

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072287.D
 Acq On : 02 May 2022 11:10
 Operator : JC\MD
 Sample : VN0502MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

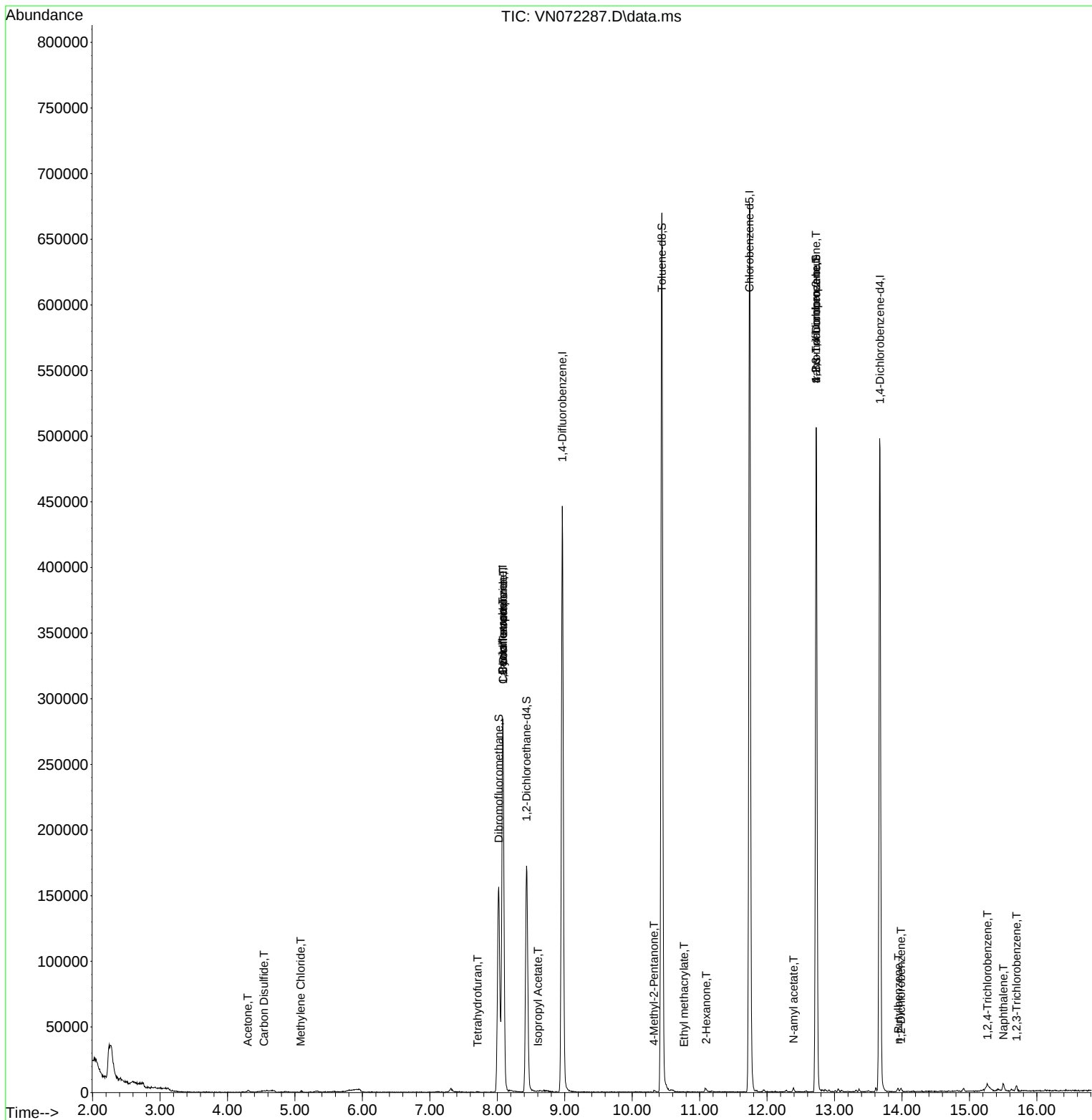
Quant Time: May 03 03:09:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

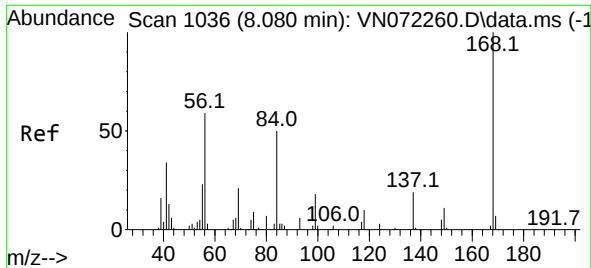
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	198357	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	363411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	383707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	132673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	160811	52.808	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	105.620%		
35) Dibromofluoromethane	8.022	113	114569	49.255	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.520%		
50) Toluene-d8	10.439	98	462765	50.631	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.727	95	175650	57.899	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	115.800%		
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	1366	Below Cal	#	43
5) Bromomethane	2.869	94	556	Below Cal	#	79
6) Chloroethane	2.987	64	304	Below Cal	#	42
16) Acetone	4.298	43	1982	1.510	ug/l	# 84
17) Carbon Disulfide	4.540	76	607	0.498	ug/l	# 75
20) Methylene Chloride	5.087	84	535	0.213	ug/l	# 73
29) Tetrahydrofuran	7.710	42	488	0.356	ug/l	# 29
31) Cyclohexane	8.081	56	4836	1.189	ug/l	# 33
36) 1,1-Dichloropropene	8.086	75	17557	5.186	ug/l	# 49
38) Carbon Tetrachloride	8.086	117	22802	6.288	ug/l	# 17
43) Isopropyl Acetate	8.604	43	391	0.856	ug/l	# 53
51) 4-Methyl-2-Pentanone	10.322	43	1278	0.301	ug/l	# 82
56) Ethyl methacrylate	10.769	69	57	2.377	ug/l	# 28
59) 2-Hexanone	11.098	43	2889	0.967	ug/l	89
74) N-amyl acetate	12.392	43	1680	0.383	ug/l	# 91
75) 1,1,2,2-Tetrachloroethane	12.821	83	483	Below Cal	#	38
76) 1,2,3-Trichloropropane	12.727	75	99017	33.167	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	99017	86.295	ug/l	# 10
89) n-Butylbenzene	13.945	91	1973	0.296	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	1149	0.260	ug/l	95
93) 1,2,4-Trichlorobenzene	15.268	180	1492	3.115	ug/l	96
95) Naphthalene	15.504	128	7252	5.264	ug/l	# 96
96) 1,2,3-Trichlorobenzene	15.698	180	1863	3.539	ug/l	99

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

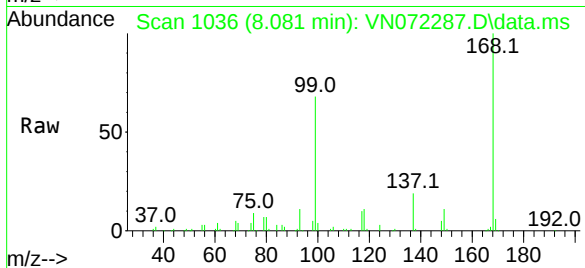
Quant Time: May 03 03:09:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration



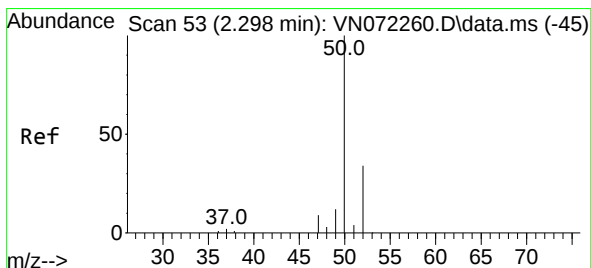
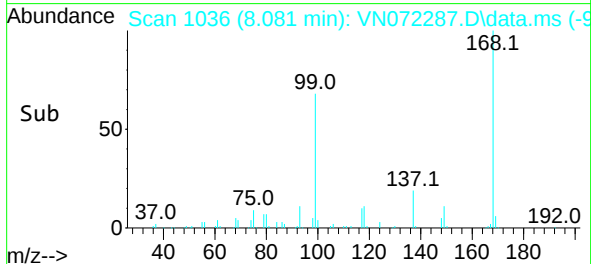
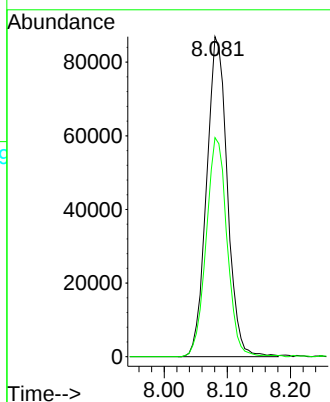


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

Instrument :
MSVOA_N
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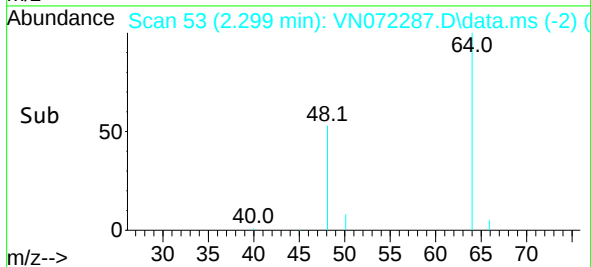
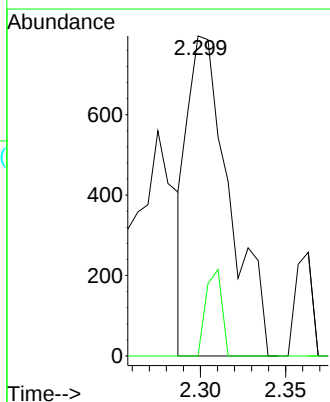
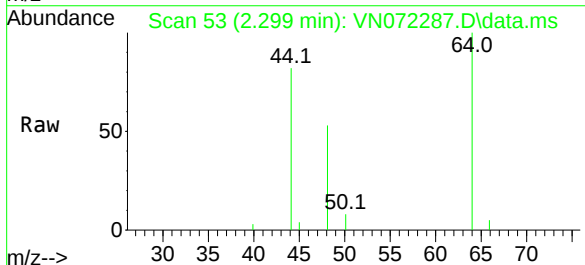


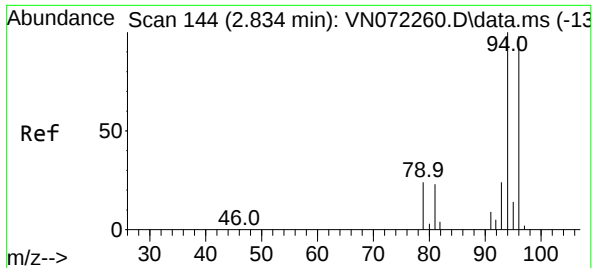
Tgt Ion:168 Resp: 198357
Ion Ratio Lower Upper
168 100
99 68.4 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

Tgt Ion: 50 Resp: 1366
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

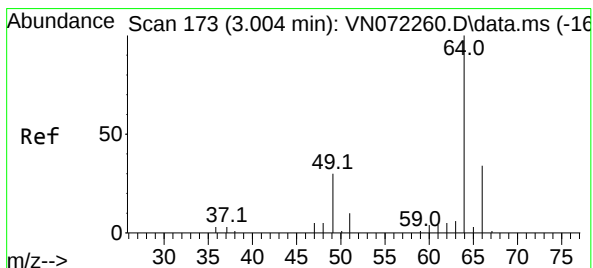
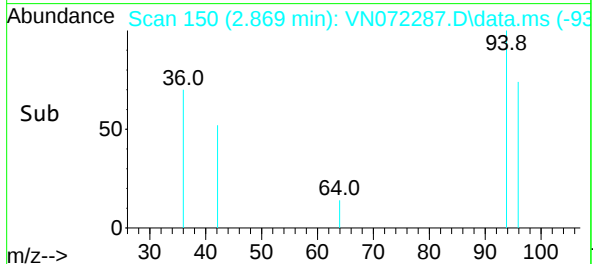
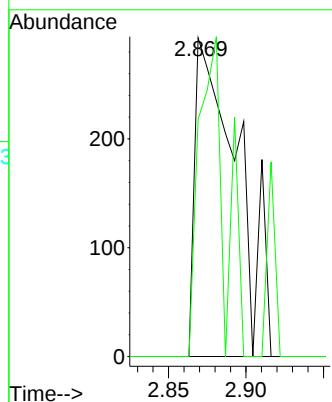
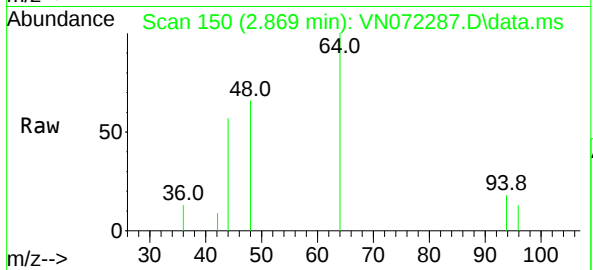




#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

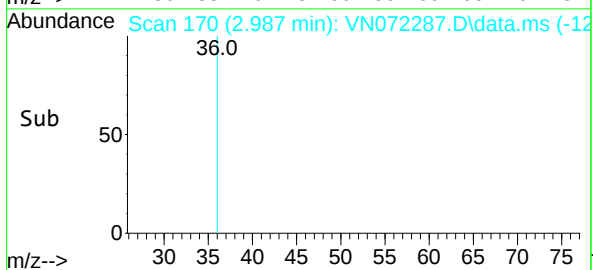
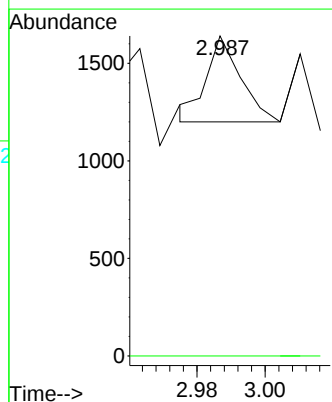
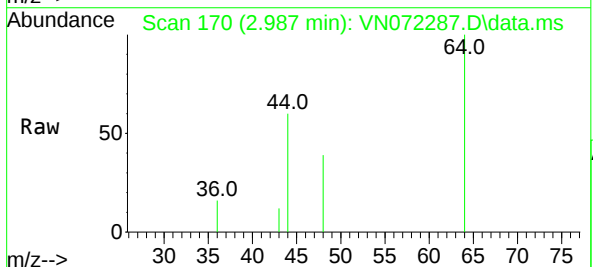
Instrument :
MSVOA_N
ClientSampleId :

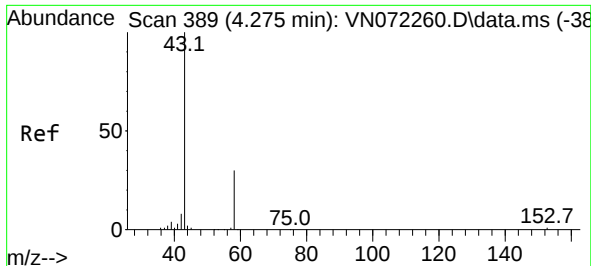
Tgt Ion: 94 Resp: 556
Ion Ratio Lower Upper
94 100
96 74.4 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.987 min Scan# 170
Delta R.T. -0.018 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

Tgt Ion: 64 Resp: 304
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

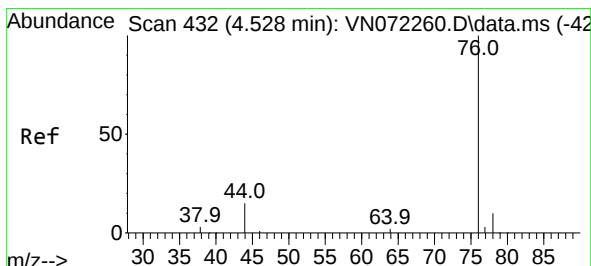
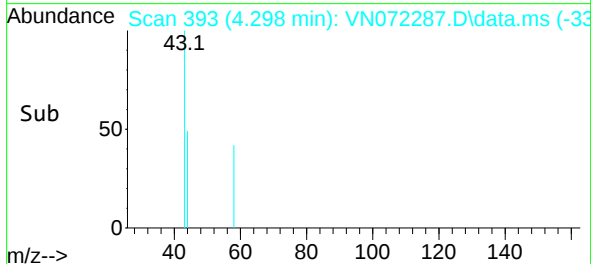
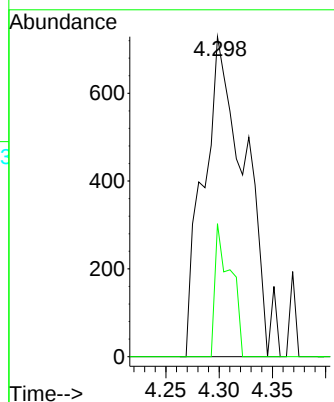
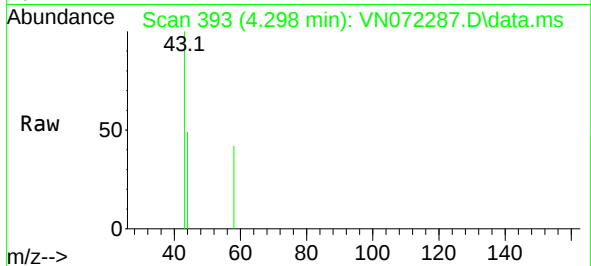




#16
Acetone
Concen: 1.510 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

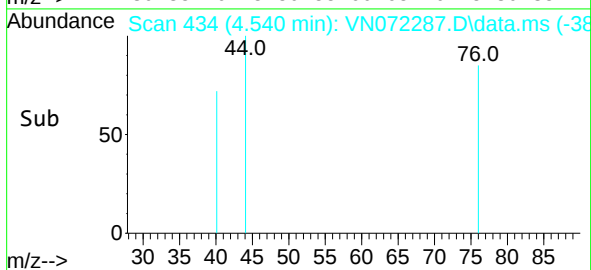
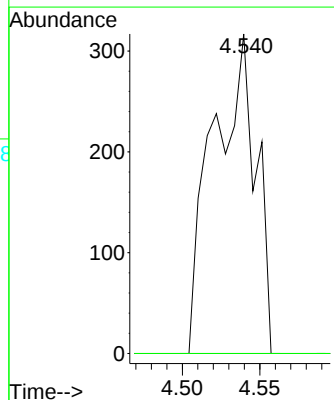
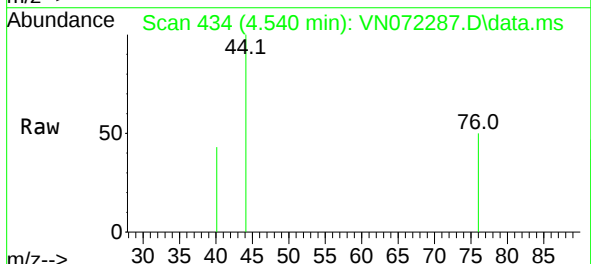
Instrument :
MSVOA_N
ClientSampleId :

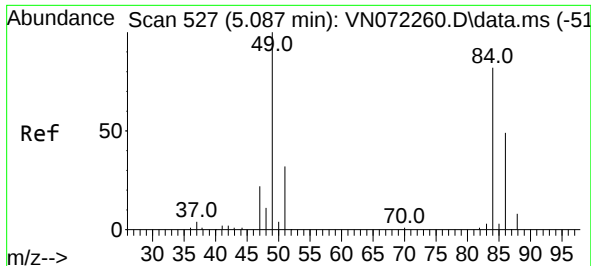
Tgt Ion: 43 Resp: 1982
Ion Ratio Lower Upper
43 100
58 41.6 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.498 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

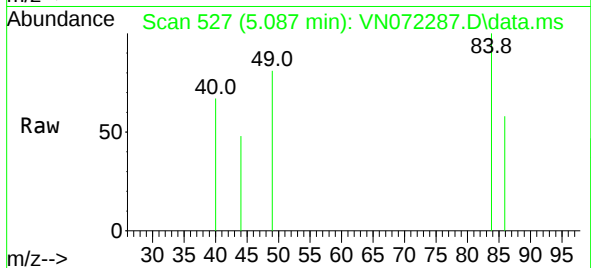
Tgt Ion: 76 Resp: 607
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





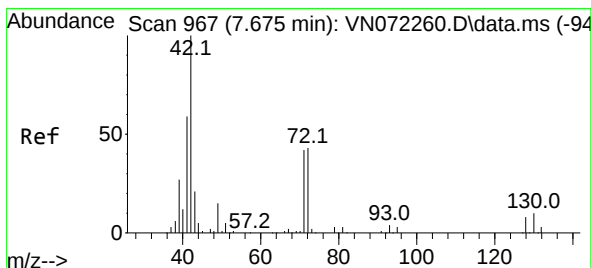
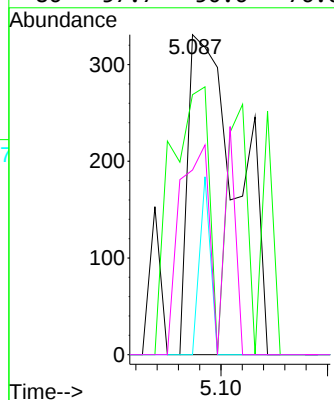
#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 535

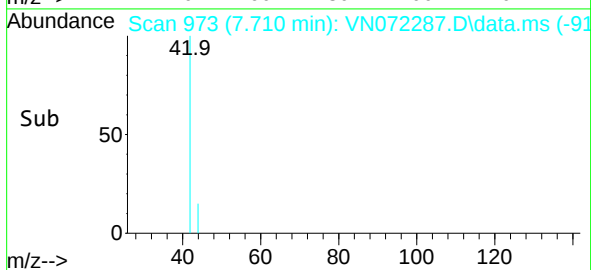
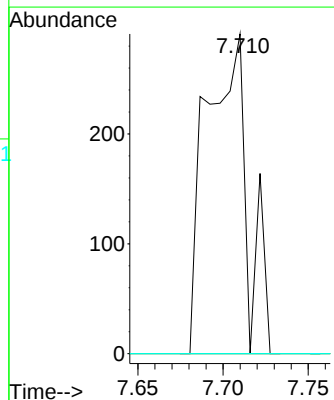
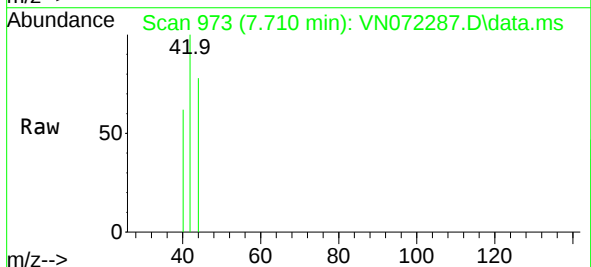
Ion	Ratio	Lower	Upper
84	100		
49	81.3	88.3	132.5#
51	0.0	28.2	42.2#
86	57.7	50.6	76.0

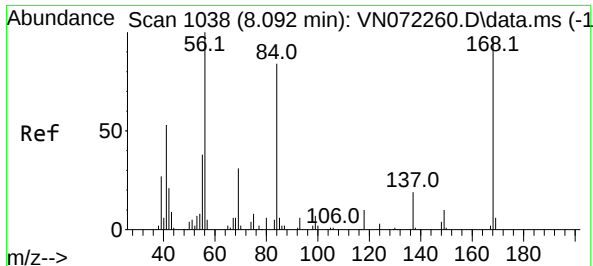


#29
Tetrahydrofuran
Concen: 0.356 ug/l
RT: 7.710 min Scan# 973
Delta R.T. 0.029 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

Tgt Ion: 42 Resp: 488

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.7	59.5#
71	0.0	36.6	55.0#





#31

Cyclohexane

Concen: 1.189 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

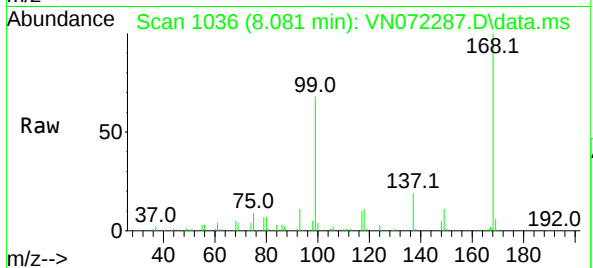
Lab File: VN072287.D

Acq: 02 May 2022 11:10

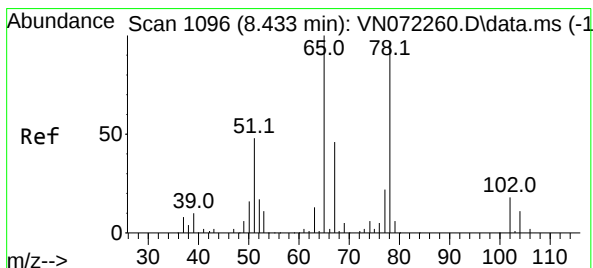
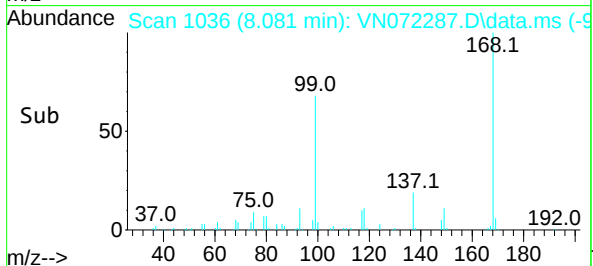
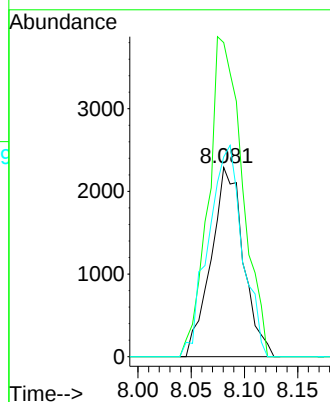
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	4836
Ion Ratio	100	Lower	Upper
56	100		
69	166.0	27.8	41.8#
84	105.6	76.9	115.3



#33

1,2-Dichloroethane-d4

Concen: 52.808 ug/l

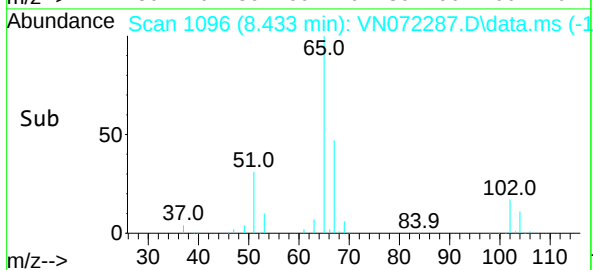
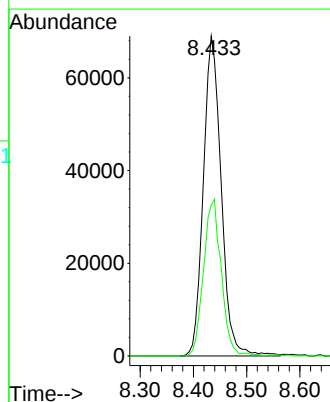
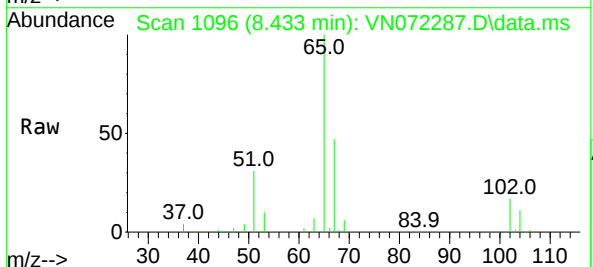
RT: 8.433 min Scan# 1096

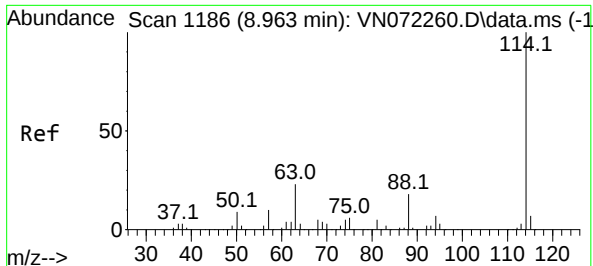
Delta R.T. -0.001 min

Lab File: VN072287.D

Acq: 02 May 2022 11:10

Tgt Ion:	65	Resp:	160811
Ion Ratio	100	Lower	Upper
65	100		
67	48.6	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072287.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

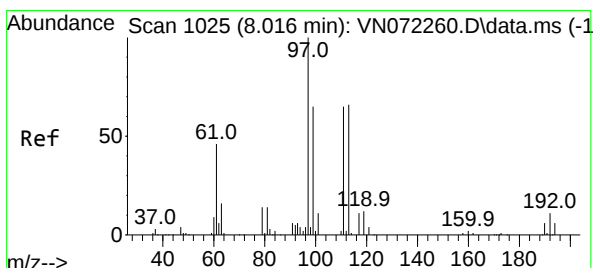
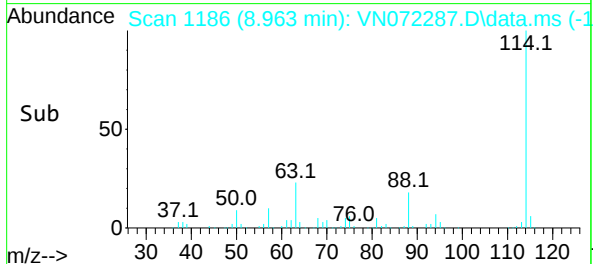
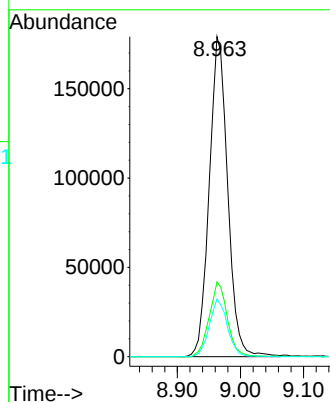
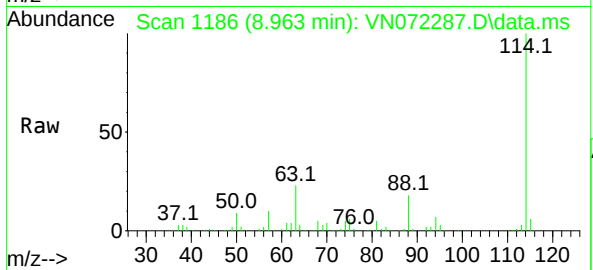
Tgt Ion:114 Resp: 363411

Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

88 18.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.255 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072287.D

Acq: 02 May 2022 11:10

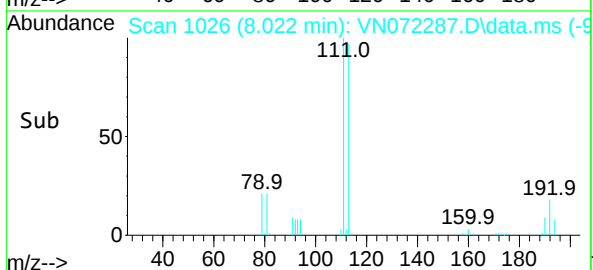
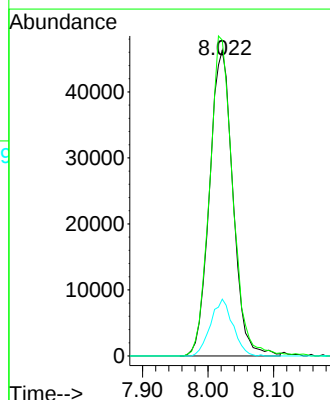
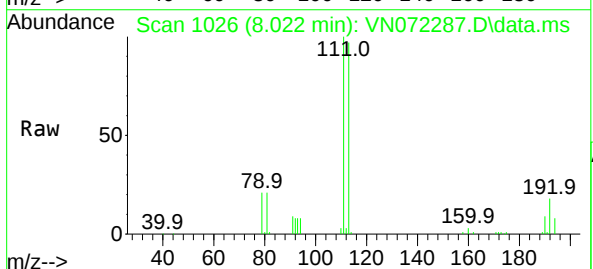
Tgt Ion:113 Resp: 114569

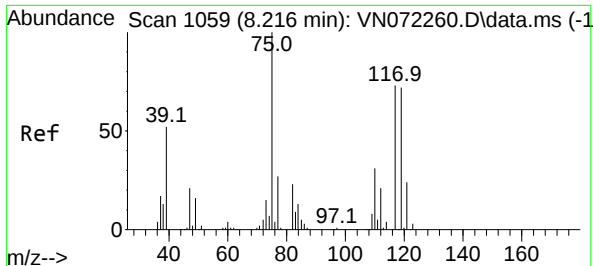
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 17.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.186 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

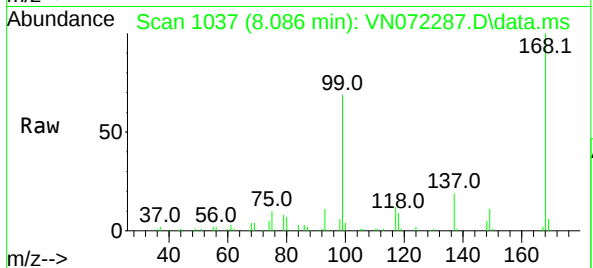
Lab File: VN072287.D

Acq: 02 May 2022 11:10

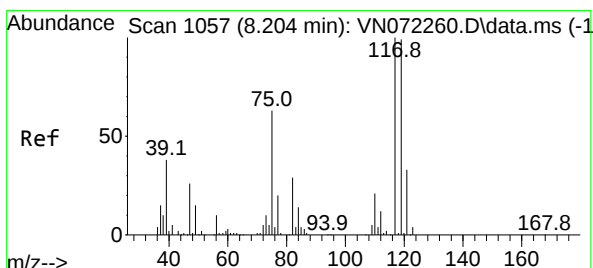
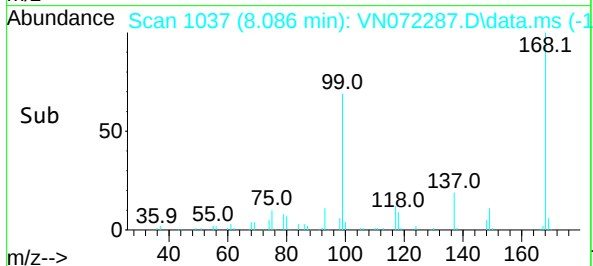
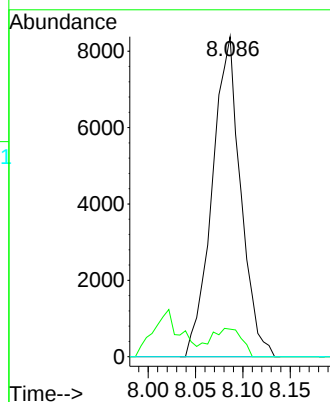
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 17557
Ion Ratio	Lower Upper
75	100
110	9.8 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.288 ug/l

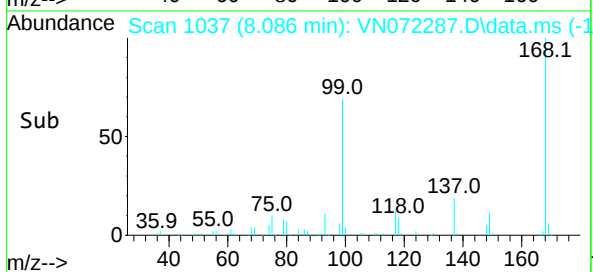
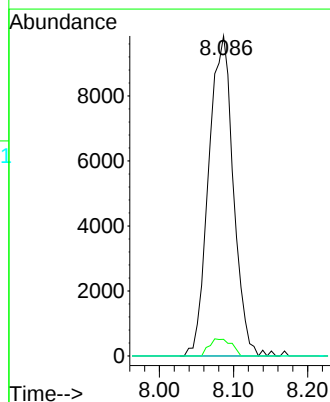
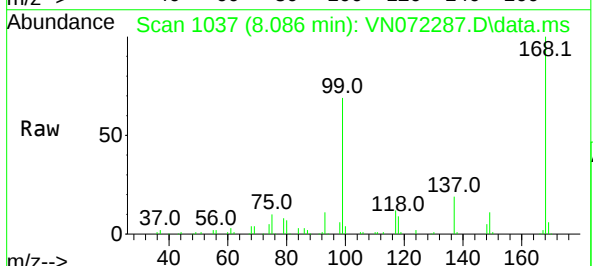
RT: 8.086 min Scan# 1037

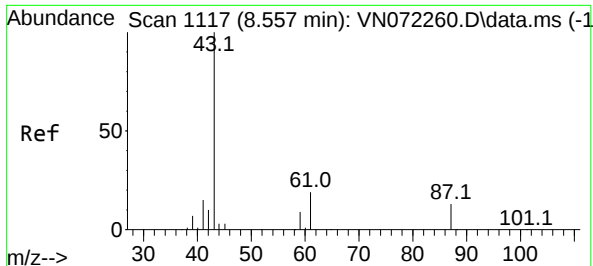
Delta R.T. -0.118 min

Lab File: VN072287.D

Acq: 02 May 2022 11:10

Tgt Ion: 117	Resp: 22802
Ion Ratio	Lower Upper
117	100
119	5.2 75.8 113.8#
121	0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.856 ug/l

RT: 8.604 min Scan# 1117

Delta R.T. 0.047 min

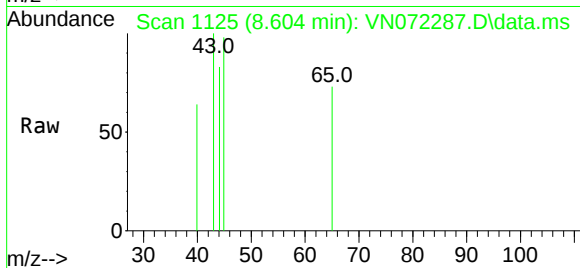
Lab File: VN072287.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :



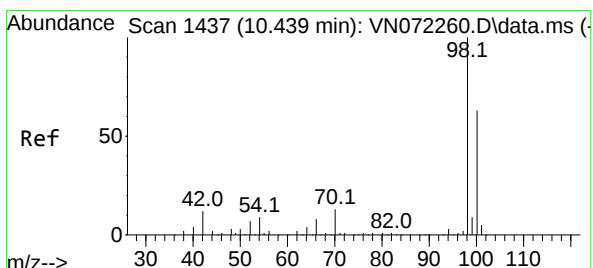
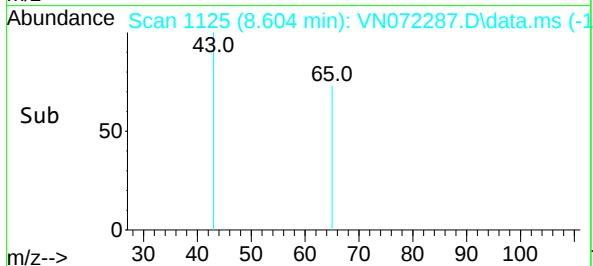
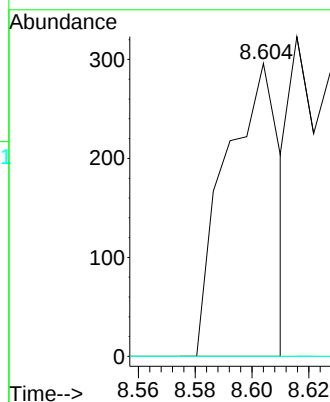
Tgt Ion: 43 Resp: 391

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 50.631 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072287.D

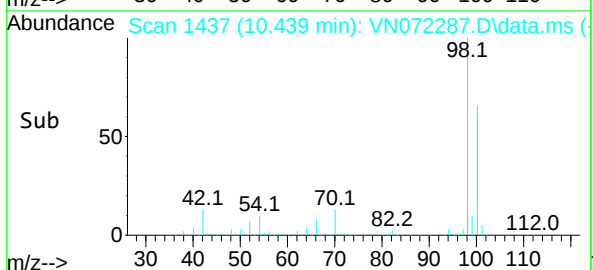
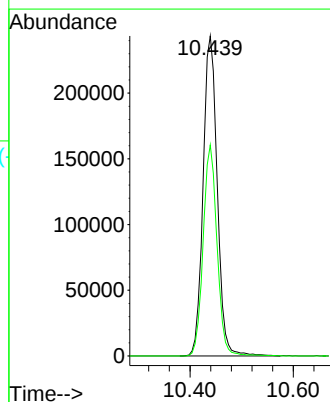
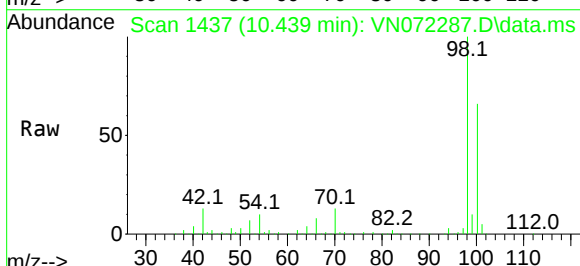
Acq: 02 May 2022 11:10

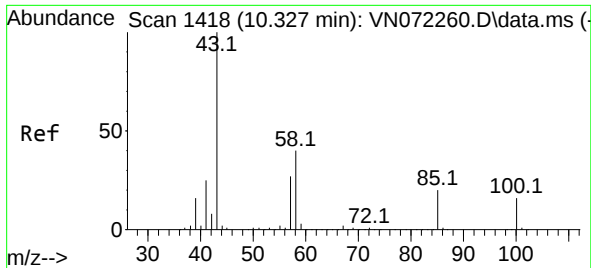
Tgt Ion: 98 Resp: 462765

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8

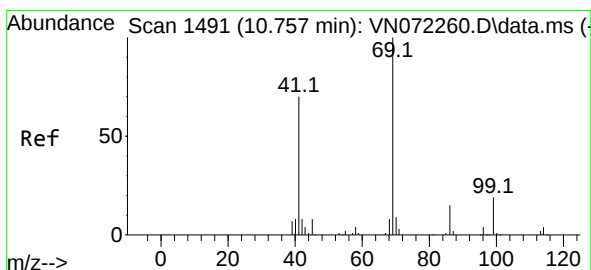
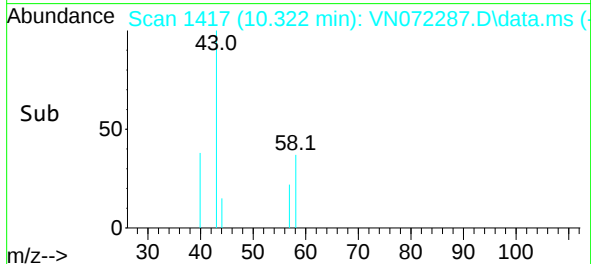
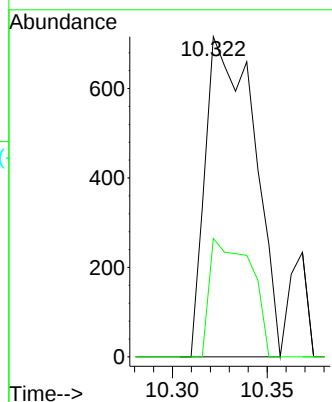
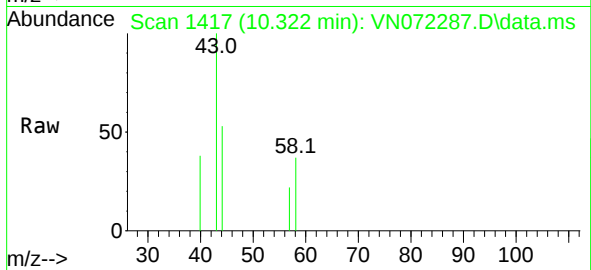




#51
4-Methyl-2-Pentanone
Concen: 0.301 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

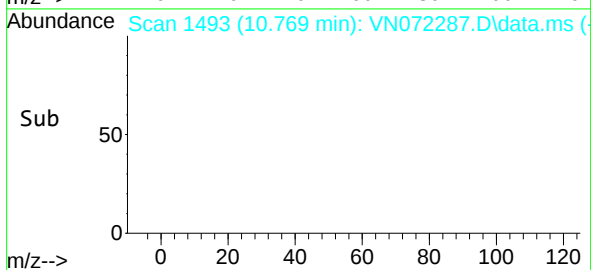
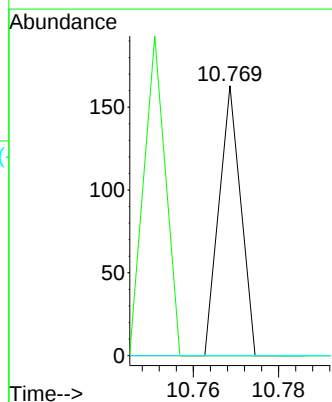
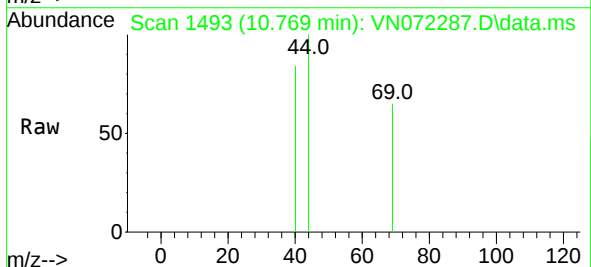
Instrument :
MSVOA_N
ClientSampleId :

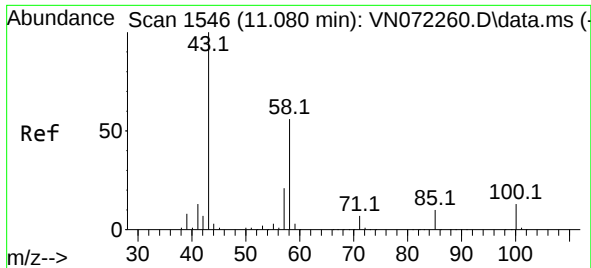
Tgt Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
58 31.1 34.1 51.1#



#56
Ethyl methacrylate
Concen: 2.377 ug/l
RT: 10.769 min Scan# 1493
Delta R.T. 0.012 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

Tgt Ion: 69 Resp: 57
Ion Ratio Lower Upper
69 100
41 119.3 47.8 71.6#
39 0.0 27.3 40.9#

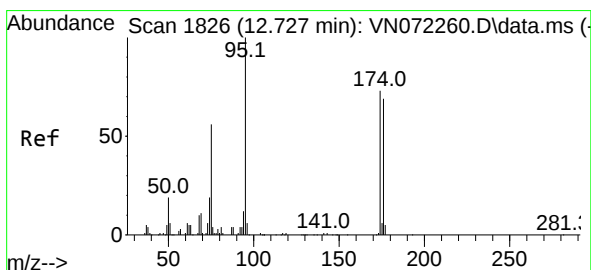
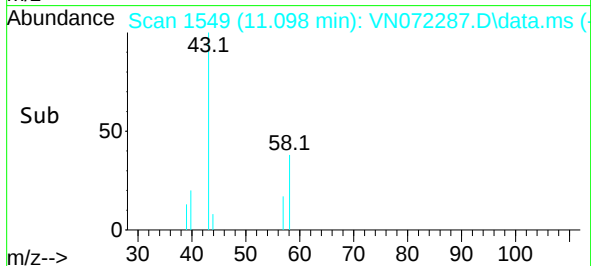
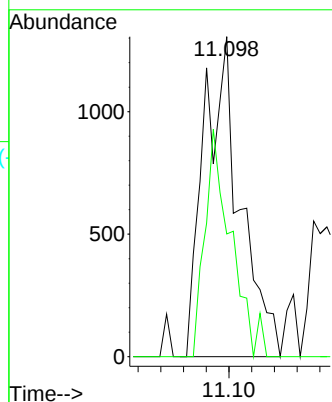
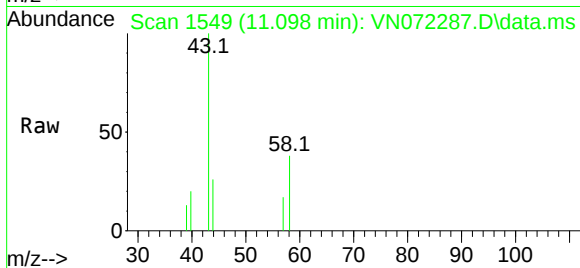




#59
2-Hexanone
Concen: 0.967 ug/l
RT: 11.098 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

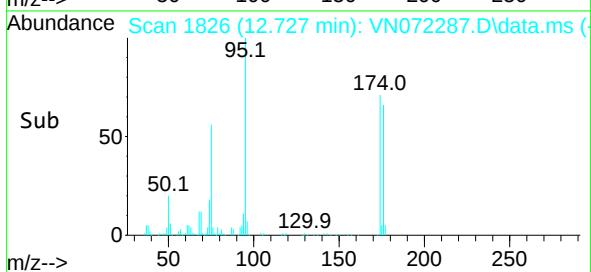
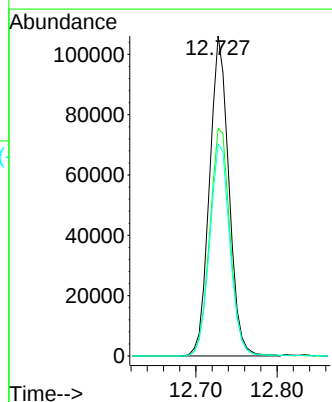
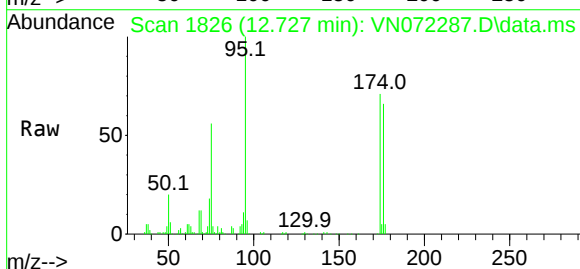
Instrument :
MSVOA_N
ClientSampleId :

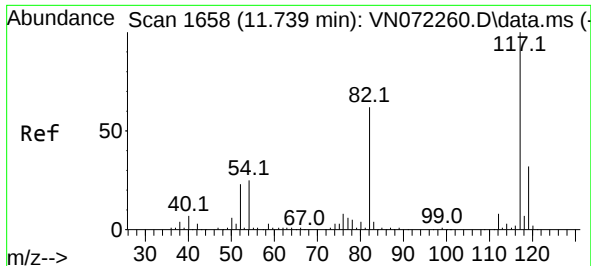
Tgt Ion: 43 Resp: 2889
Ion Ratio Lower Upper
43 100
58 51.1 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 57.899 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

Tgt Ion: 95 Resp: 175650
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 69.2 0.0 163.4

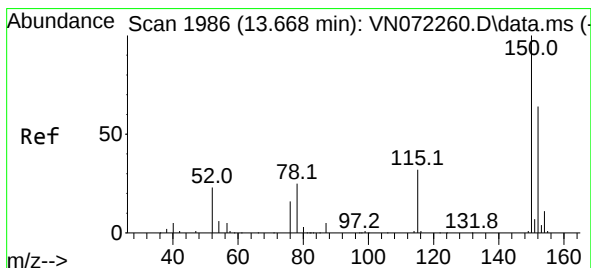
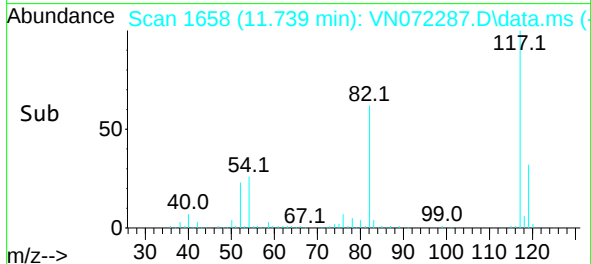
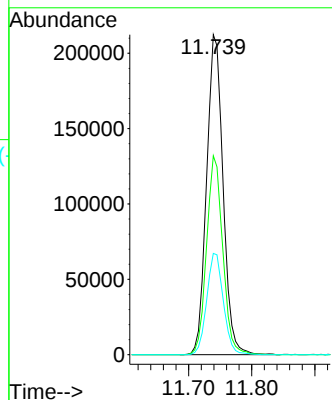
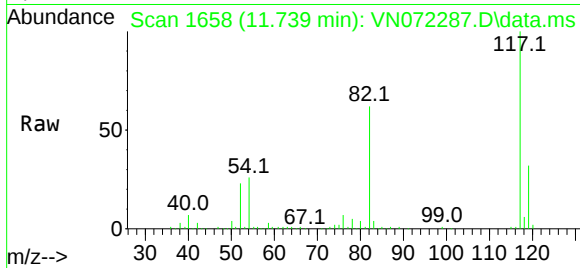




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

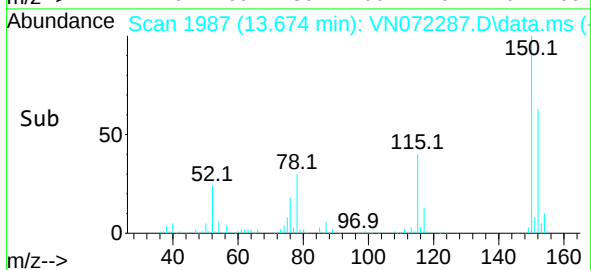
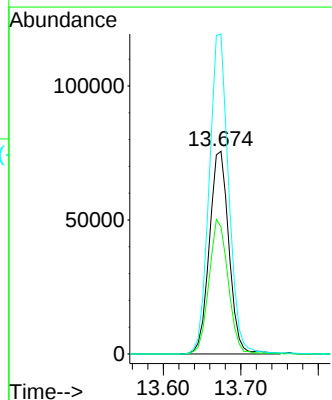
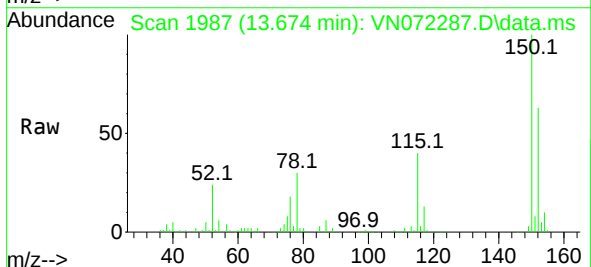
Instrument :
MSVOA_N
ClientSampleId :

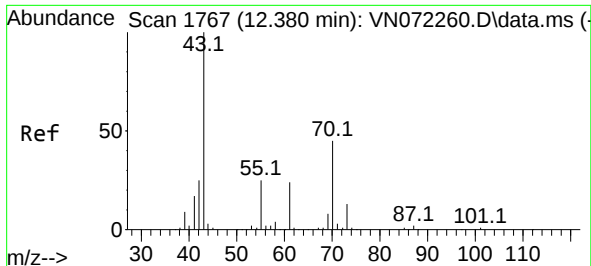
Tgt Ion:117 Resp: 383707
Ion Ratio Lower Upper
117 100
82 62.2 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

Tgt Ion:152 Resp: 132673
Ion Ratio Lower Upper
152 100
115 65.1 28.9 86.7
150 156.9 0.0 356.2

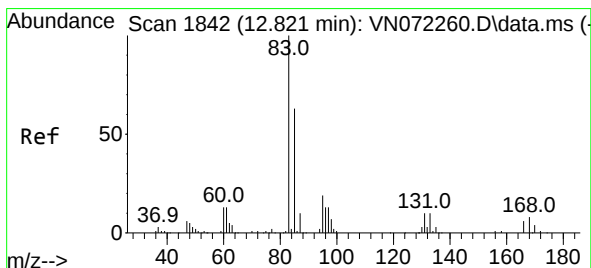
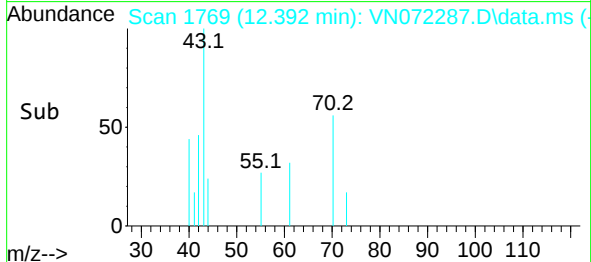
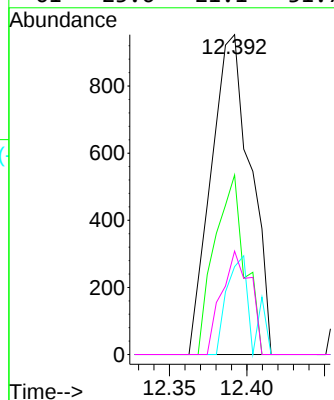
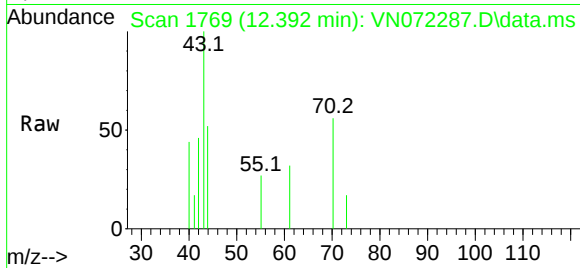




#74
N-amy1 acetate
Concen: 0.383 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.012 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

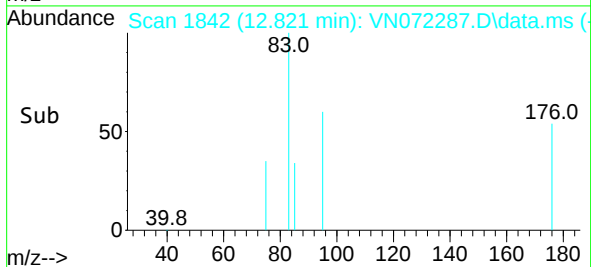
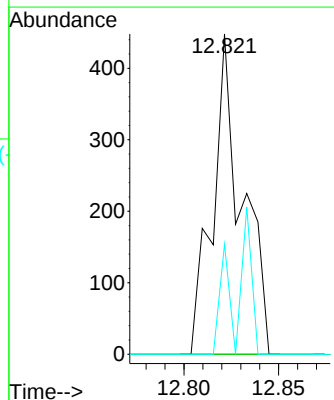
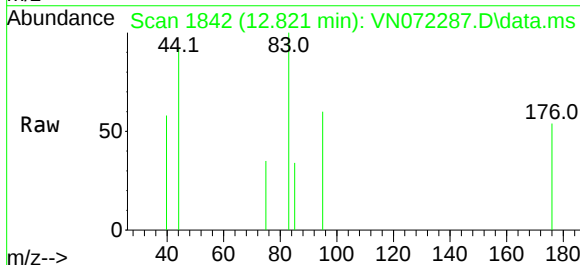
Instrument :
MSVOA_N
ClientSampleId :

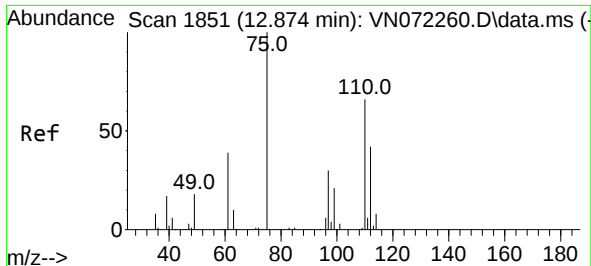
Tgt Ion: 43	Resp: 1680
Ion Ratio	Lower Upper
43 100	
70 43.1	39.0 58.4
55 19.2	21.1 31.7#
61 23.6	21.1 31.7



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

Tgt Ion: 83	Resp: 483
Ion Ratio	Lower Upper
83 100	
131 0.0	5.3 15.9#
85 11.2	32.3 96.9#

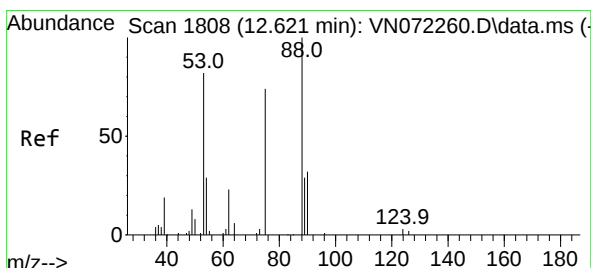
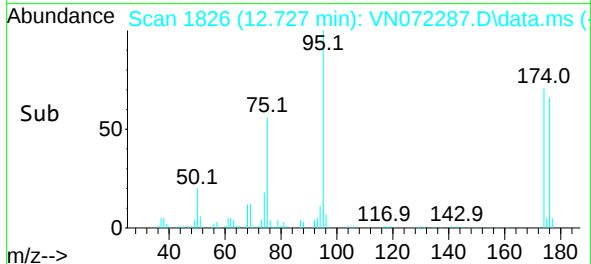
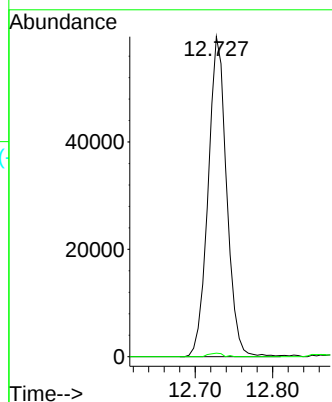
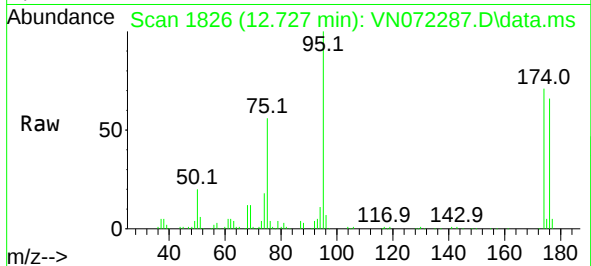




#76
1,2,3-Trichloropropane
Concen: 33.167 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

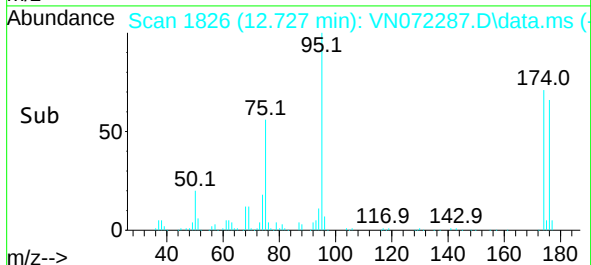
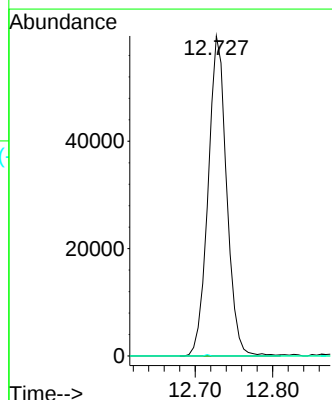
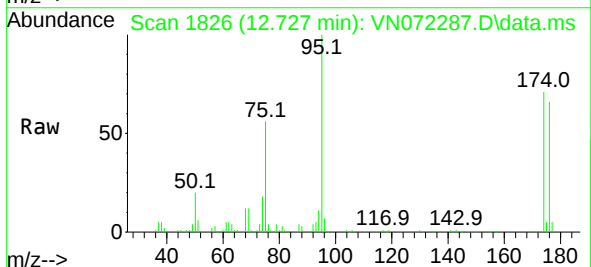
Instrument :
MSVOA_N
ClientSampleId :

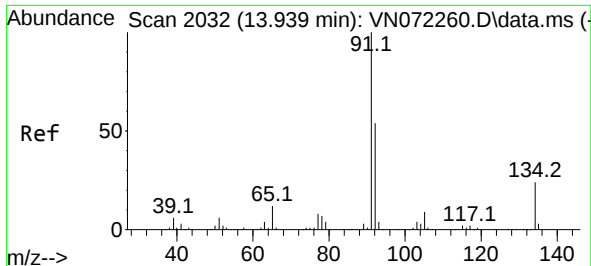
Tgt Ion: 75 Resp: 99017
Ion Ratio Lower Upper
75 100
77 0.8 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.295 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

Tgt Ion: 75 Resp: 99017
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#





#89

n-Butylbenzene

Concen: 0.296 ug/l

RT: 13.945 min Scan# 2033

Delta R.T. 0.006 min

Lab File: VN072287.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

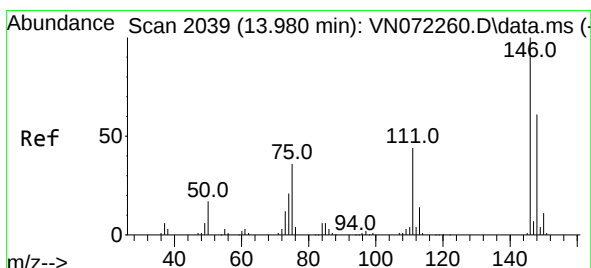
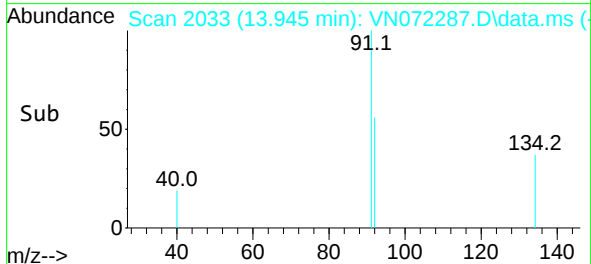
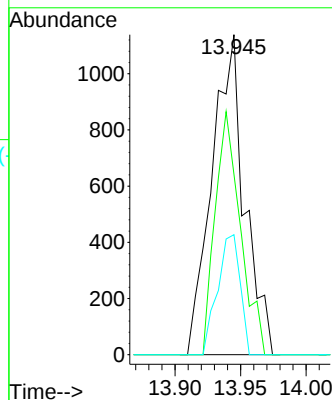
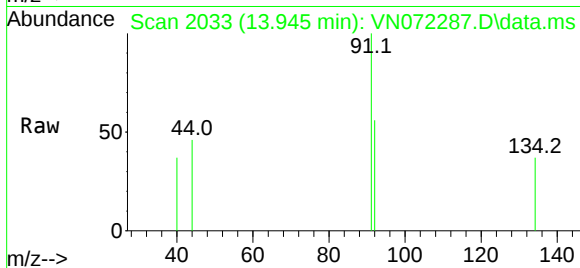
Tgt Ion: 91 Resp: 1973

Ion Ratio Lower Upper

91 100

92 58.6 26.9 80.7

134 25.8 13.6 40.8



#91

1,2-Dichlorobenzene

Concen: 0.260 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072287.D

Acq: 02 May 2022 11:10

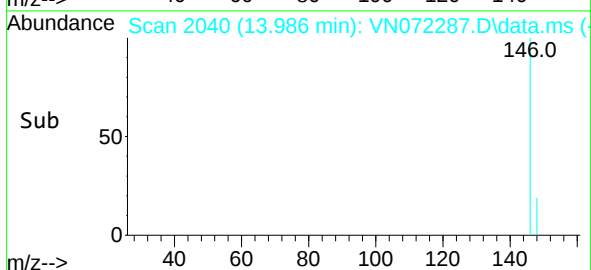
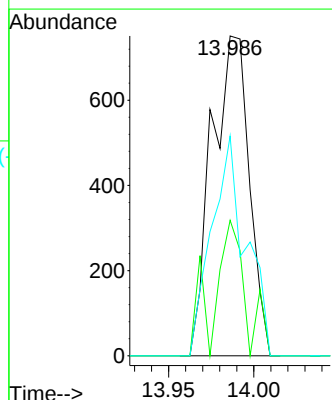
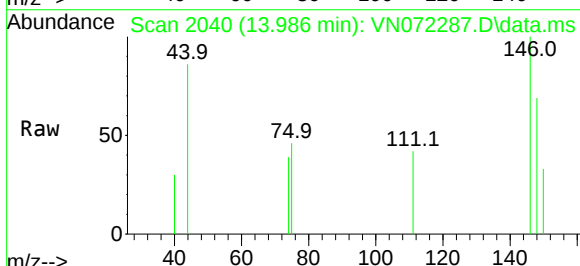
Tgt Ion: 146 Resp: 1149

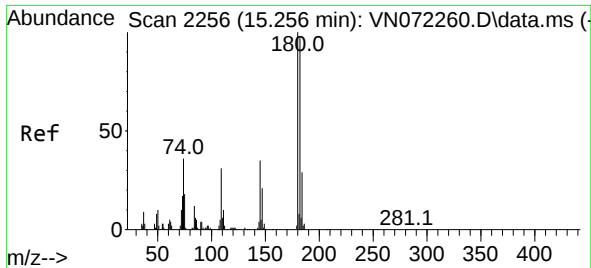
Ion Ratio Lower Upper

146 100

111 35.6 20.9 62.8

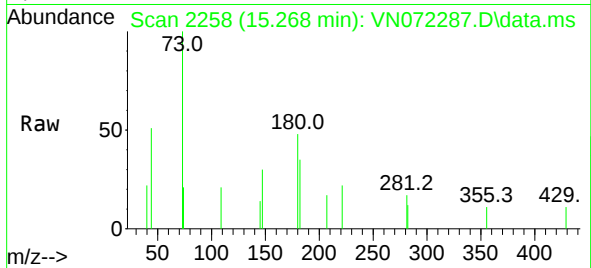
148 62.6 32.1 96.3



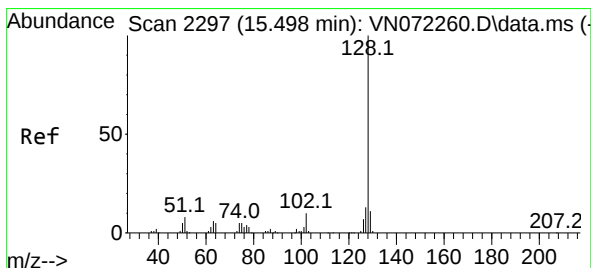
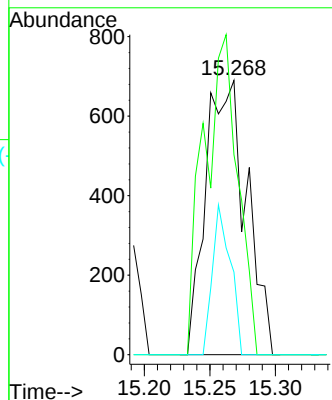
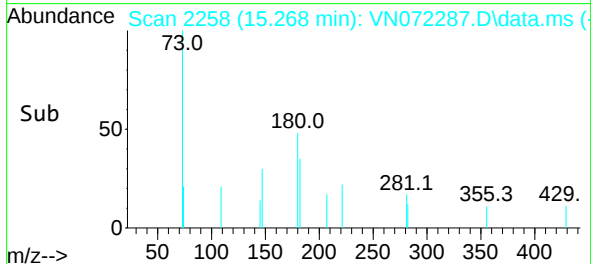


#93
1,2,4-Trichlorobenzene
Concen: 3.115 ug/l
RT: 15.268 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10

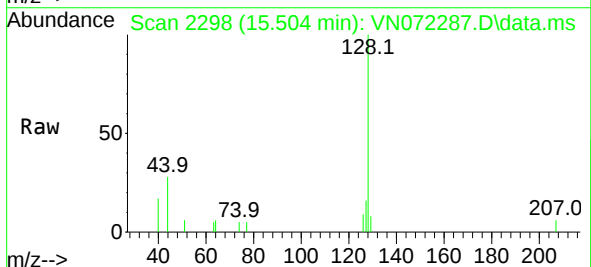
Instrument :
MSVOA_N
ClientSampleId :



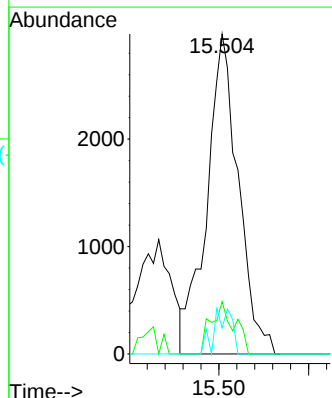
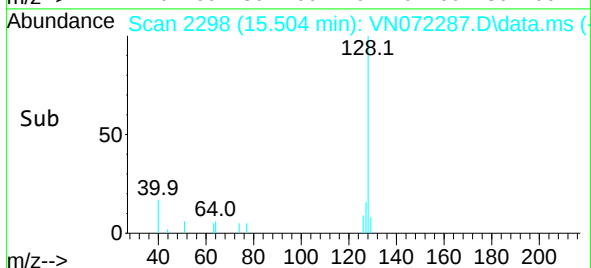
Tgt Ion:180 Resp: 1492
Ion Ratio Lower Upper
180 100
182 97.1 47.5 142.5
145 24.2 14.5 43.5

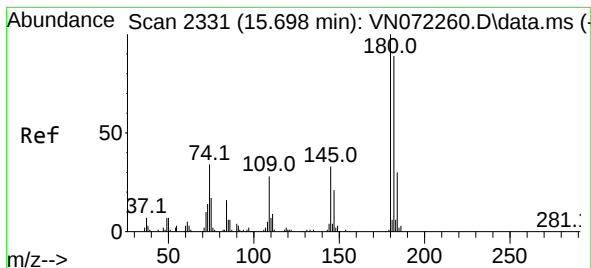


#95
Naphthalene
Concen: 5.264 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072287.D
Acq: 02 May 2022 11:10



Tgt Ion:128 Resp: 7252
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 8.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 3.539 ug/l

RT: 15.698 min Scan# 21

Delta R.T. 0.006 min

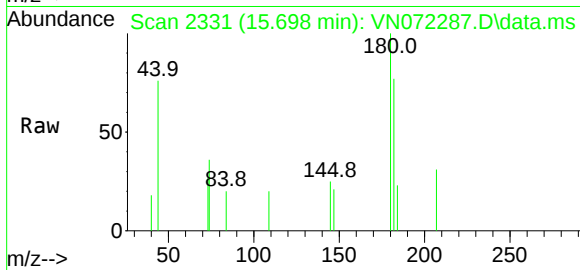
Lab File: VN072287.D

Acq: 02 May 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1863

Ion Ratio Lower Upper

180 100

182 96.8 47.8 143.3

145 30.1 15.5 46.5

