

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050622\
 Data File : VN072349.D
 Acq On : 06 May 2022 12:44
 Operator : JC\MD
 Sample : VN0506WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBL01

Quant Time: May 09 03:11:32 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)

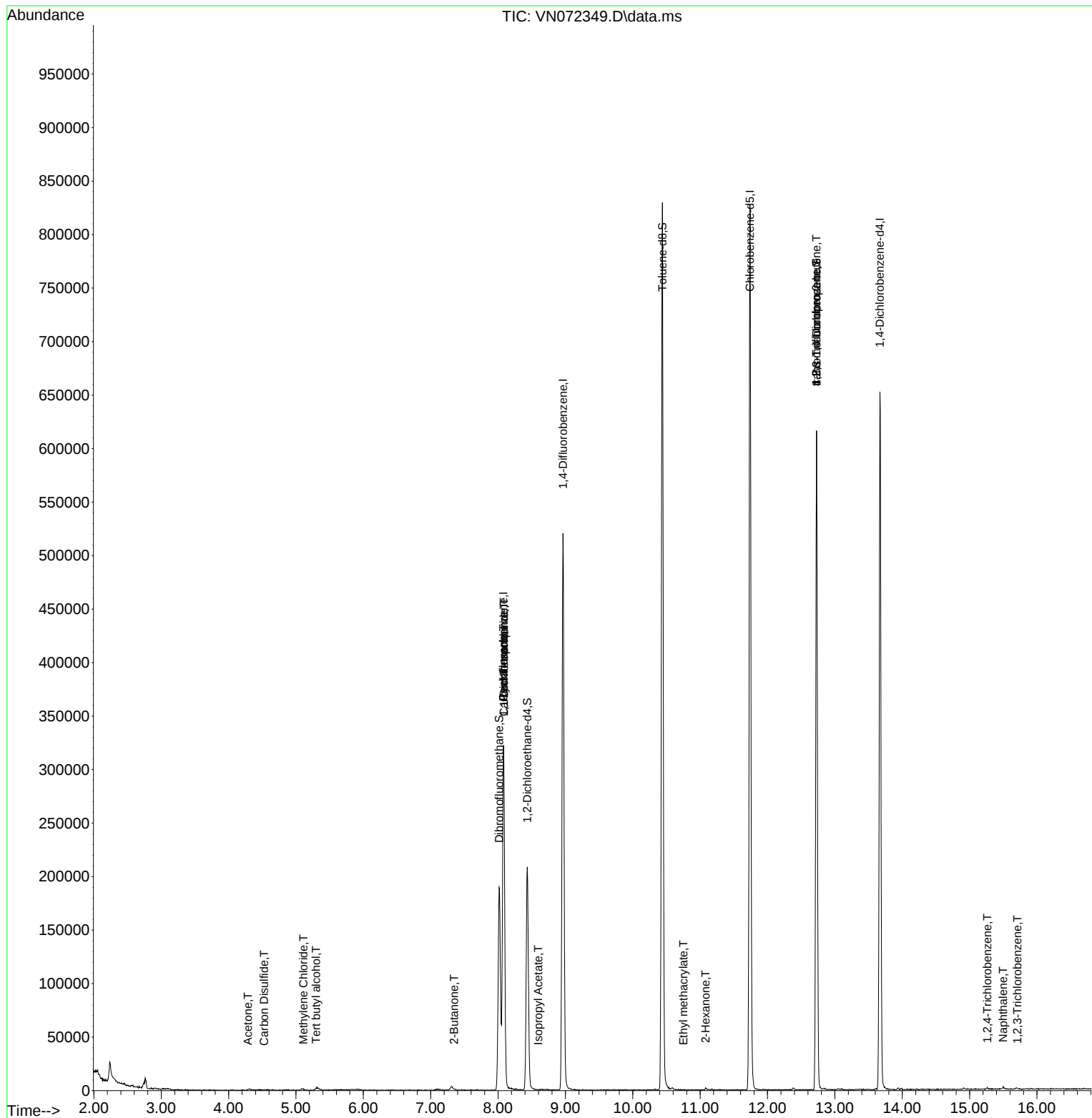
Internal Standards						
1) Pentafluorobenzene	8.081	168	236825	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	443529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	476570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	177845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	178573	49.115	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.240%		
35) Dibromofluoromethane	8.016	113	139166	49.022	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.040%		
50) Toluene-d8	10.439	98	566957	50.826	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.660%		
62) 4-Bromofluorobenzene	12.727	95	210503	56.854	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.700%		
Target Compounds						
						Qvalue
3) Chloromethane	2.305	50	1153	Below Cal	#	43
5) Bromomethane	2.852	94	603	Below Cal	#	59
6) Chloroethane	2.999	64	370	Below Cal	#	42
11) Tert butyl alcohol	5.298	59	2481	4.152	ug/l #	72
16) Acetone	4.287	43	1190	0.759	ug/l #	42
17) Carbon Disulfide	4.528	76	177	0.396	ug/l #	75
20) Methylene Chloride	5.110	84	1269	0.422	ug/l #	60
25) 2-Butanone	7.345	43	1019	0.408	ug/l #	45
31) Cyclohexane	8.081	56	5675	1.168	ug/l #	41
36) 1,1-Dichloropropene	8.087	75	19166	4.638	ug/l #	50
38) Carbon Tetrachloride	8.087	117	25816	5.833	ug/l #	16
43) Isopropyl Acetate	8.598	43	63	0.808	ug/l #	53
56) Ethyl methacrylate	10.751	69	122	2.386	ug/l #	72
59) 2-Hexanone	11.080	43	1560	0.428	ug/l	77
75) 1,1,2,2-Tetrachloroethane	12.827	83	55	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	111162	27.822	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	111162	72.272	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.263	180	826	2.707	ug/l #	71
95) Naphthalene	15.498	128	3273	4.624	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.710	180	874	2.976	ug/l #	15

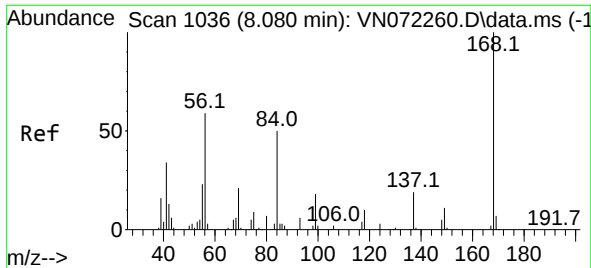
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050622\
Data File : VN072349.D
Acq On : 06 May 2022 12:44
Operator : JC\MD
Sample : VN0506WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBL01

Quant Time: May 09 03:11:32 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

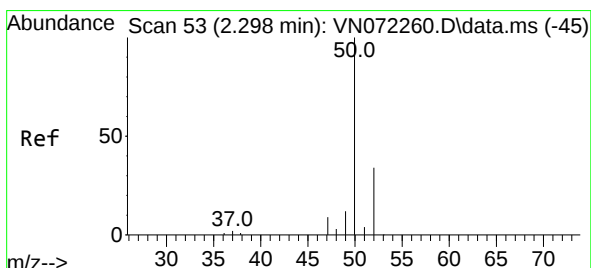
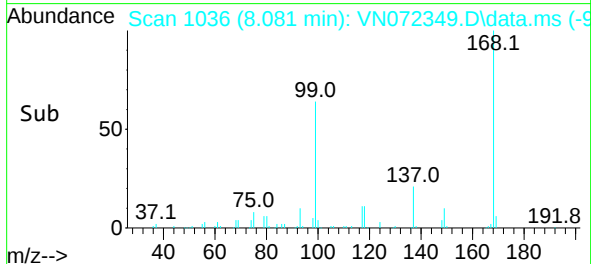
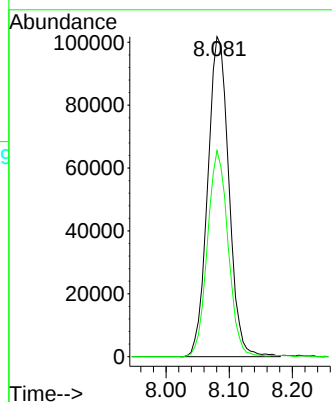
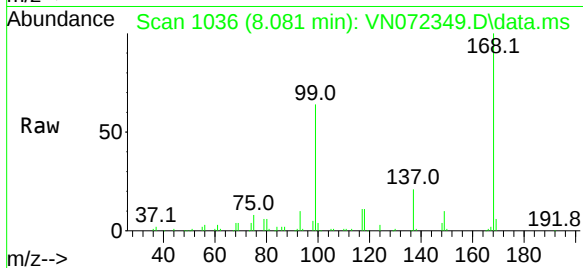




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

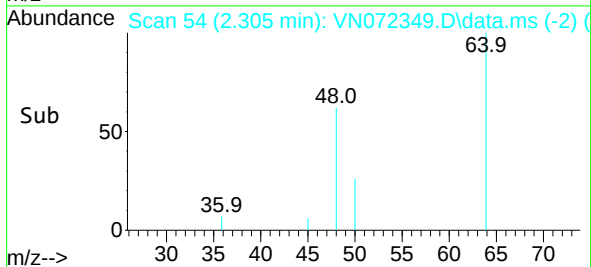
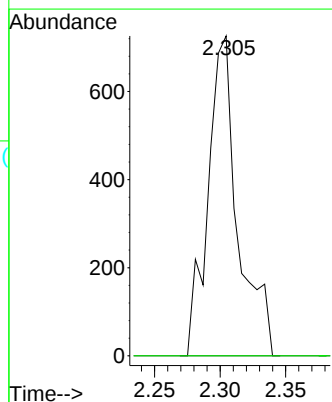
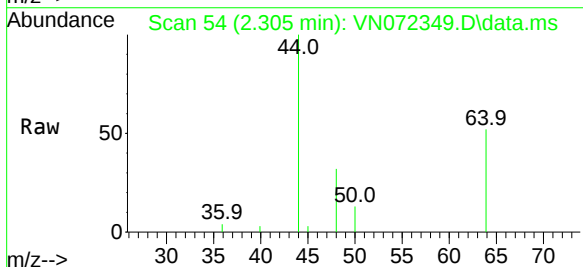
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBL01

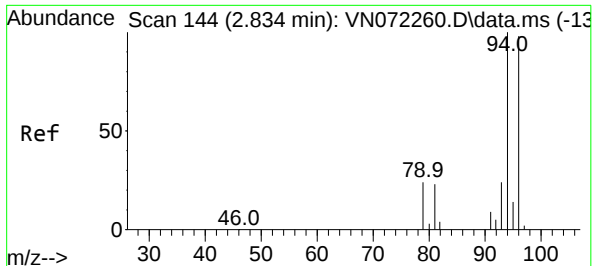
Tgt Ion:168 Resp: 236825
Ion Ratio Lower Upper
168 100
99 64.4 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

Tgt Ion: 50 Resp: 1153
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.852 min Scan# 144

Delta R.T. 0.018 min

Lab File: VN072349.D

Acq: 06 May 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

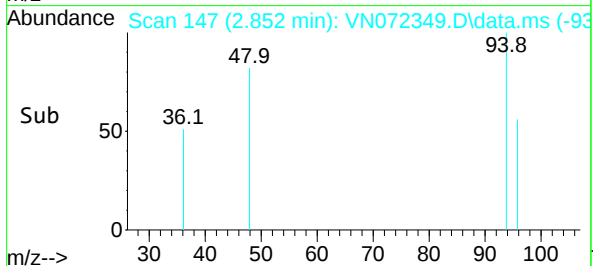
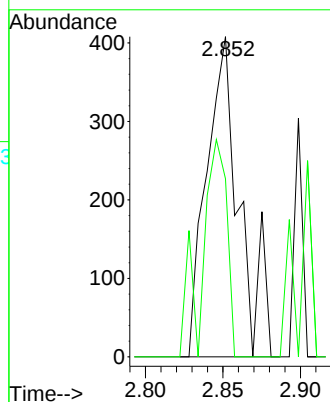
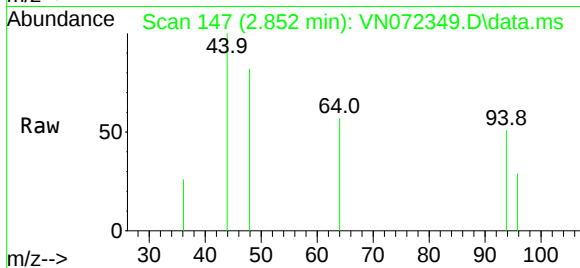
VN0506WBL01

Tgt Ion: 94 Resp: 603

Ion Ratio Lower Upper

94 100

96 55.6 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 2.999 min Scan# 172

Delta R.T. -0.006 min

Lab File: VN072349.D

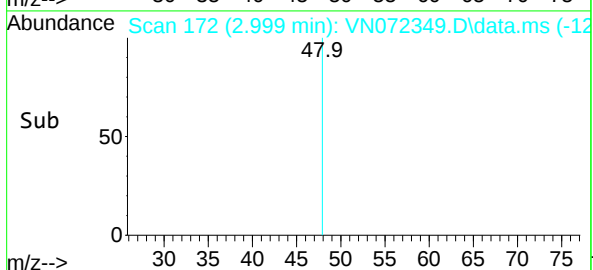
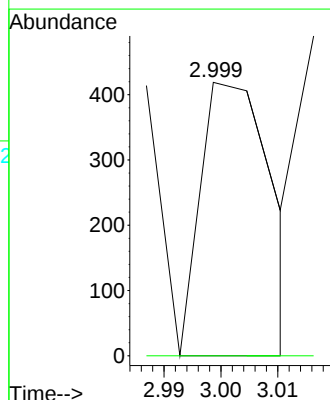
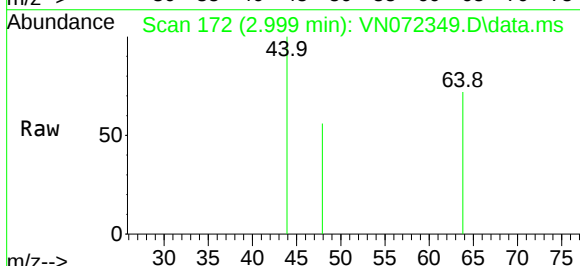
Acq: 06 May 2022 12:44

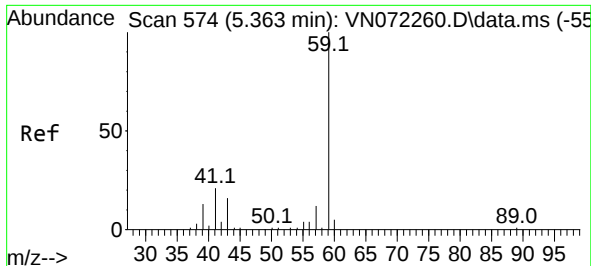
Tgt Ion: 64 Resp: 370

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

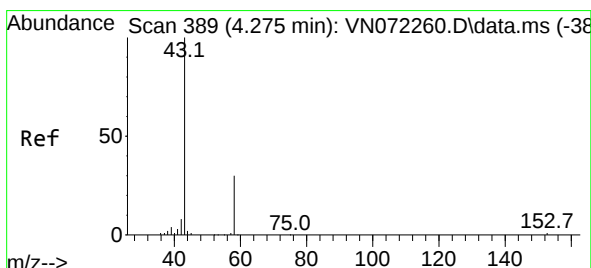
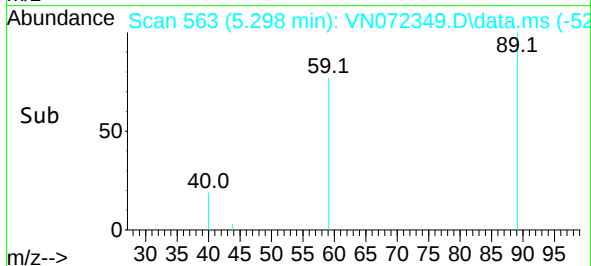
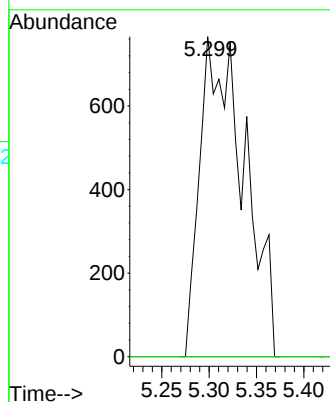
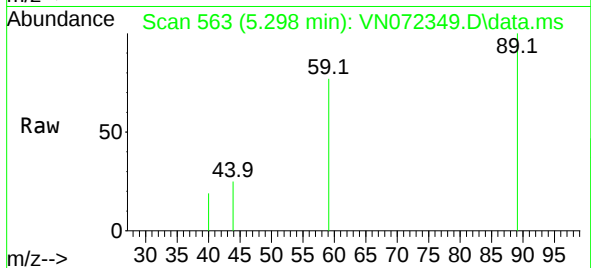




#11
Tert butyl alcohol
Concen: 4.152 ug/l
RT: 5.298 min Scan# 50
Delta R.T. -0.065 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

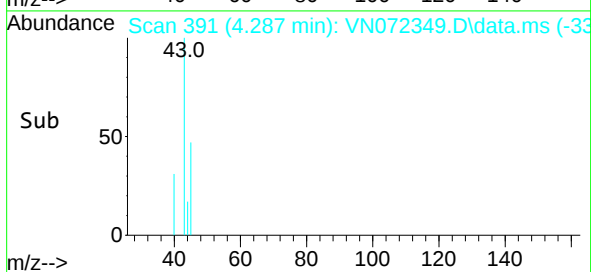
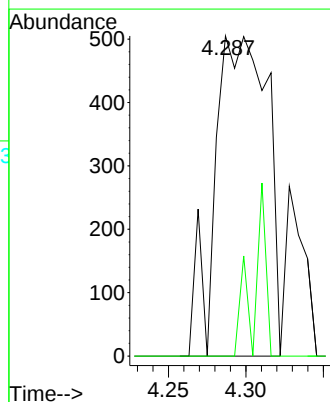
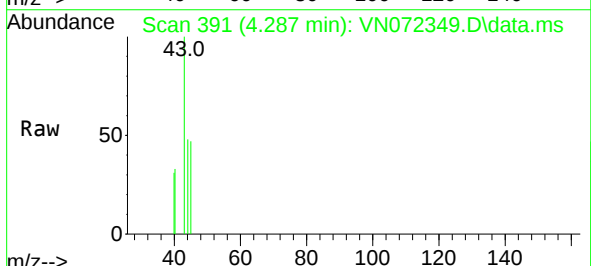
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBL01

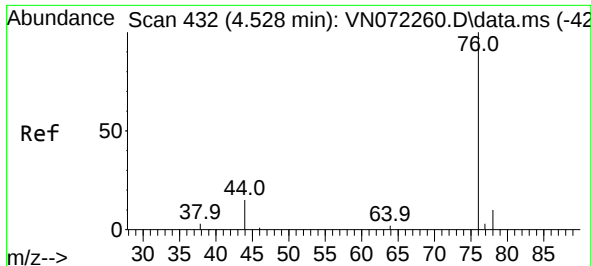
Tgt Ion: 59 Resp: 2481
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.759 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#17

Carbon Disulfide

Concen: 0.396 ug/l

RT: 4.528 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN072349.D

Acq: 06 May 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

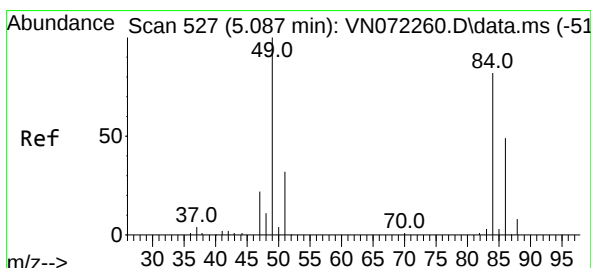
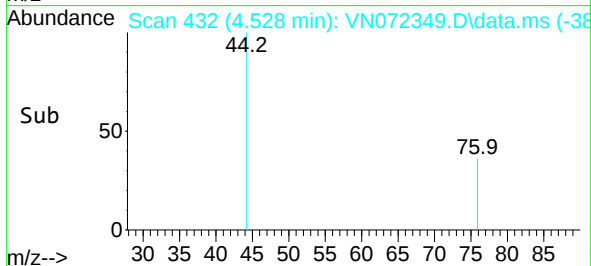
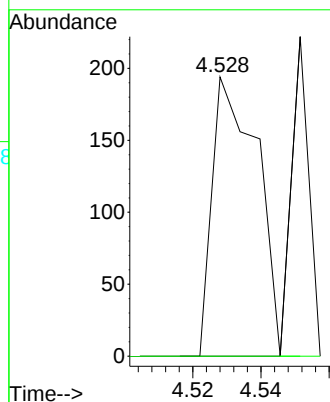
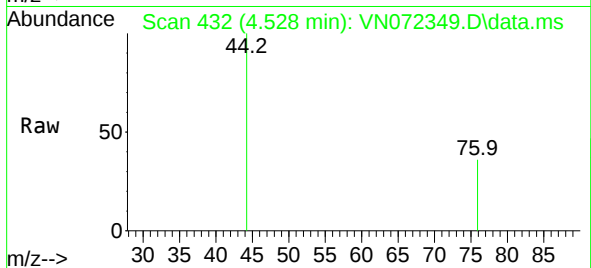
VN0506WBL01

Tgt Ion: 76 Resp: 177

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.422 ug/l

RT: 5.110 min Scan# 531

Delta R.T. 0.023 min

Lab File: VN072349.D

Acq: 06 May 2022 12:44

Tgt Ion: 84 Resp: 1269

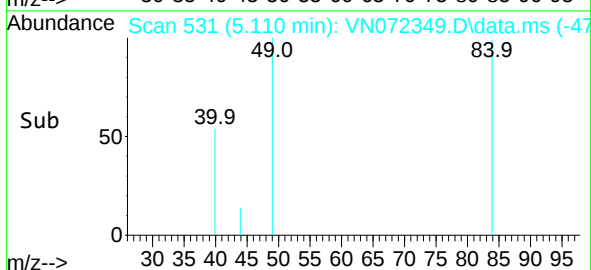
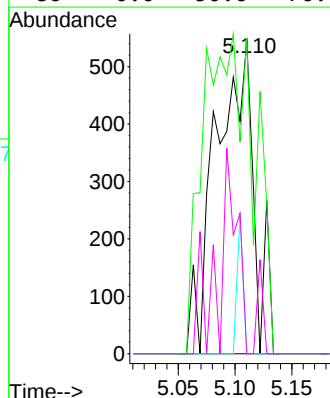
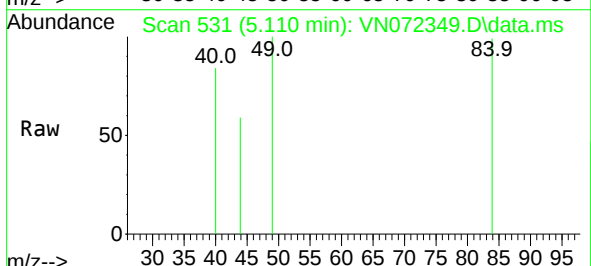
Ion Ratio Lower Upper

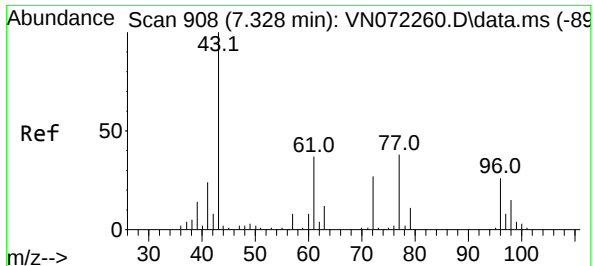
84 100

49 100.7 88.3 132.5

51 0.0 28.2 42.2#

86 0.0 50.6 76.0#





#25

2-Butanone

Concen: 0.408 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN072349.D

Acq: 06 May 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

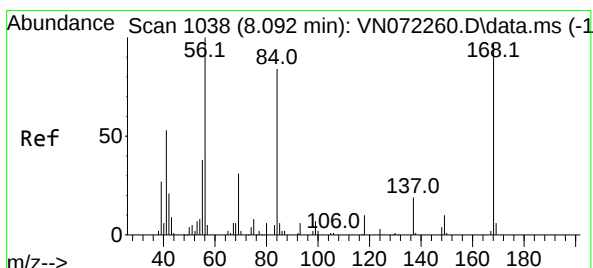
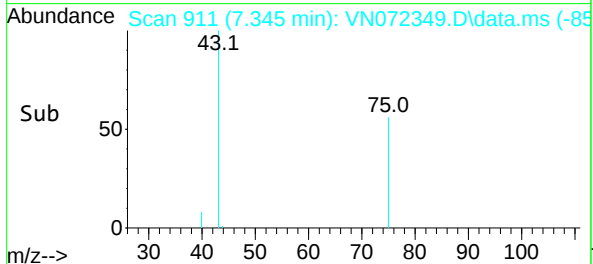
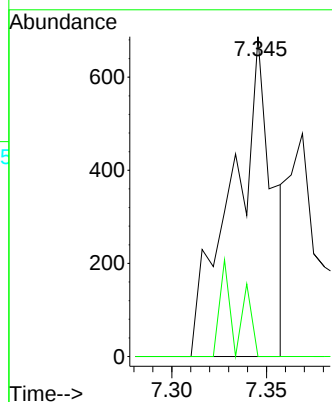
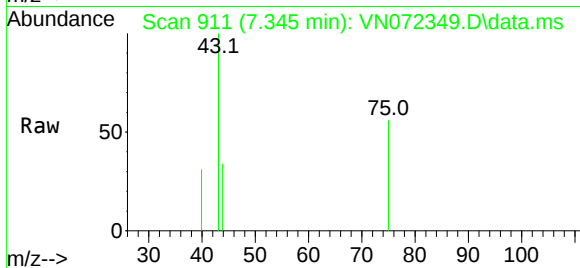
VN0506WBL01

Tgt Ion: 43 Resp: 1019

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.168 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072349.D

Acq: 06 May 2022 12:44

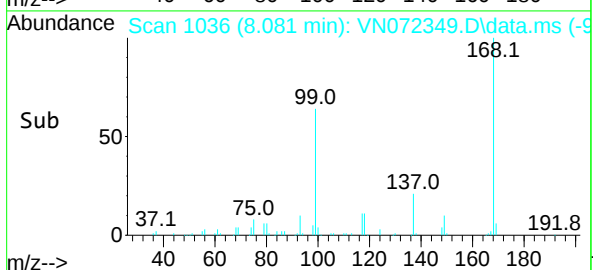
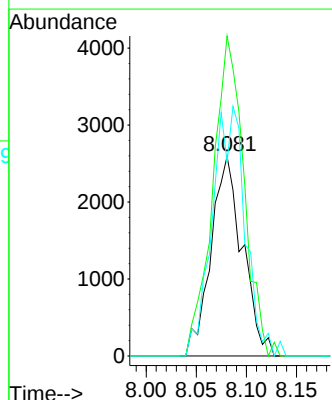
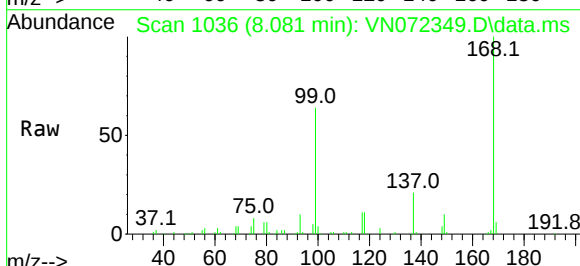
Tgt Ion: 56 Resp: 5675

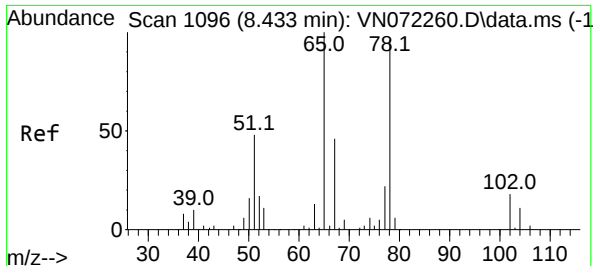
Ion Ratio Lower Upper

56 100

69 160.1 27.8 41.8#

84 97.5 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 49.115 ug/l

RT: 8.434 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN072349.D

Acq: 06 May 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

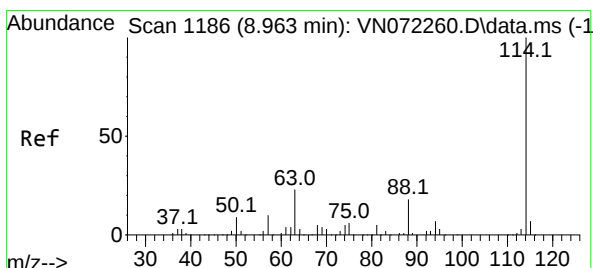
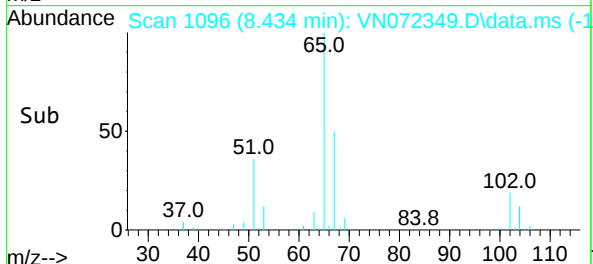
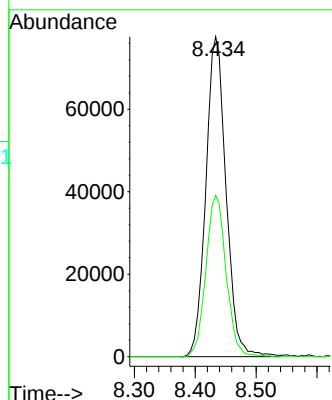
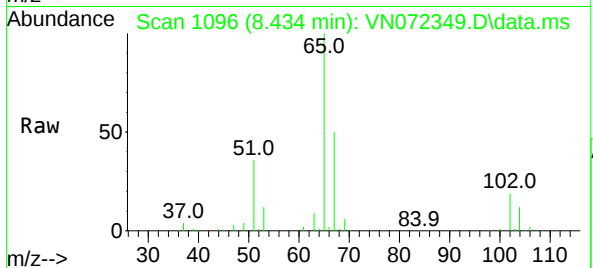
VN0506WBL01

Tgt Ion: 65 Resp: 178573

Ion Ratio Lower Upper

65 100

67 50.4 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: VN072349.D

Acq: 06 May 2022 12:44

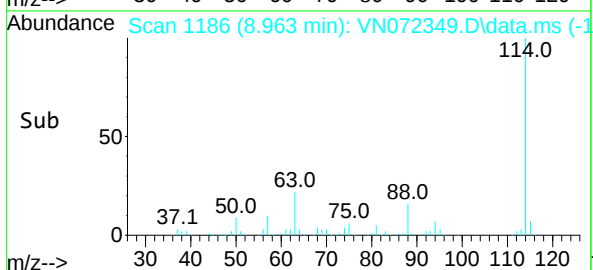
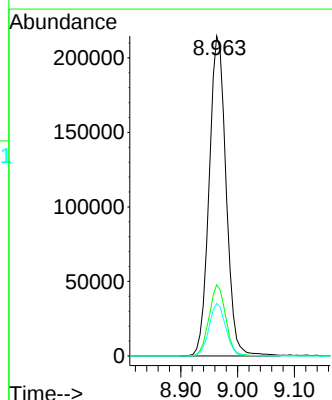
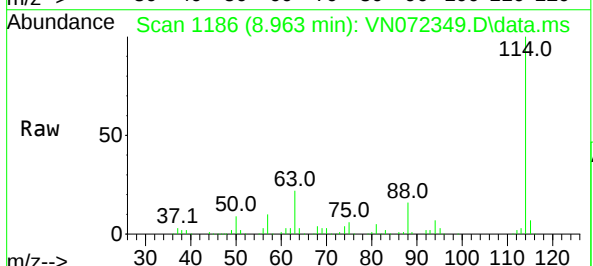
Tgt Ion: 114 Resp: 443529

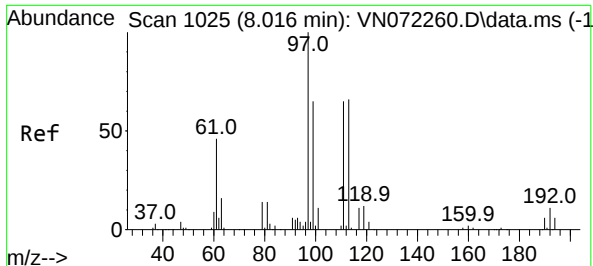
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.022 ug/l

RT: 8.016 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VN072349.D

Acq: 06 May 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBL01

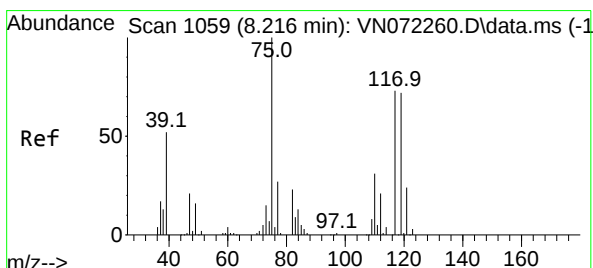
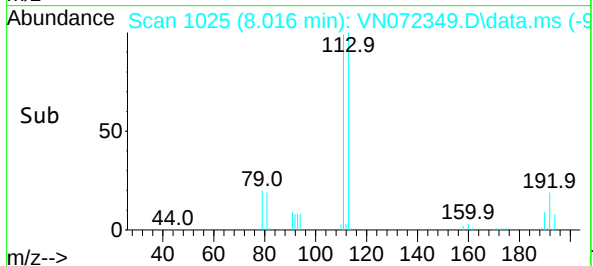
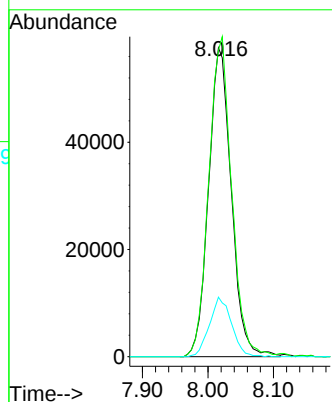
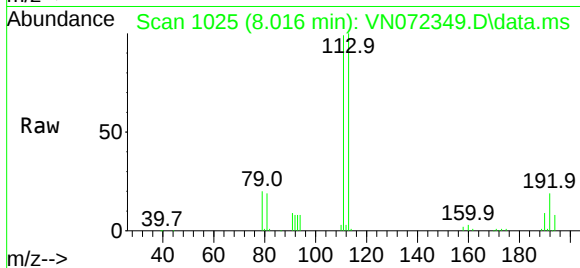
Tgt Ion:113 Resp: 139166

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.638 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.129 min

Lab File: VN072349.D

Acq: 06 May 2022 12:44

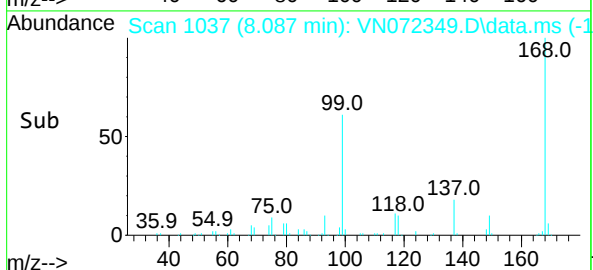
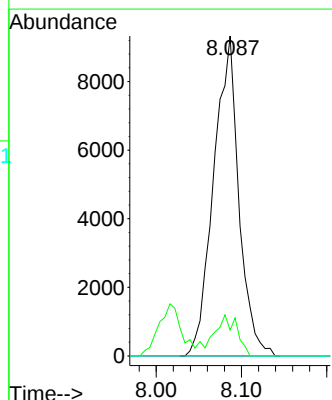
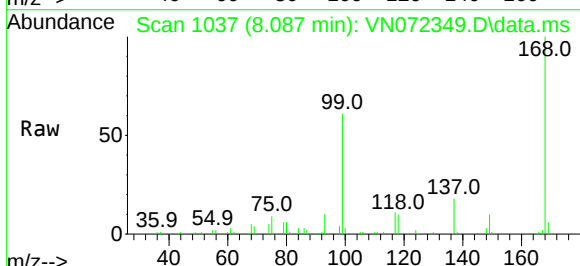
Tgt Ion: 75 Resp: 19166

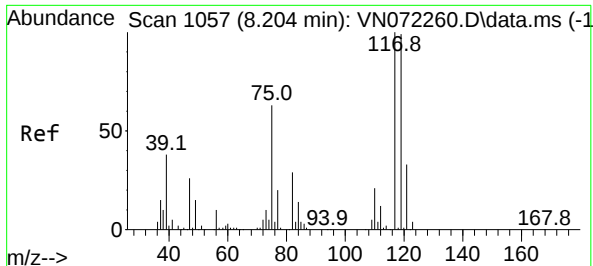
Ion Ratio Lower Upper

75 100

110 10.9 18.3 54.8#

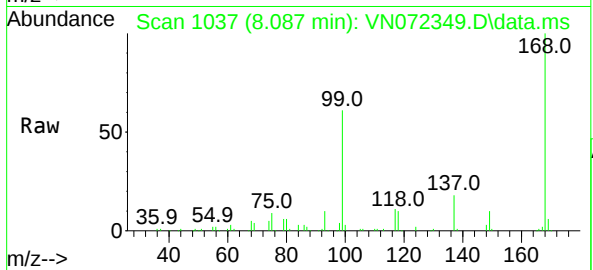
77 0.0 25.1 37.7#



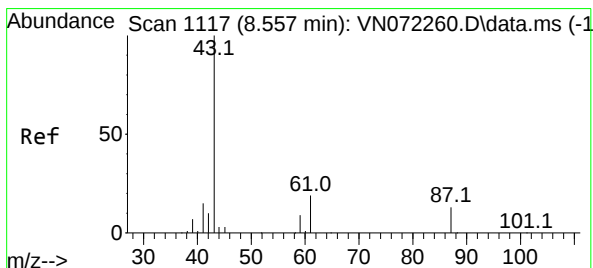
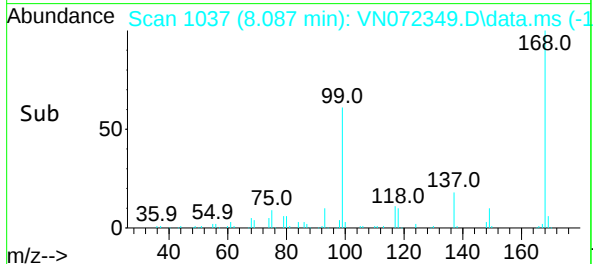
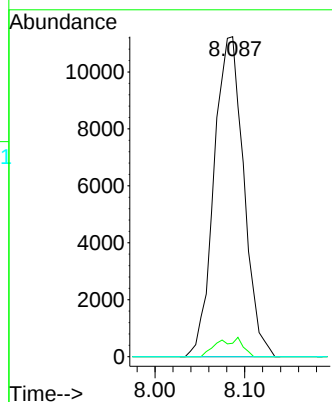


#38
Carbon Tetrachloride
Concen: 5.833 ug/l
RT: 8.087 min Scan# 1107
Delta R.T. -0.117 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBL01

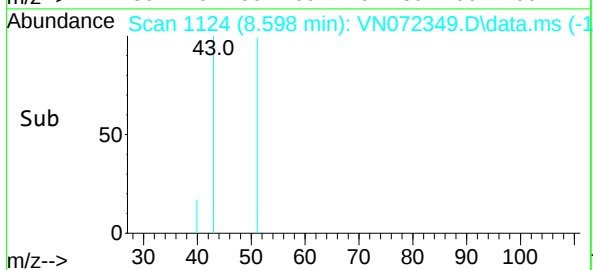
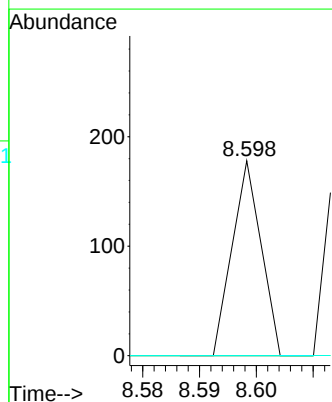
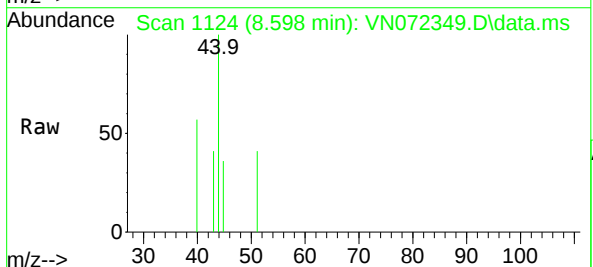


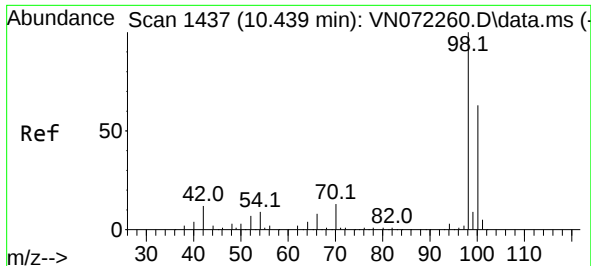
Tgt Ion: 117 Resp: 25816
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.808 ug/l
RT: 8.598 min Scan# 1124
Delta R.T. 0.041 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

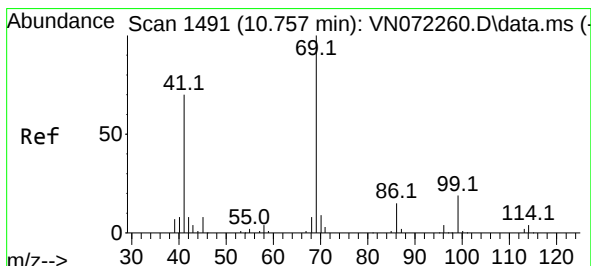
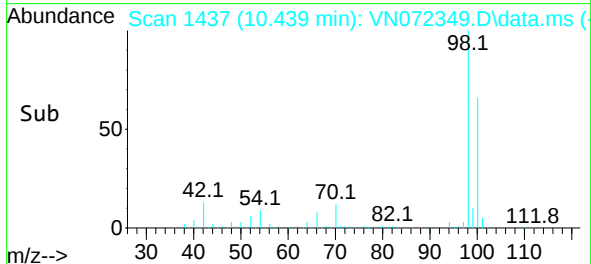
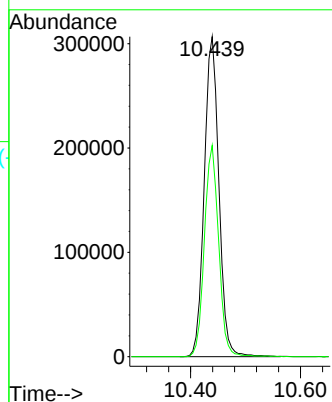
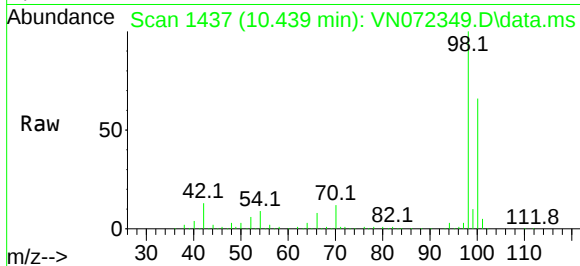




#50
Toluene-d8
Concen: 50.826 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

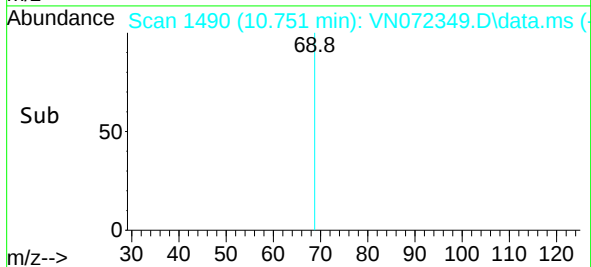
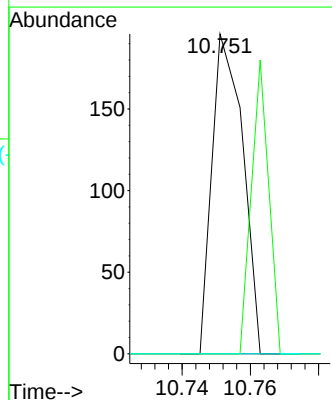
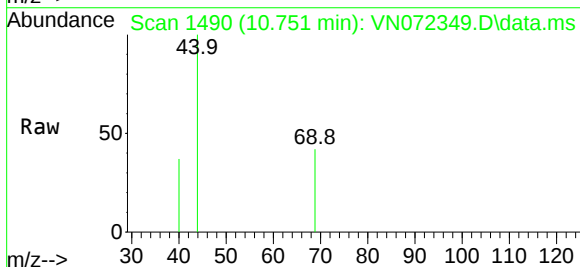
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBL01

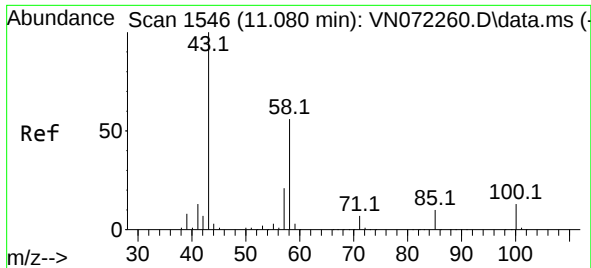
Tgt Ion: 98 Resp: 566957
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#56
Ethyl methacrylate
Concen: 2.386 ug/l
RT: 10.751 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

Tgt Ion: 69 Resp: 122
Ion Ratio Lower Upper
69 100
41 51.6 47.8 71.6
39 0.0 27.3 40.9#

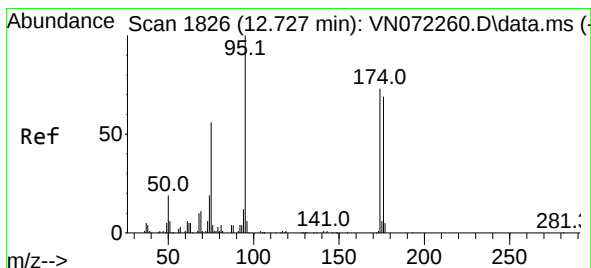
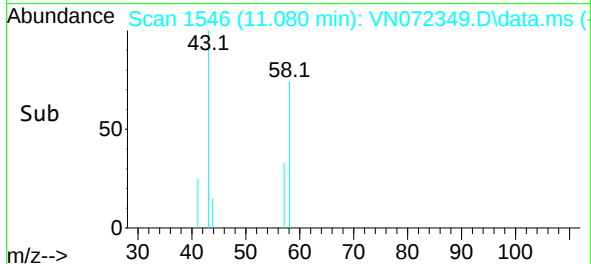
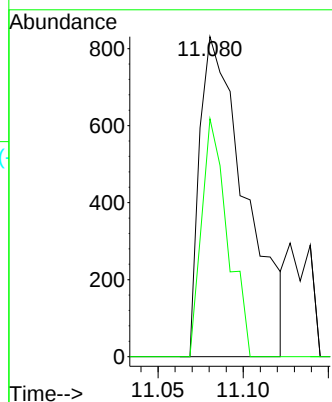
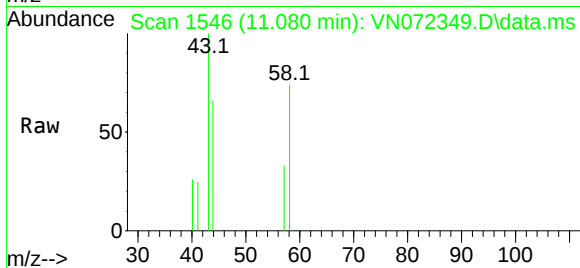




#59
2-Hexanone
Concen: 0.428 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

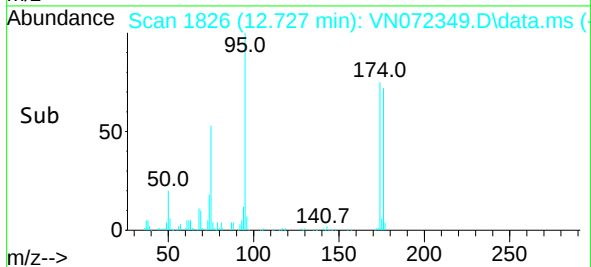
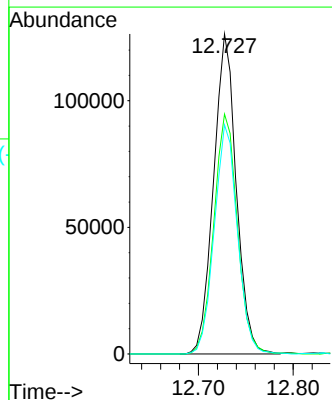
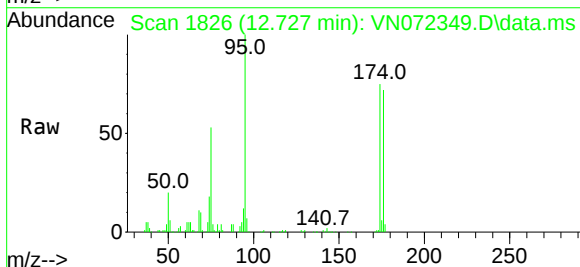
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBL01

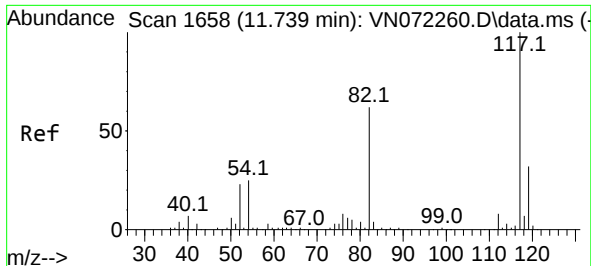
Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 42.1 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 56.854 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

Tgt Ion: 95 Resp: 210503
Ion Ratio Lower Upper
95 100
174 77.7 0.0 167.6
176 72.9 0.0 163.4

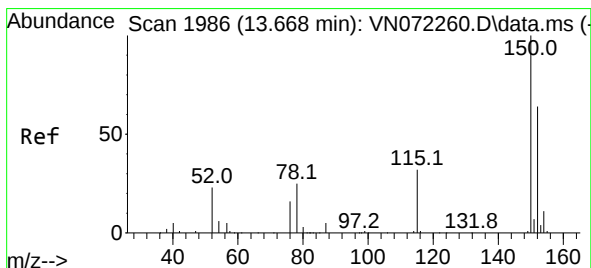
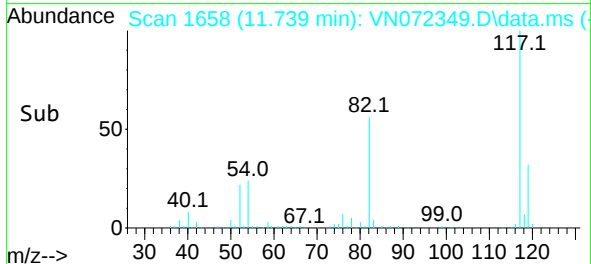
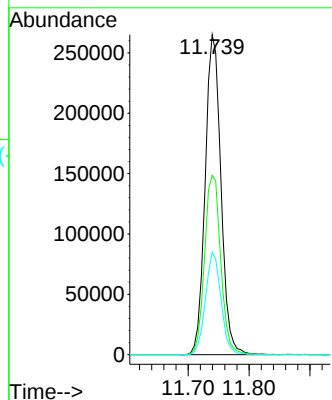
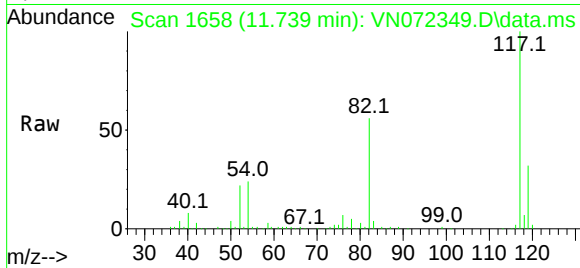




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

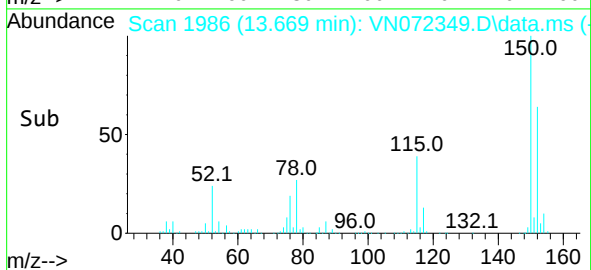
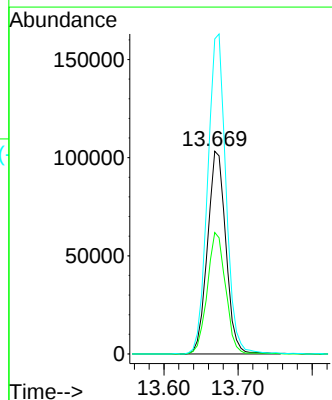
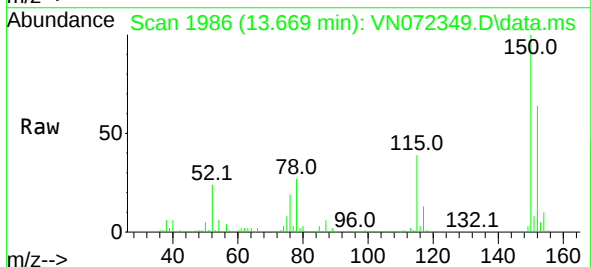
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBL01

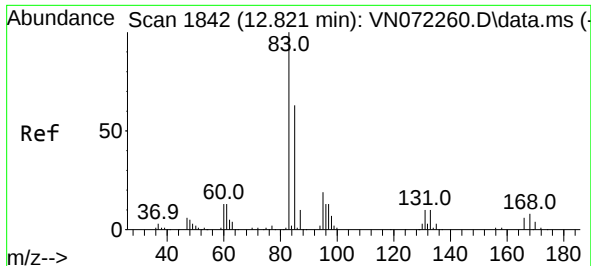
Tgt Ion:117 Resp: 476570
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

Tgt Ion:152 Resp: 177845
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 157.6 0.0 356.2

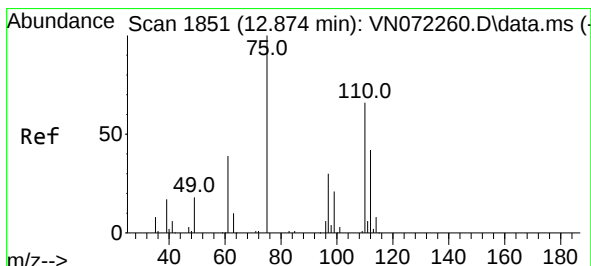
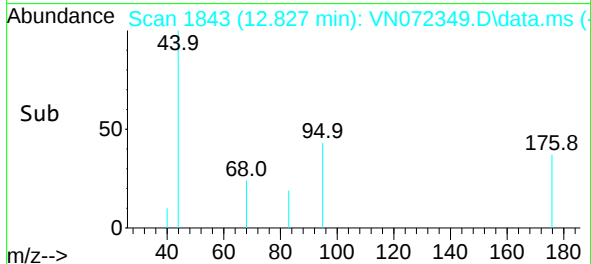
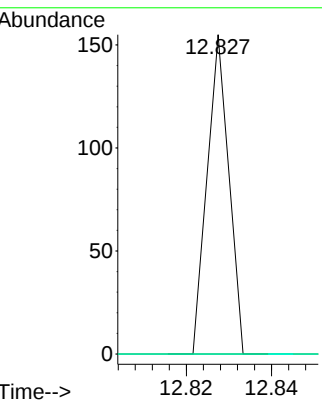
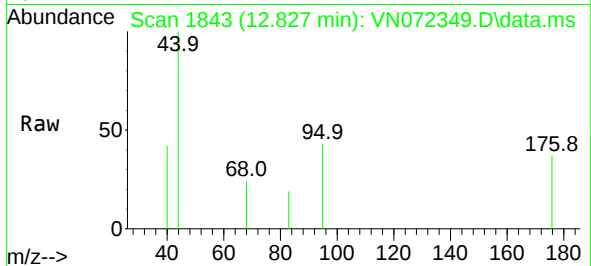




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.827 min Scan# 1842
Delta R.T. 0.005 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

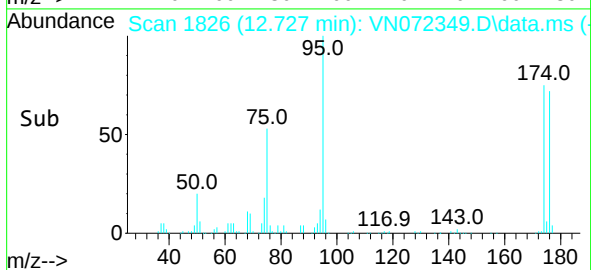
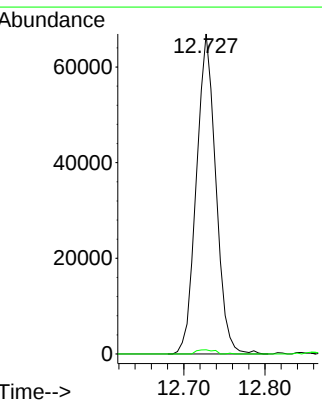
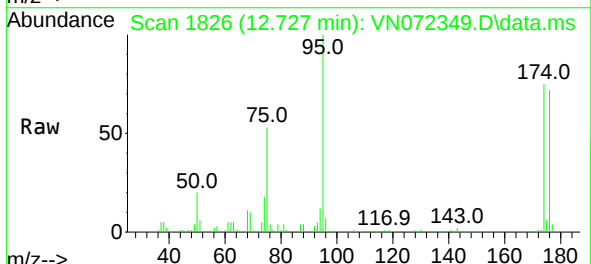
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBL01

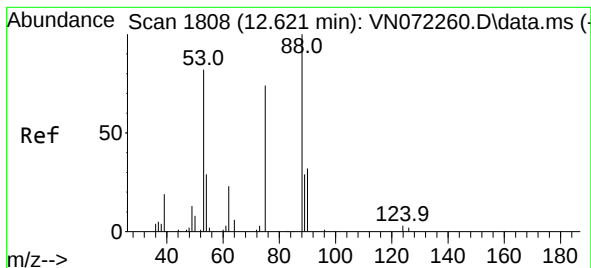
Tgt Ion: 83 Resp: 55
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 27.822 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072349.D
Acq: 06 May 2022 12:44

Tgt Ion: 75 Resp: 111162
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

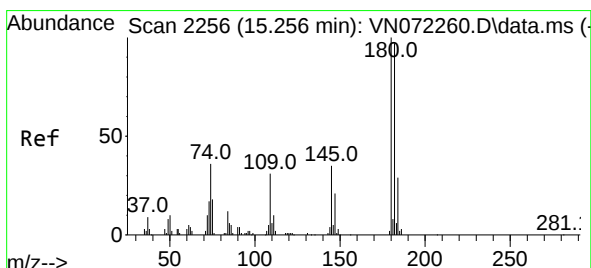
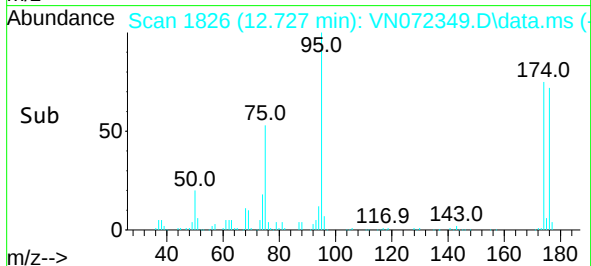
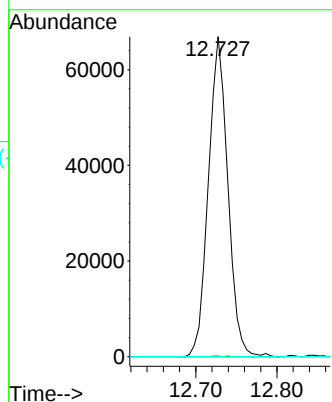
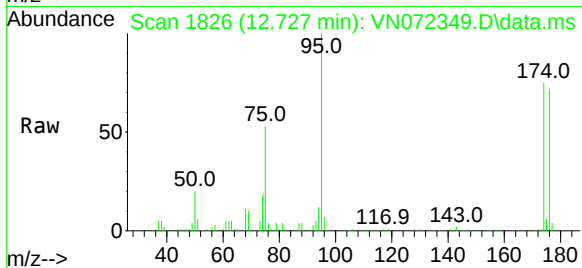




#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.272 ug/l
 RT: 12.727 min Scan# 111162
 Delta R.T. 0.105 min
 Lab File: VN072349.D
 Acq: 06 May 2022 12:44

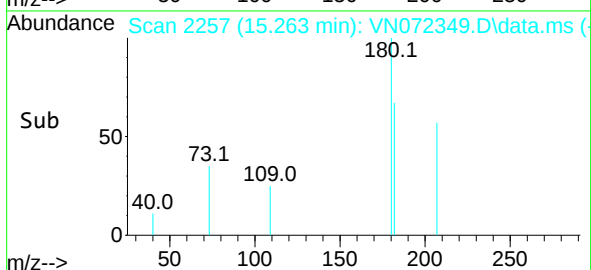
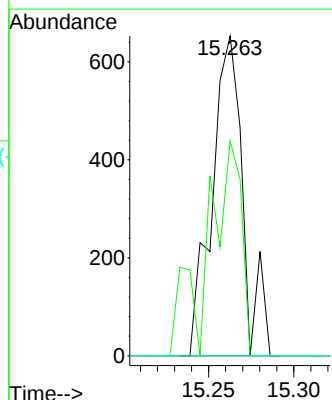
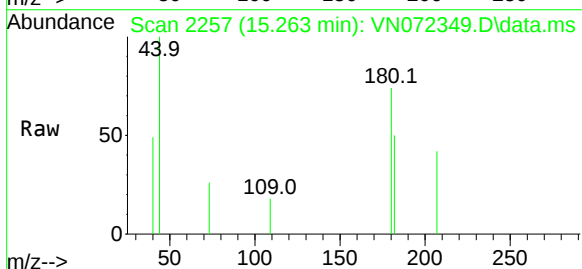
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBL01

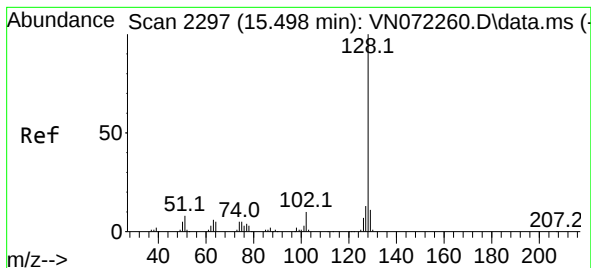
Tgt Ion: 75 Resp: 111162
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.1 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.707 ug/l
 RT: 15.263 min Scan# 2257
 Delta R.T. 0.006 min
 Lab File: VN072349.D
 Acq: 06 May 2022 12:44

Tgt Ion: 180 Resp: 826
 Ion Ratio Lower Upper
 180 100
 182 74.6 47.5 142.5
 145 0.0 14.5 43.5#





#95

Naphthalene

Concen: 4.624 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072349.D

Acq: 06 May 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBL01

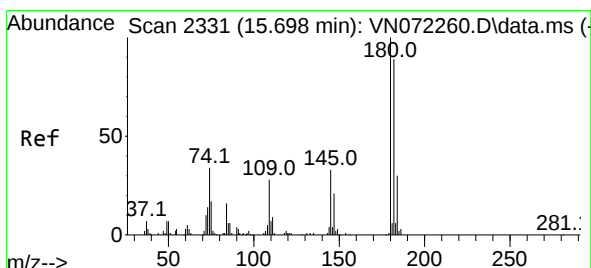
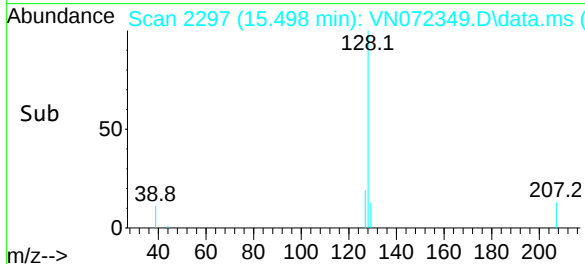
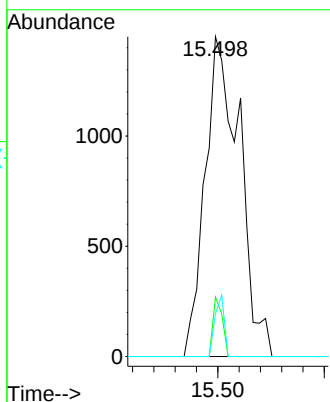
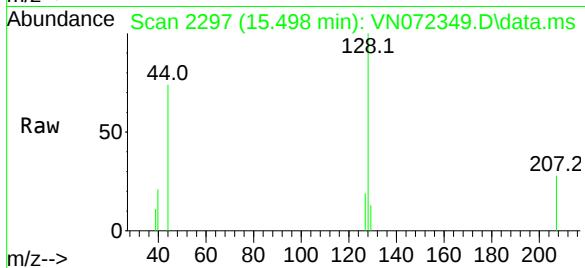
Tgt Ion:128 Resp: 3273

Ion Ratio Lower Upper

128 100

127 5.0 10.3 15.5#

129 5.1 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 2.976 ug/l

RT: 15.710 min Scan# 2333

Delta R.T. 0.018 min

Lab File: VN072349.D

Acq: 06 May 2022 12:44

Tgt Ion:180 Resp: 874

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 6.1 15.5 46.5#

