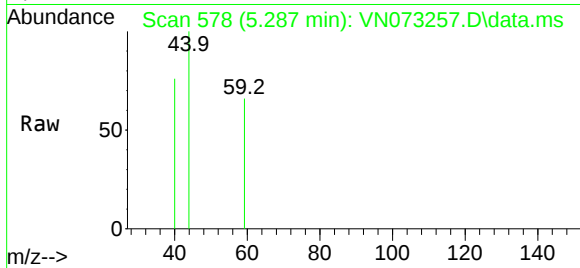
Tgt Ion:142 Resp: 1240
Ion Ratio Lower Upper
142 100
127 18.5 31.3 46.9#
141 0.0 11.2 16.8#



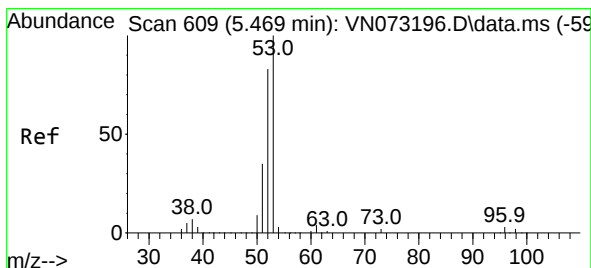
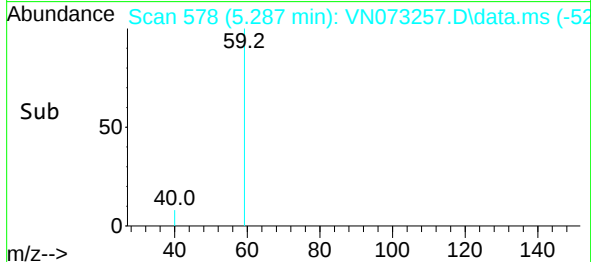
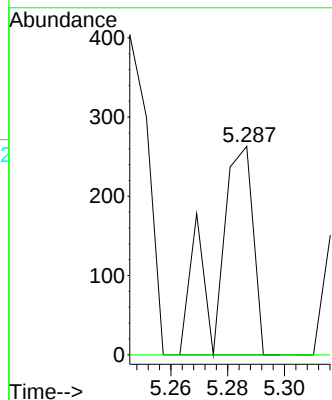


#11
Tert butyl alcohol
Concen: 0.212 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

Instrument :
MSVOA_N
ClientSampleId :

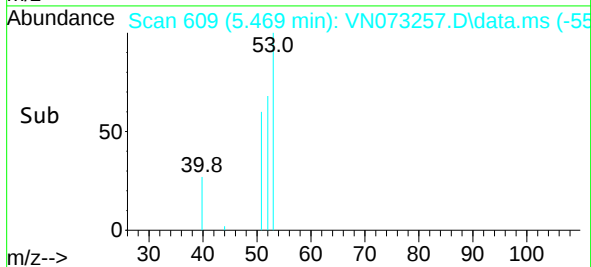
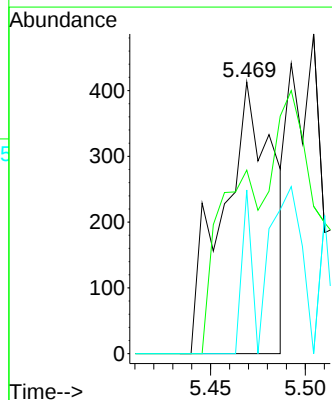
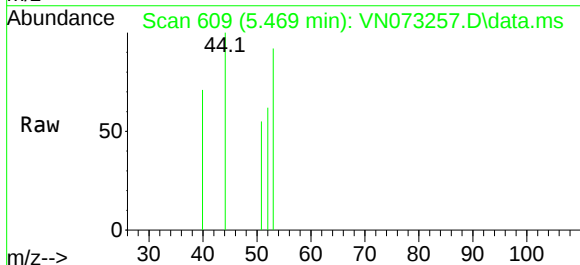


Tgt Ion: 59 Resp: 239
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#15
Acrylonitrile
Concen: 0.265 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

Tgt Ion: 53 Resp: 769
Ion Ratio Lower Upper
53 100
52 54.4 66.4 99.6#
51 11.4 28.5 42.7#

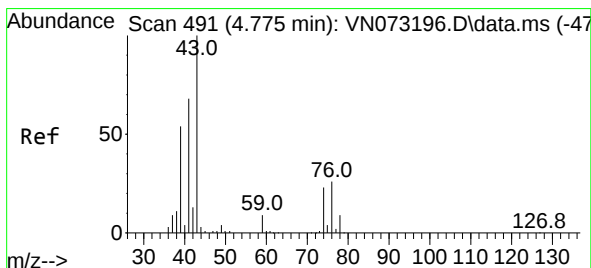
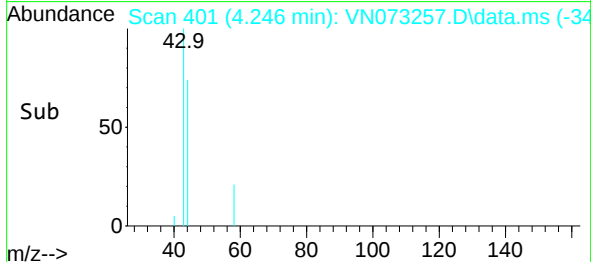
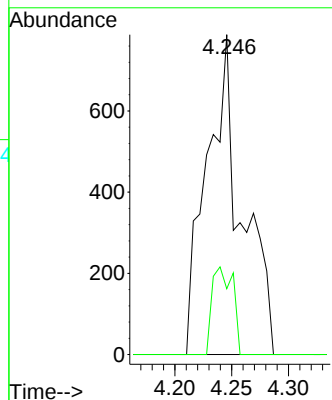
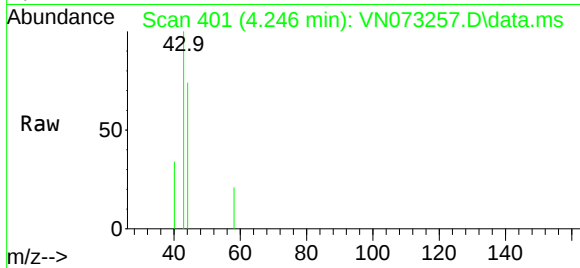




#16
Acetone
Concen: 0.648 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

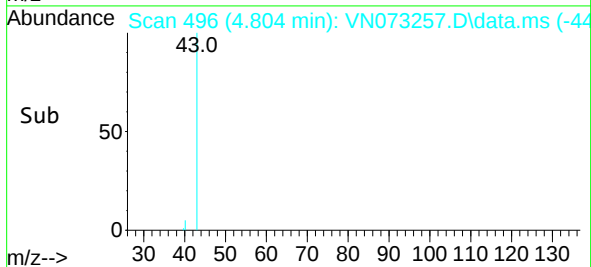
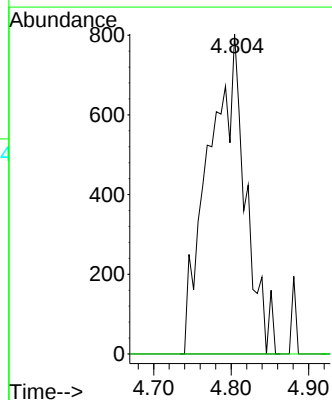
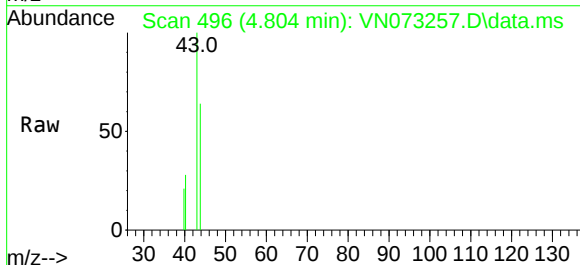
Instrument :
MSVOA_N
ClientSampleId :

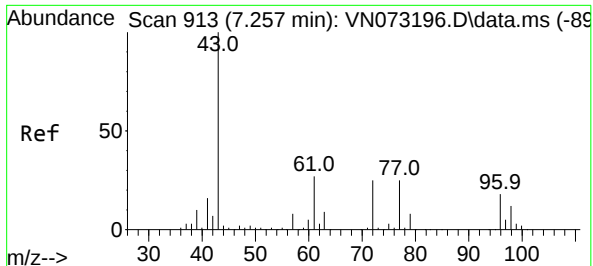
Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
58 20.6 26.0 39.0#



#18
Methyl Acetate
Concen: 0.361 ug/l
RT: 4.804 min Scan# 496
Delta R.T. 0.029 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

Tgt Ion: 43 Resp: 2641
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#25

2-Butanone

Concen: 0.325 ug/l

RT: 7.269 min Scan# 913

Delta R.T. 0.012 min

Lab File: VN073257.D

Acq: 30 Jun 2022 10:46

Instrument :

MSVOA_N

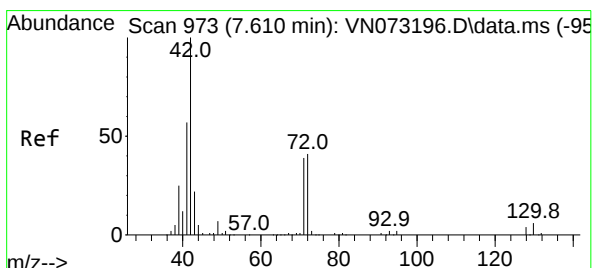
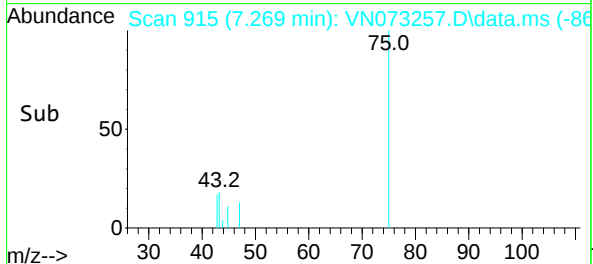
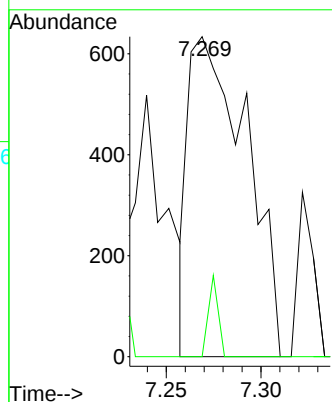
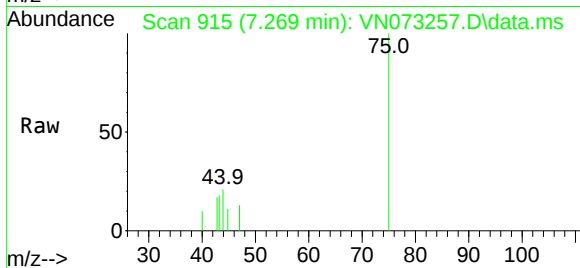
ClientSampleId :

Tgt Ion: 43 Resp: 1349

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.379 ug/l

RT: 7.628 min Scan# 976

Delta R.T. 0.018 min

Lab File: VN073257.D

Acq: 30 Jun 2022 10:46

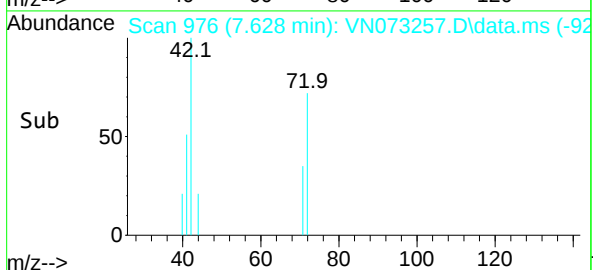
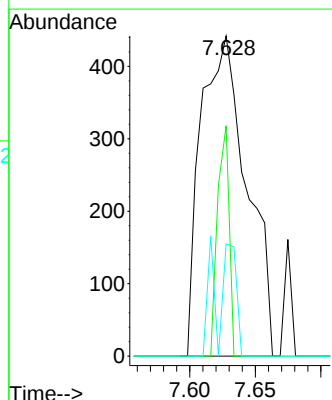
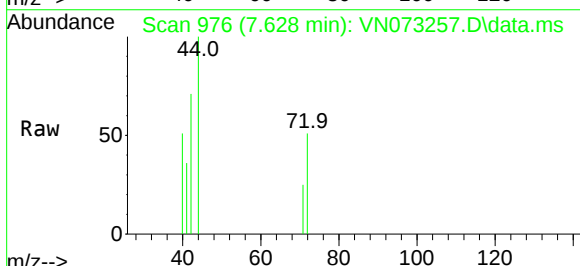
Tgt Ion: 42 Resp: 1079

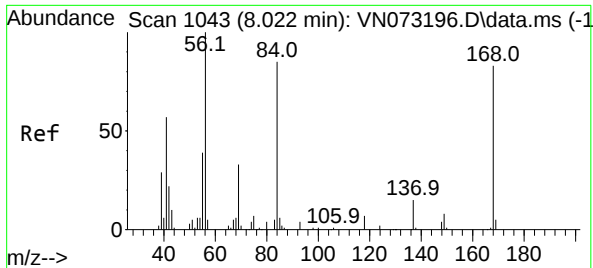
Ion Ratio Lower Upper

42 100

72 18.2 39.7 59.5#

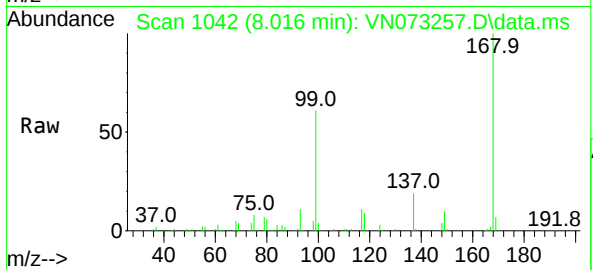
71 15.5 36.6 55.0#



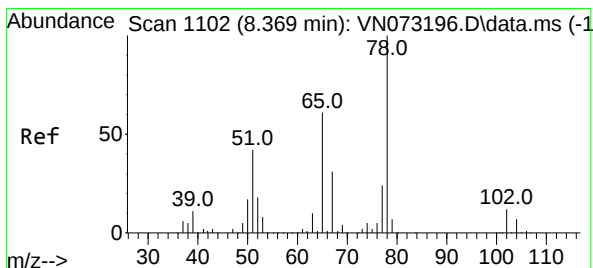
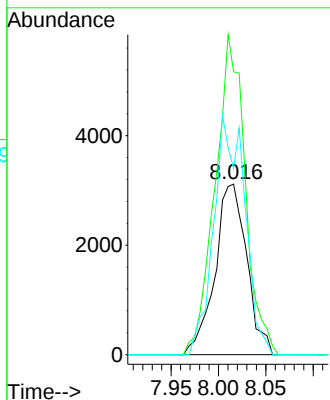
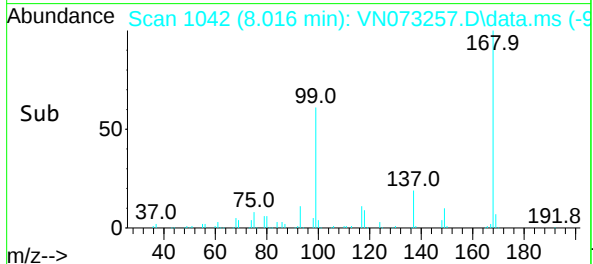


#31
Cyclohexane
Concen: 0.956 ug/l
RT: 8.016 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

Instrument :
MSVOA_N
ClientSampleId :

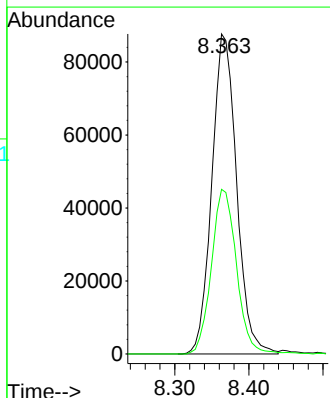
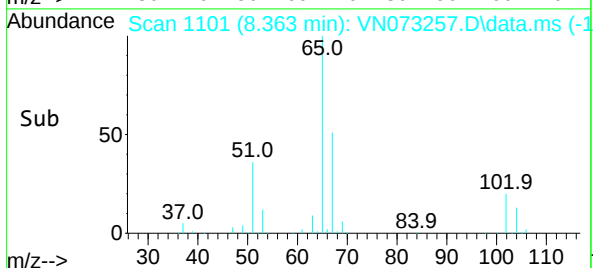
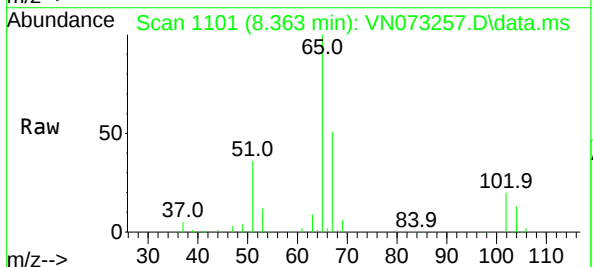


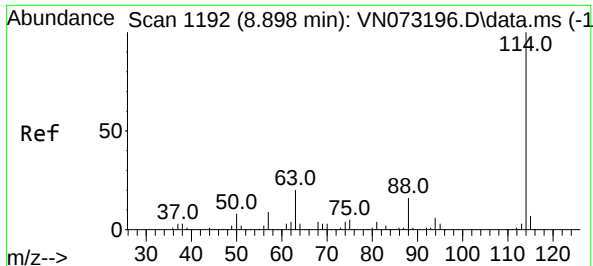
Tgt Ion: 56 Resp: 7278
Ion Ratio Lower Upper
56 100
69 165.8 27.8 41.8#
84 109.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 43.772 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

Tgt Ion: 65 Resp: 203397
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073257.D

Acq: 30 Jun 2022 10:46

Instrument :

MSVOA_N

ClientSampleId :

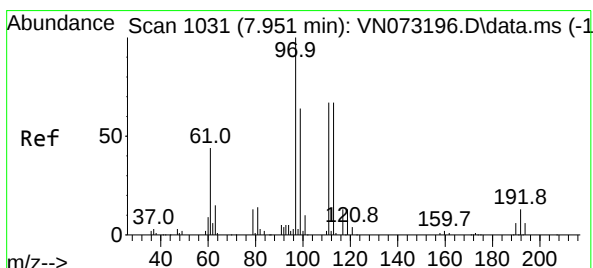
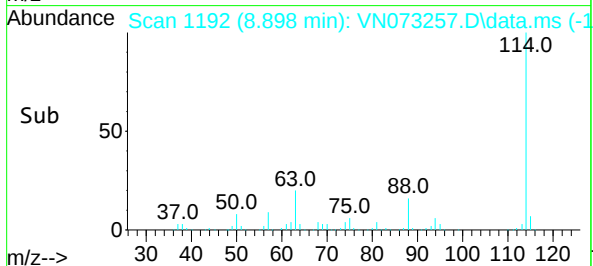
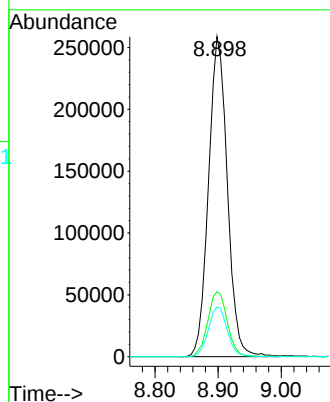
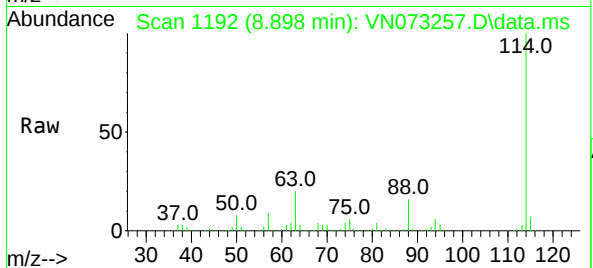
Tgt Ion:114 Resp: 535734

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.724 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073257.D

Acq: 30 Jun 2022 10:46

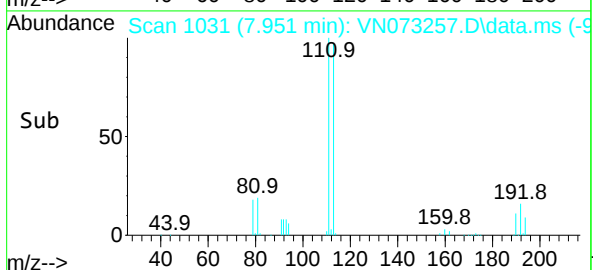
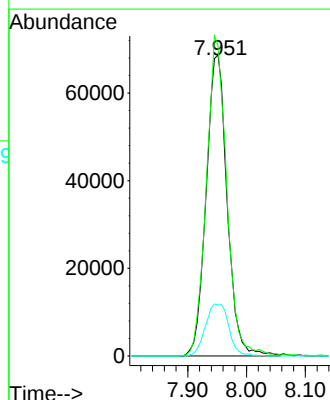
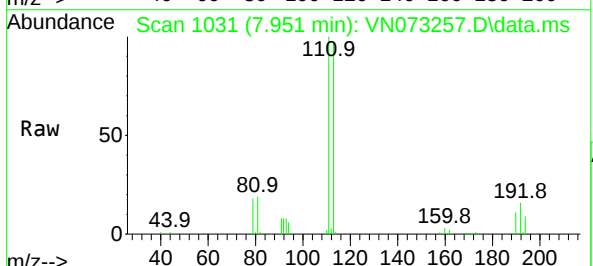
Tgt Ion:113 Resp: 170105

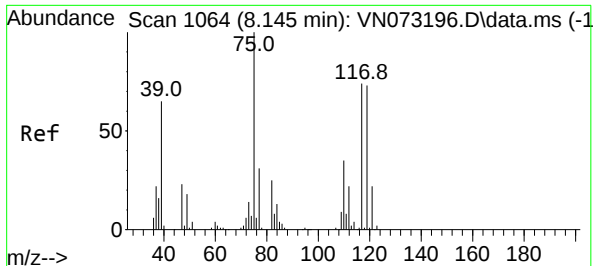
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 19.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.786 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073257.D

Acq: 30 Jun 2022 10:46

Instrument :

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ClientSampleId :

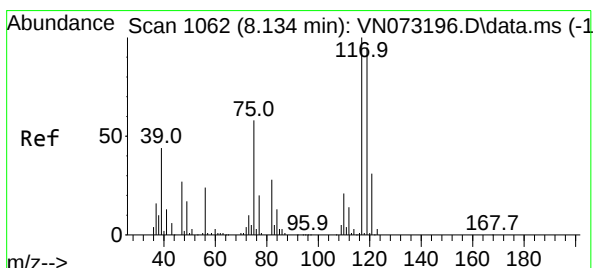
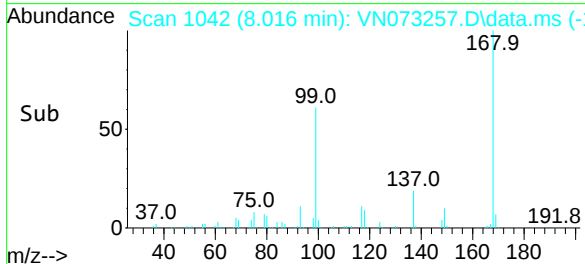
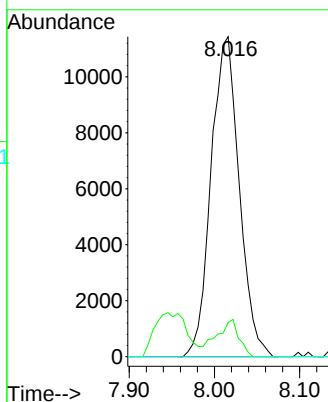
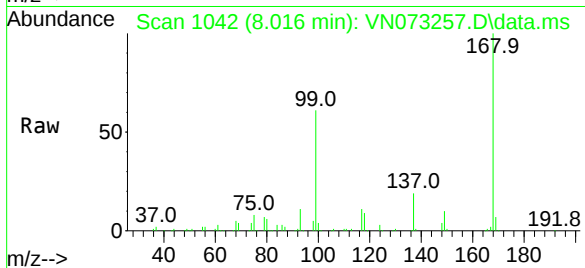
Tgt Ion: 75 Resp: 26248

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.804 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073257.D

Acq: 30 Jun 2022 10:46

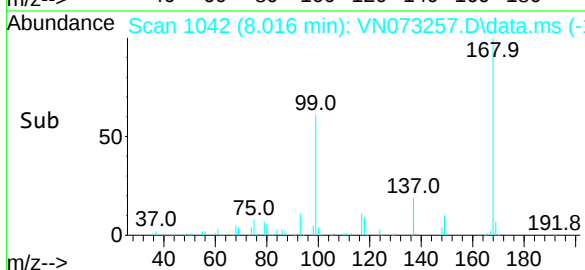
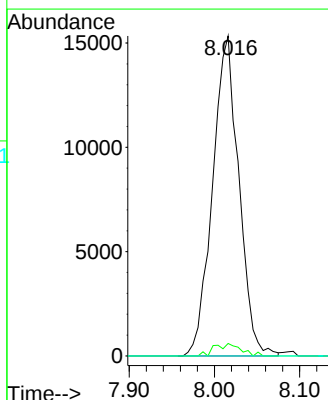
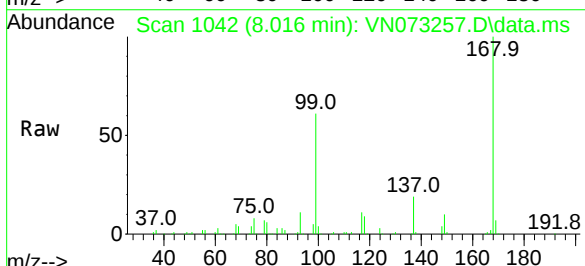
Tgt Ion: 117 Resp: 32917

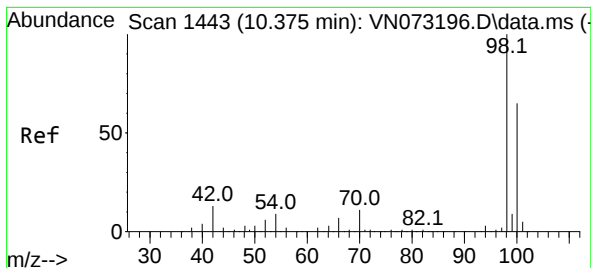
Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.8#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 44.919 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN073257.D

Acq: 30 Jun 2022 10:46

Instrument :

MSVOA_N

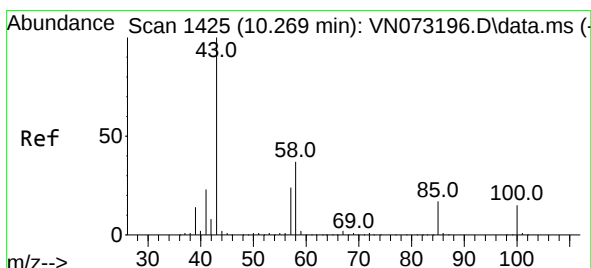
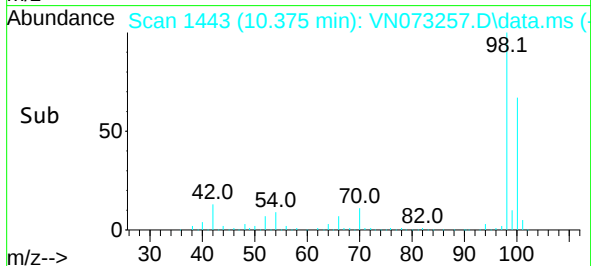
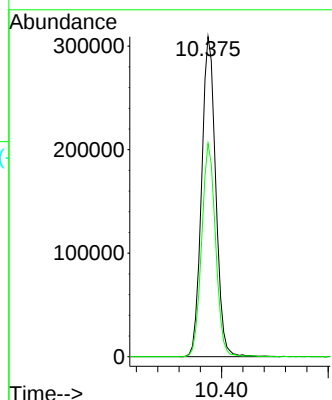
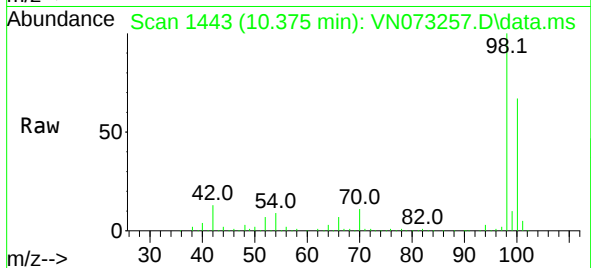
ClientSampleId :

Tgt Ion: 98 Resp: 568642

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.258 ug/l

RT: 10.263 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VN073257.D

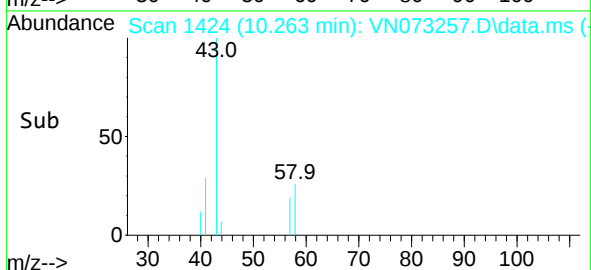
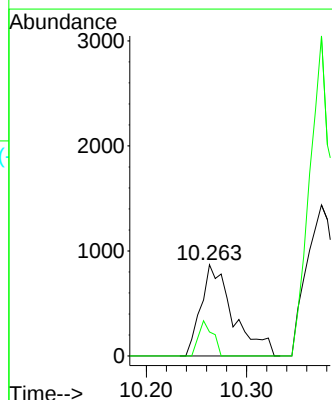
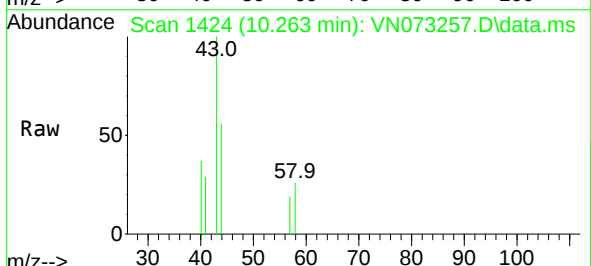
Acq: 30 Jun 2022 10:46

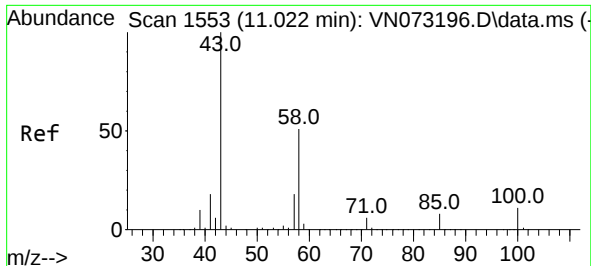
Tgt Ion: 43 Resp: 1947

Ion Ratio Lower Upper

43 100

58 17.0 34.1 51.1#

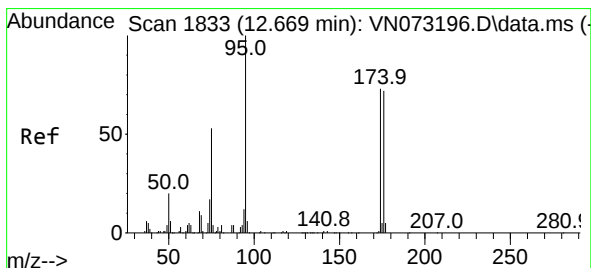
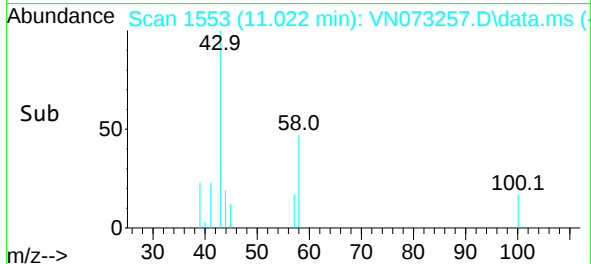
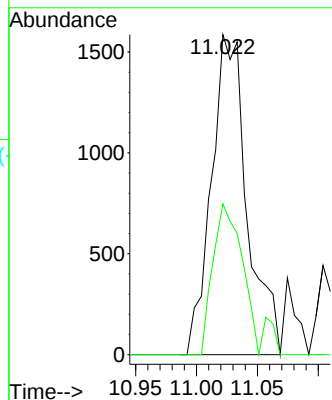
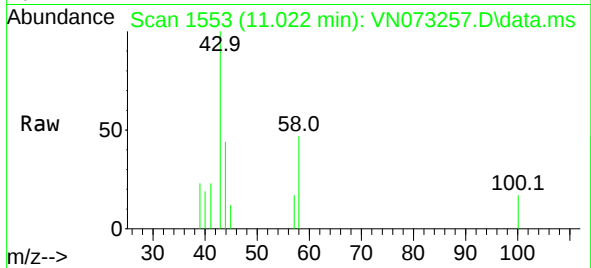




#59
2-Hexanone
Concen: 0.561 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

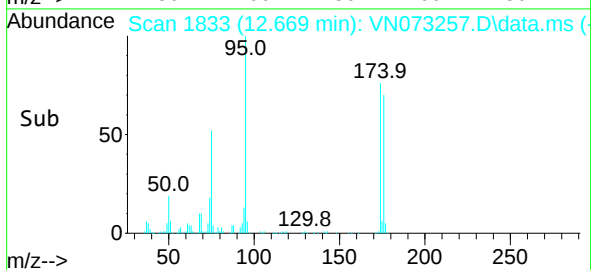
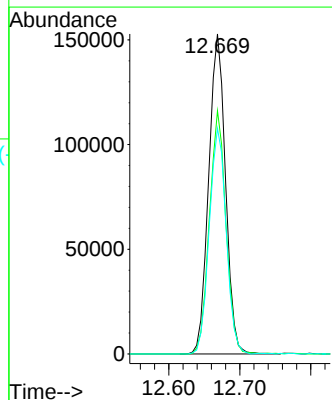
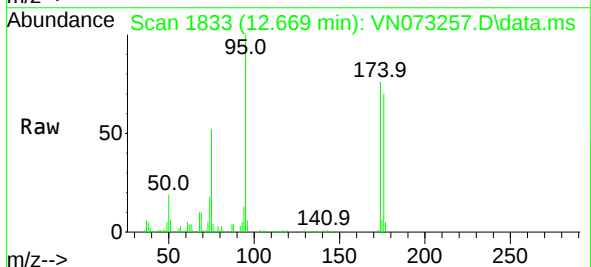
Instrument :
MSVOA_N
ClientSampleId :

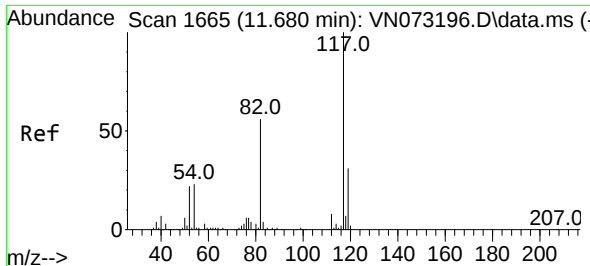
Tgt Ion: 43 Resp: 3231
Ion Ratio Lower Upper
43 100
58 38.6 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 51.716 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

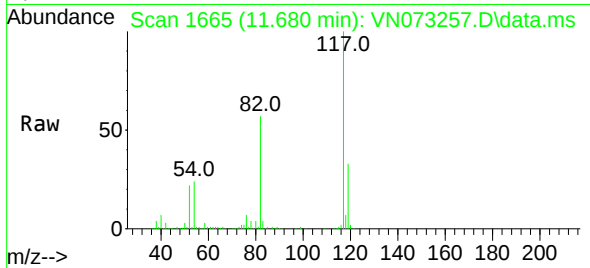
Tgt Ion: 95 Resp: 251595
Ion Ratio Lower Upper
95 100
174 74.8 0.0 167.6
176 70.7 0.0 163.4



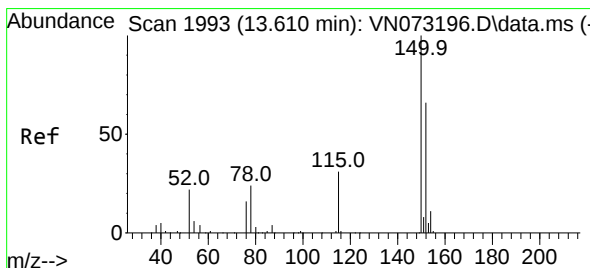
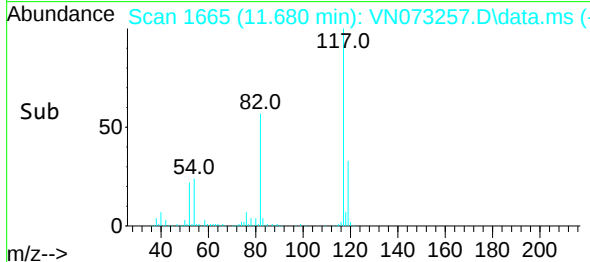
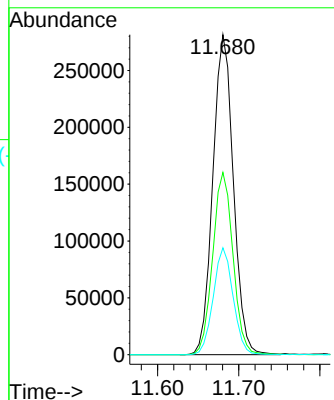


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

Instrument :
MSVOA_N
ClientSampleId :

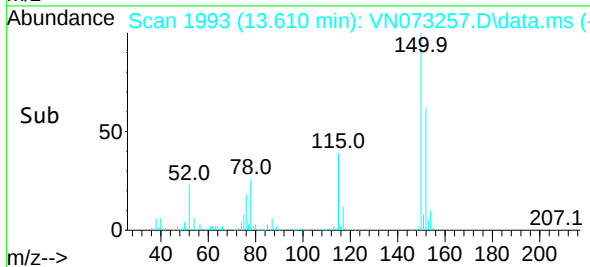
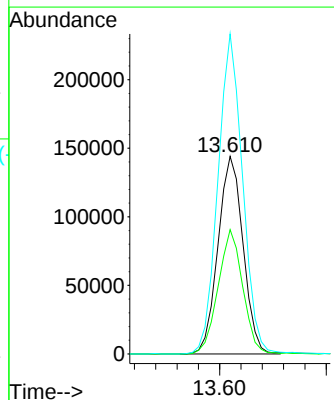
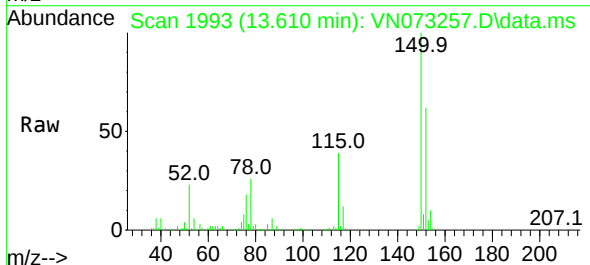


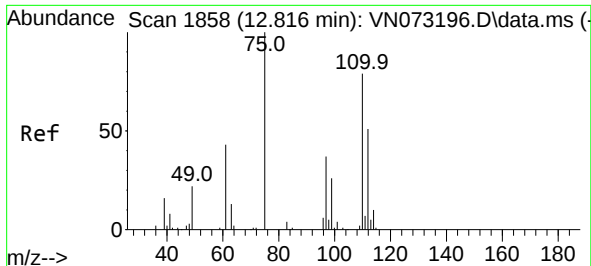
Tgt Ion:117 Resp: 494586
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 33.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

Tgt Ion:152 Resp: 235145
Ion Ratio Lower Upper
152 100
115 61.9 28.9 86.7
150 159.8 0.0 356.2

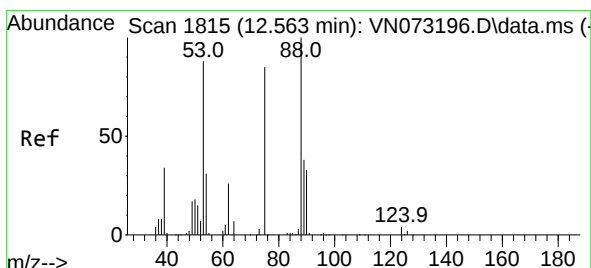
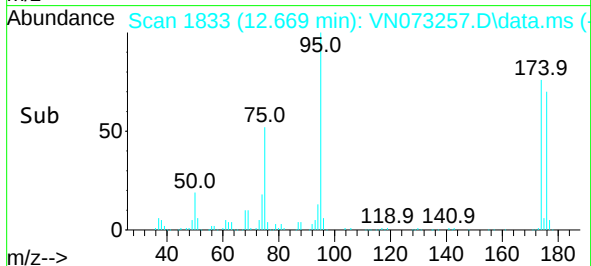
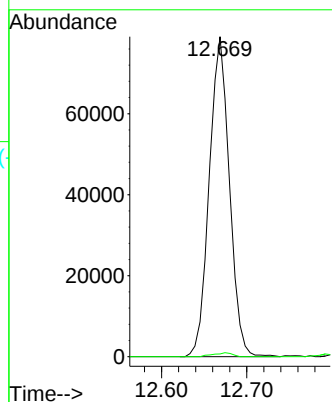
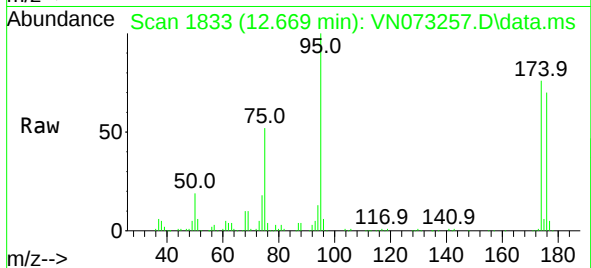




#76
1,2,3-Trichloropropane
Concen: 21.116 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

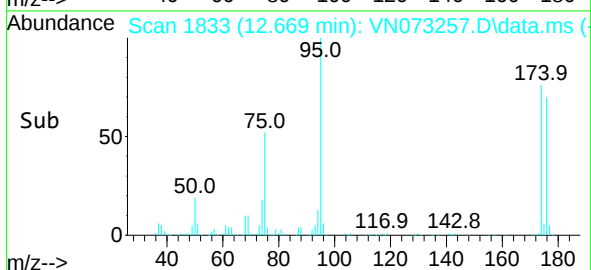
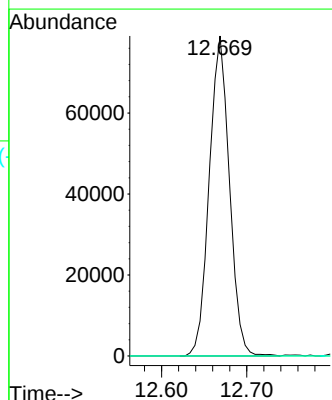
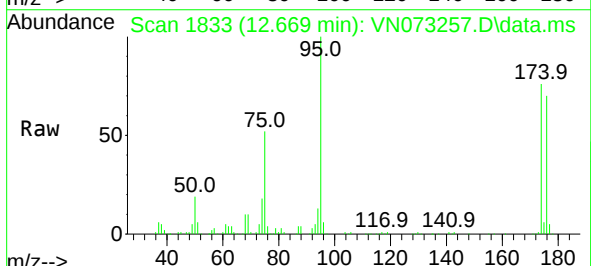
Instrument :
MSVOA_N
ClientSampleId :

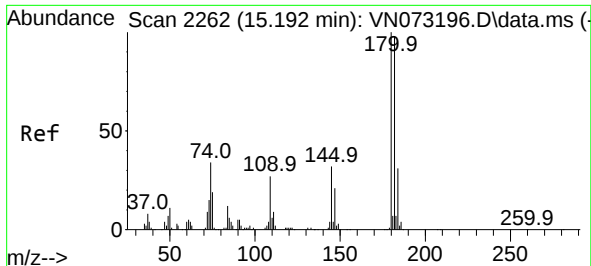
Tgt Ion: 75 Resp: 129833
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.910 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

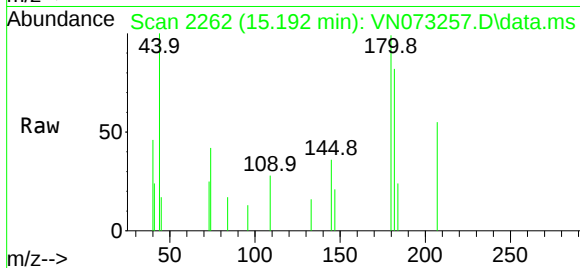
Tgt Ion: 75 Resp: 129833
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



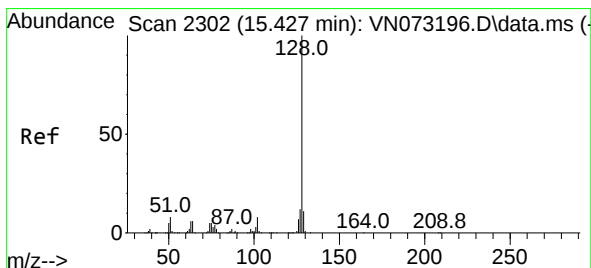
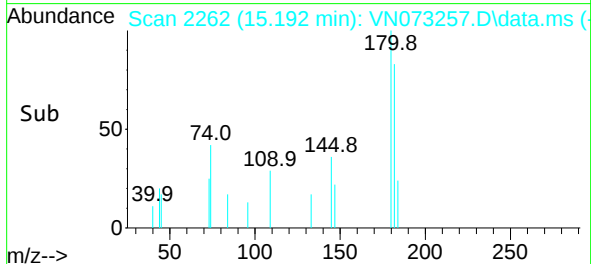
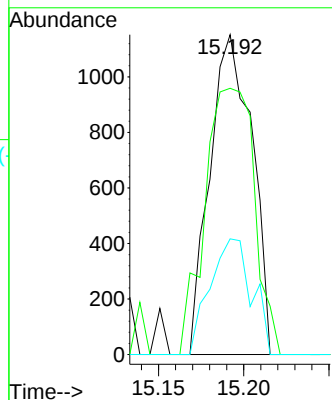


#93
1,2,4-Trichlorobenzene
Concen: 0.440 ug/l
RT: 15.192 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

Instrument :
MSVOA_N
ClientSampleId :

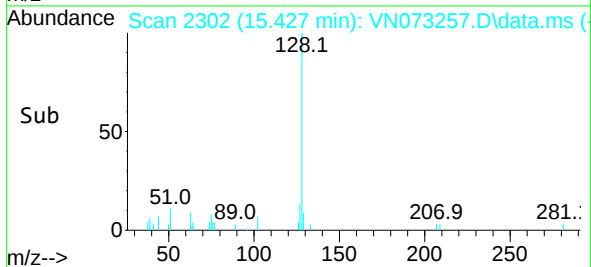
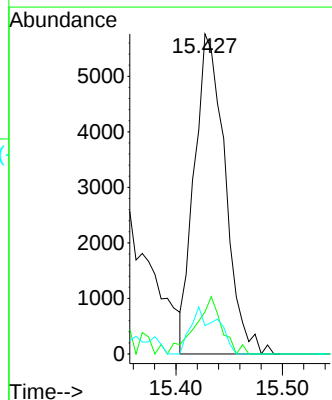
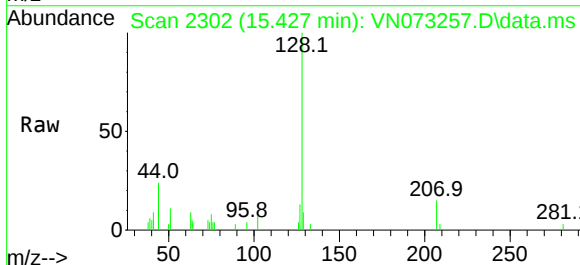


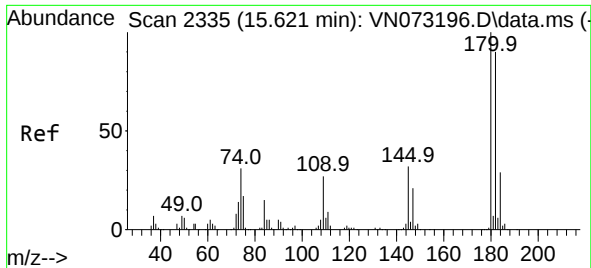
Tgt Ion:180 Resp: 1976
Ion Ratio Lower Upper
180 100
182 98.1 47.5 142.5
145 36.1 14.5 43.5



#95
Naphthalene
Concen: 0.634 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073257.D
Acq: 30 Jun 2022 10:46

Tgt Ion:128 Resp: 11494
Ion Ratio Lower Upper
128 100
127 15.4 10.3 15.5
129 12.6 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.543 ug/l

RT: 15.621 min Scan# 21

Delta R.T. 0.000 min

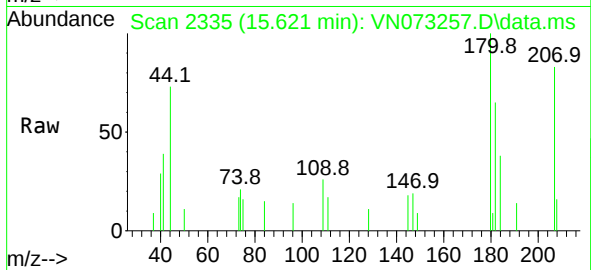
Lab File: VN073257.D

Acq: 30 Jun 2022 10:46

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 2517

Ion Ratio Lower Upper

180 100

182 88.2 47.8 143.3

145 33.8 15.5 46.5

