

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050322\
 Data File : VN072314.D
 Acq On : 03 May 2022 19:21
 Operator : JC\MD
 Sample : N2672-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB

Quant Time: May 04 05:15:10 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)

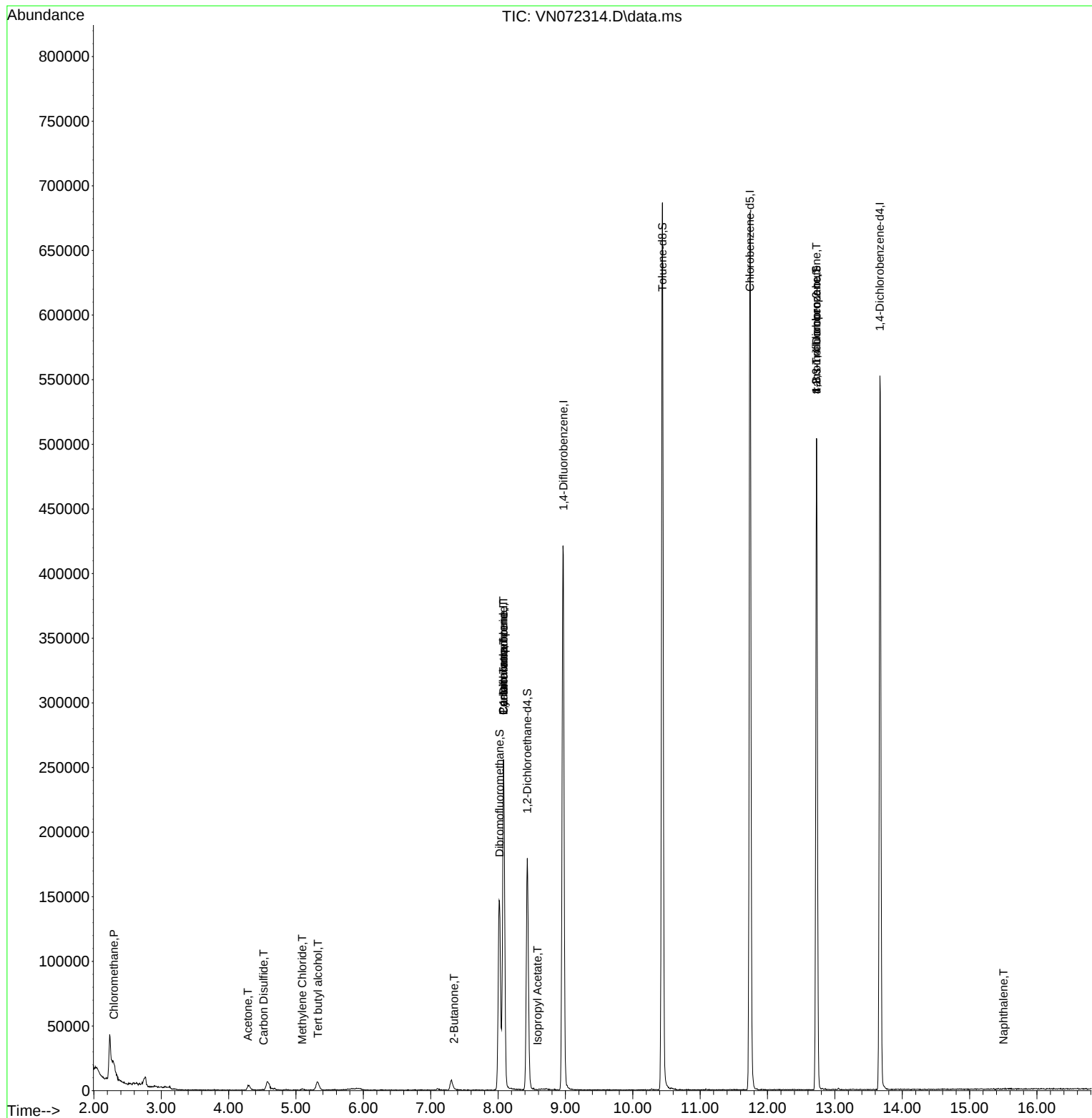
Internal Standards						
1) Pentafluorobenzene	8.081	168	176200	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.969	114	359786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	377259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	142114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	146421	54.129	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 108.260%		
35) Dibromofluoromethane	8.022	113	111098	48.244	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.480%		
50) Toluene-d8	10.439	98	459651	50.797	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.600%		
62) 4-Bromofluorobenzene	12.727	95	173181	57.661	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 115.320%		
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	3255	0.671	ug/l	98
5) Bromomethane	2.840	94	57	Below Cal	#	2
6) Chloroethane	2.957	64	941	Below Cal	#	42
11) Tert butyl alcohol	5.328	59	6326	14.231	ug/l	# 72
16) Acetone	4.287	43	6386	5.476	ug/l	# 82
17) Carbon Disulfide	4.522	76	56	0.377	ug/l	# 75
20) Methylene Chloride	5.093	84	464	0.208	ug/l	# 63
25) 2-Butanone	7.345	43	1316	0.709	ug/l	# 45
31) Cyclohexane	8.081	56	4508	1.247	ug/l	# 30
36) 1,1-Dichloropropene	8.081	75	16774	5.004	ug/l	# 48
38) Carbon Tetrachloride	8.081	117	19865	5.533	ug/l	# 16
43) Isopropyl Acetate	8.586	43	62	0.810	ug/l	# 53
76) 1,2,3-Trichloropropane	12.727	75	93523	29.302	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	93523	76.092	ug/l	# 10
95) Naphthalene	15.504	128	350	4.343	ug/l	# 69

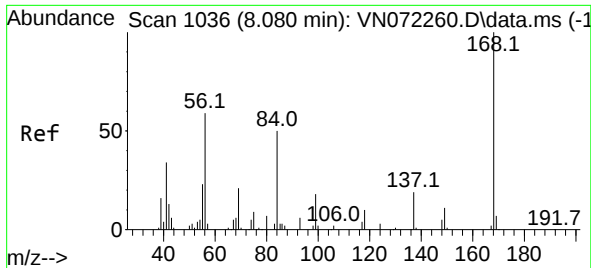
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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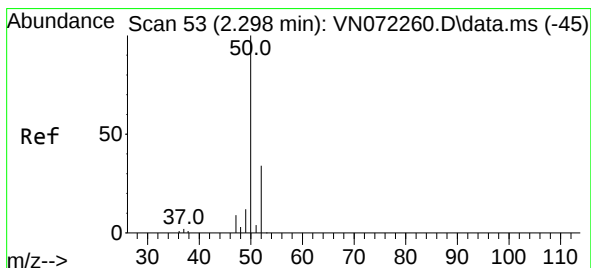
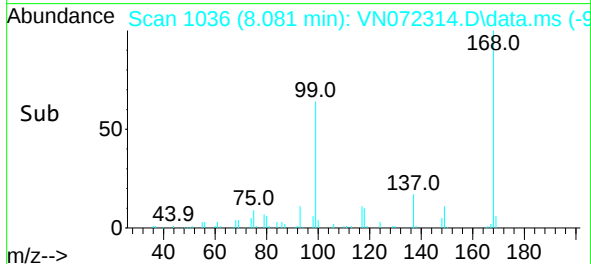
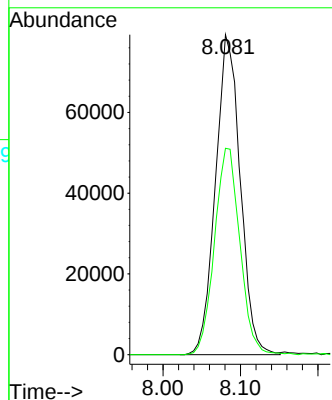
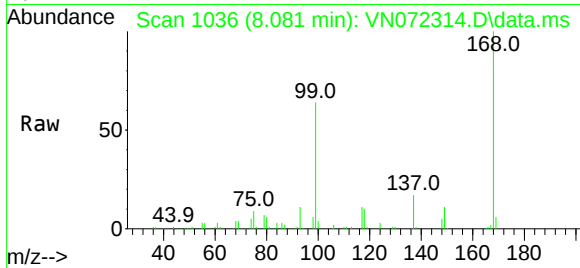




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

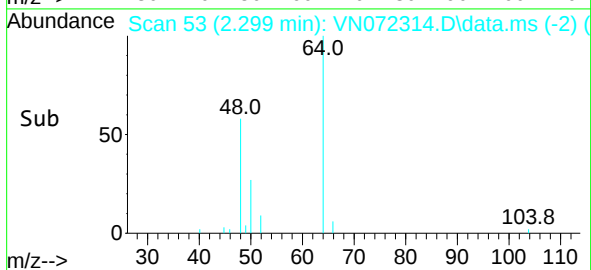
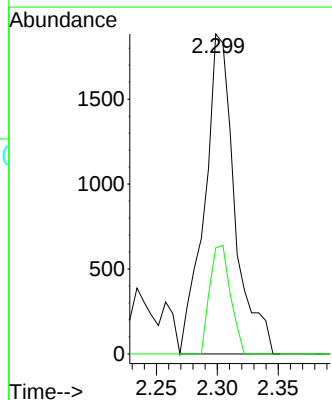
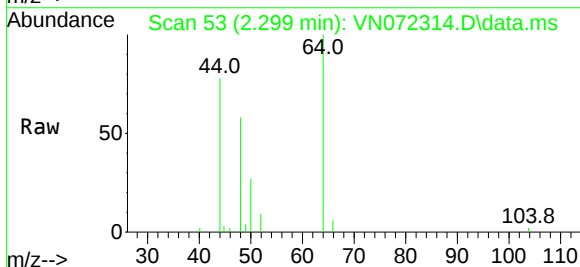
Instrument :
MSVOA_N
ClientSampleId :
FB

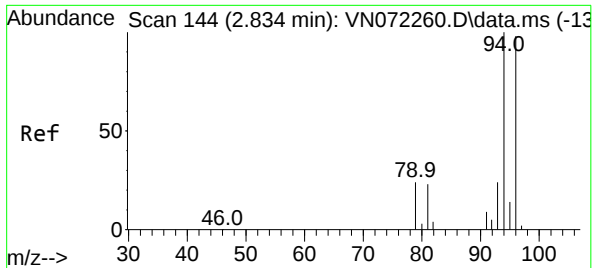
Tgt Ion:168 Resp: 176200
Ion Ratio Lower Upper
168 100
99 64.5 42.3 63.5#



#3
Chloromethane
Concen: 0.671 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

Tgt Ion: 50 Resp: 3255
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5





#5

Bromomethane

Concen: Below Cal

RT: 2.840 min Scan# 144

Delta R.T. 0.006 min

Lab File: VN072314.D

Acq: 03 May 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

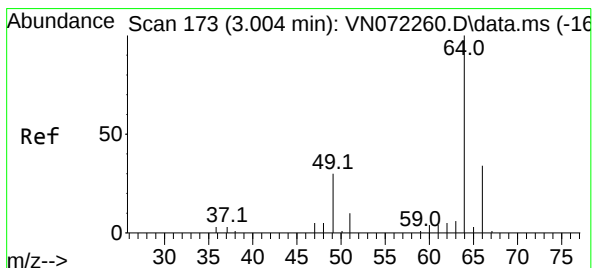
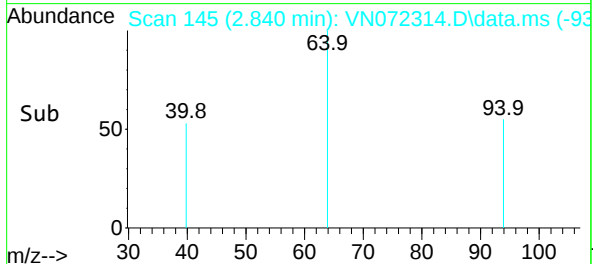
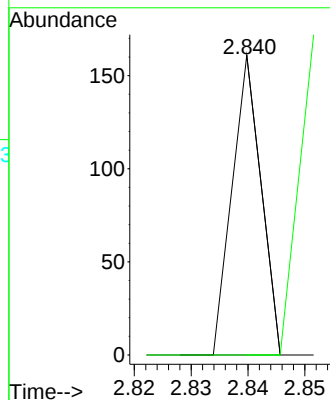
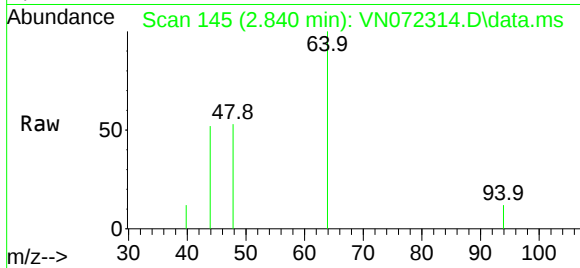
FB

Tgt Ion: 94 Resp: 57

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 2.957 min Scan# 165

Delta R.T. -0.048 min

Lab File: VN072314.D

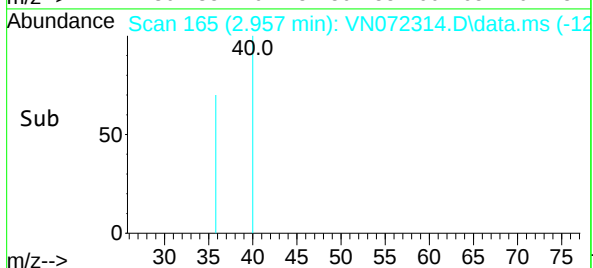
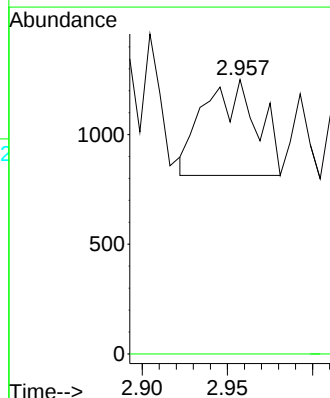
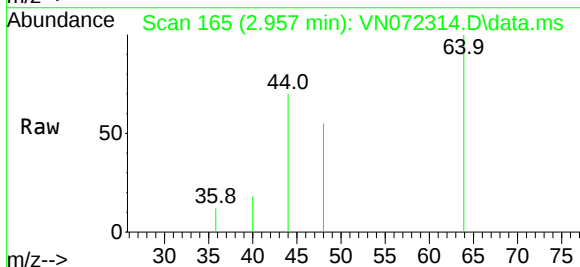
Acq: 03 May 2022 19:21

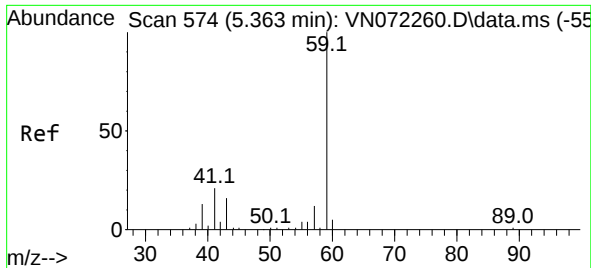
Tgt Ion: 64 Resp: 941

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

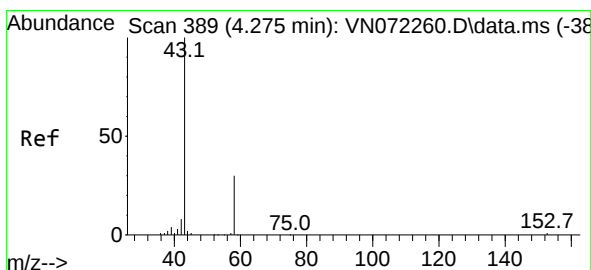
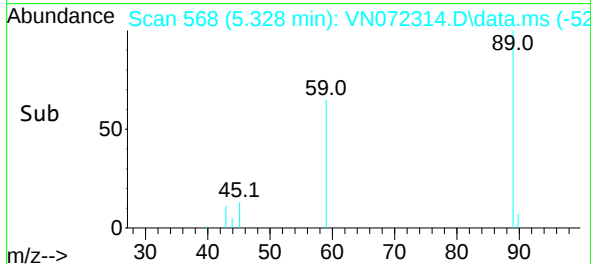
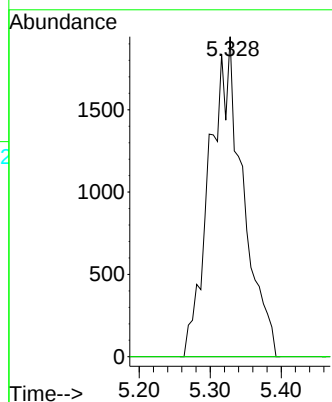
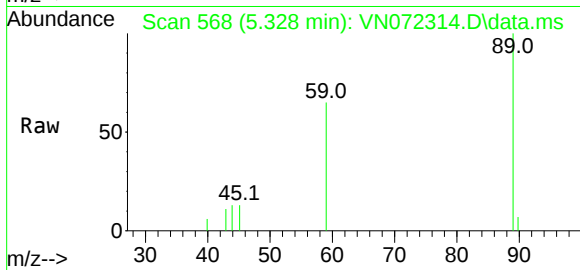




#11
Tert butyl alcohol
Concen: 14.231 ug/l
RT: 5.328 min Scan# 50
Delta R.T. -0.035 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

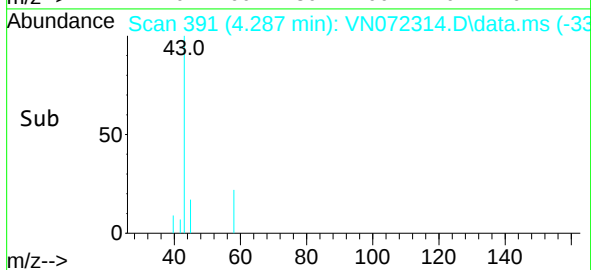
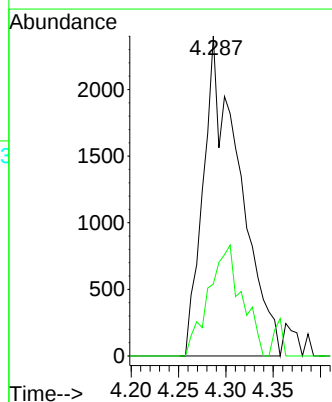
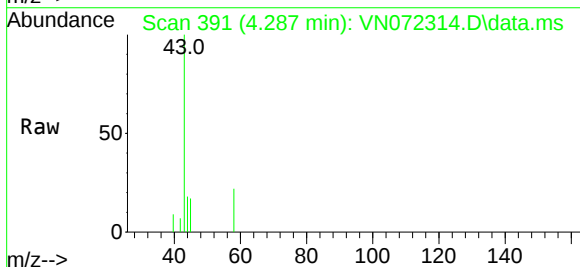
Instrument :
MSVOA_N
ClientSampleId :
FB

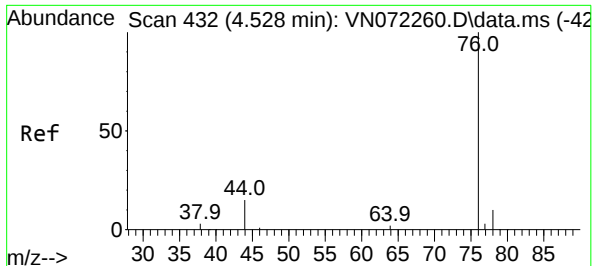
Tgt Ion: 59 Resp: 6326
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 5.476 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

Tgt Ion: 43 Resp: 6386
Ion Ratio Lower Upper
43 100
58 22.5 26.0 39.0#

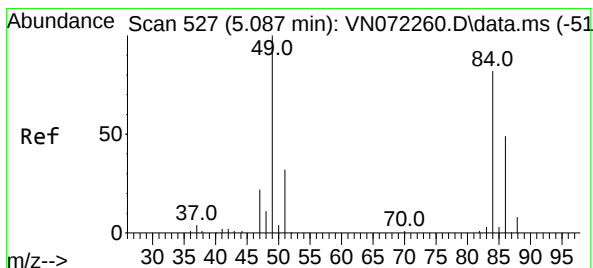
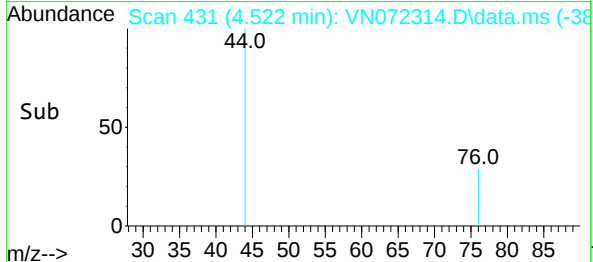
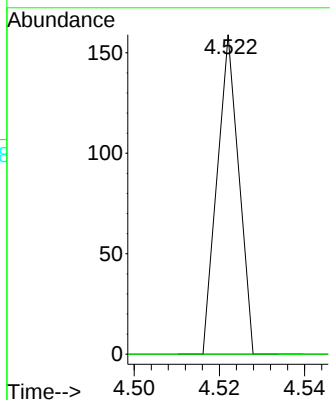
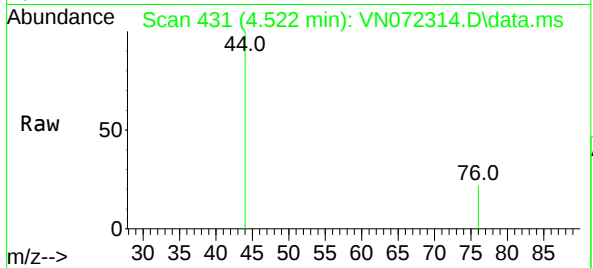




#17
Carbon Disulfide
Concen: 0.377 ug/l
RT: 4.522 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

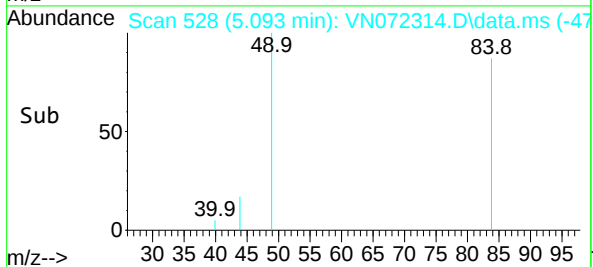
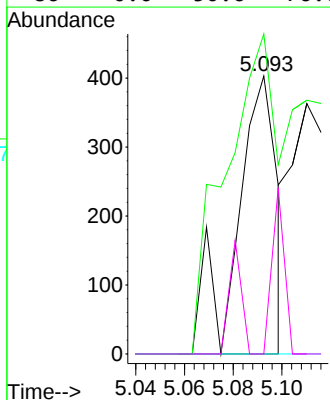
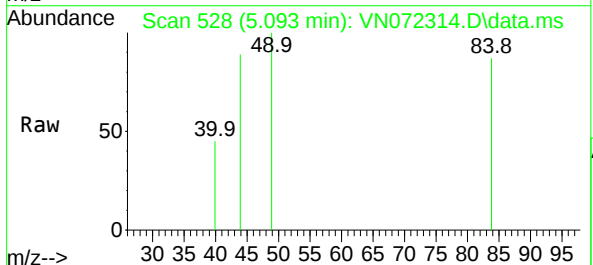
Instrument :
MSVOA_N
ClientSampleId :
FB

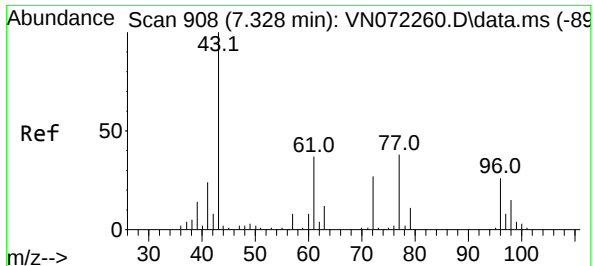
Tgt Ion: 76 Resp: 56
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

Tgt Ion: 84 Resp: 464
Ion Ratio Lower Upper
84 100
49 115.1 88.3 132.5
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#

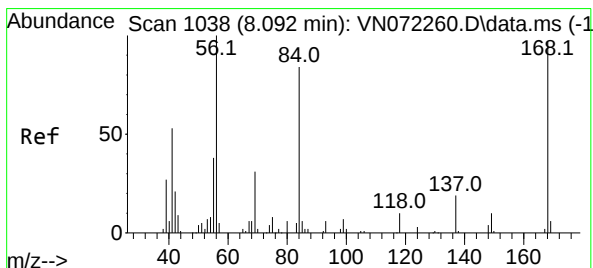
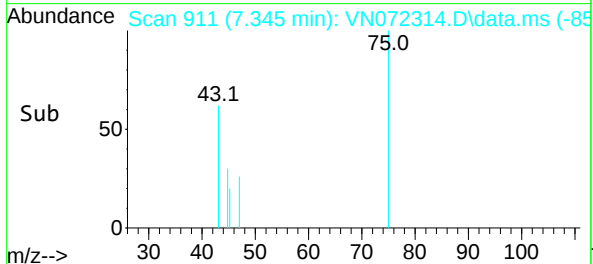
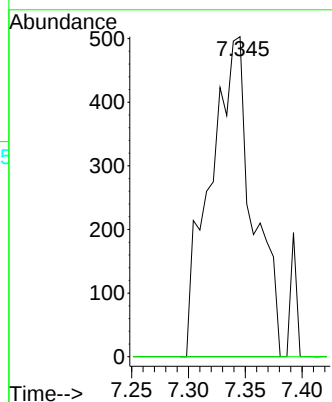
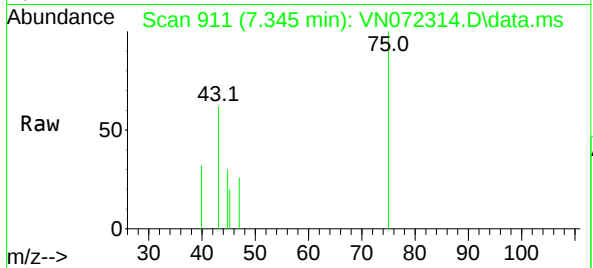




#25
2-Butanone
Concen: 0.709 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

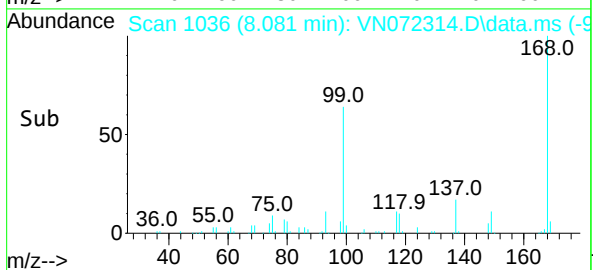
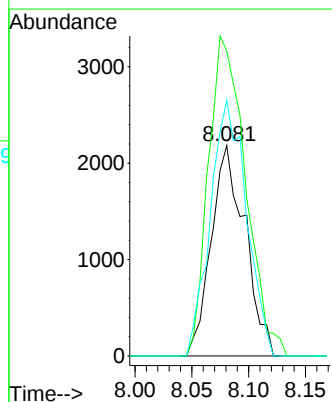
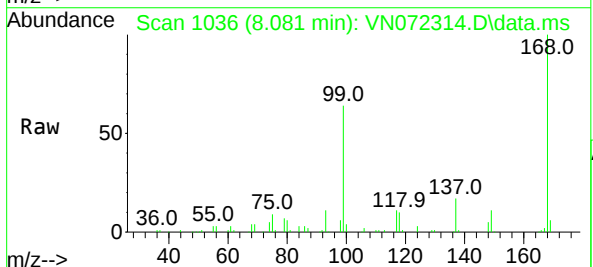
Instrument :
MSVOA_N
ClientSampleId :
FB

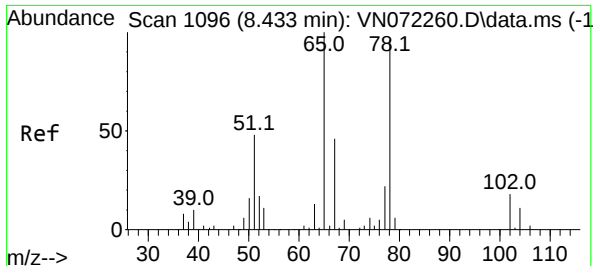
Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

Tgt Ion: 56 Resp: 4508
Ion Ratio Lower Upper
56 100
69 144.9 27.8 41.8#
84 121.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 54.129 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072314.D

Acq: 03 May 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

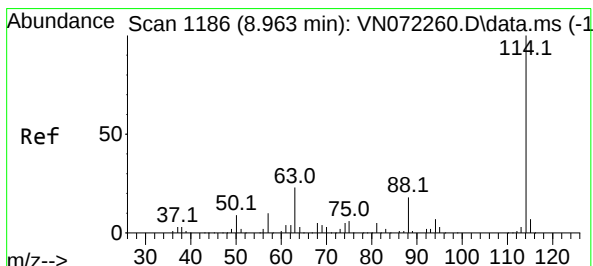
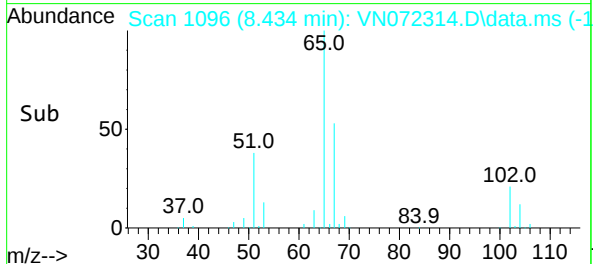
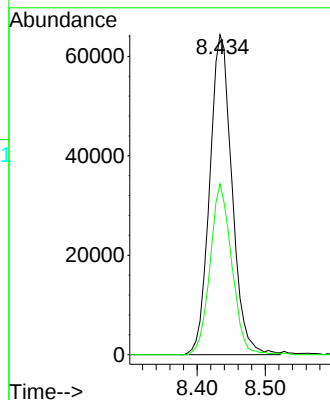
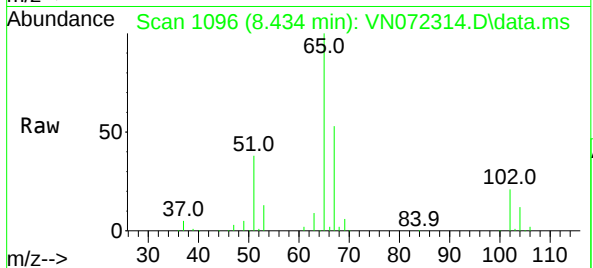
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Tgt Ion: 65 Resp: 146421

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN072314.D

Acq: 03 May 2022 19:21

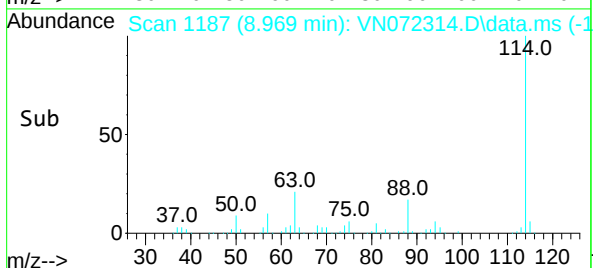
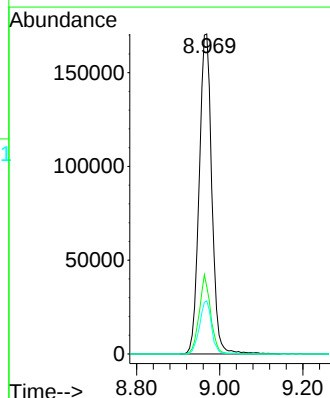
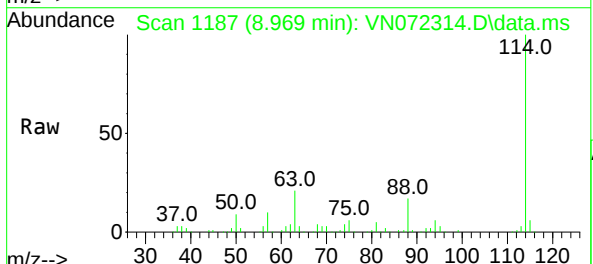
Tgt Ion: 114 Resp: 359786

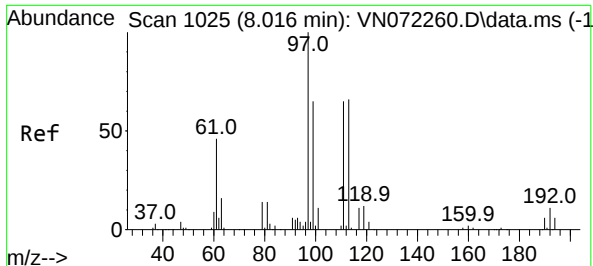
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.244 ug/l

RT: 8.022 min Scan# 11098

Delta R.T. 0.006 min

Lab File: VN072314.D

Acq: 03 May 2022 19:21

Instrument :

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FB

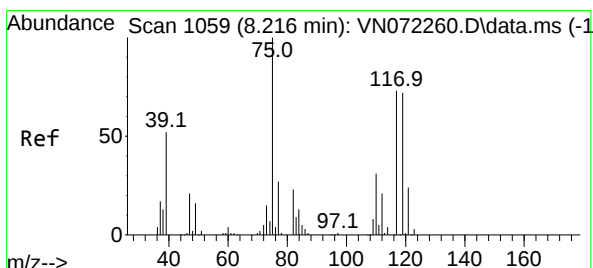
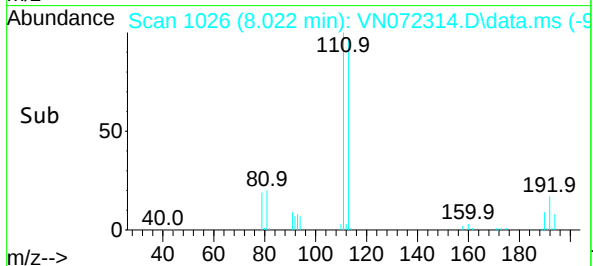
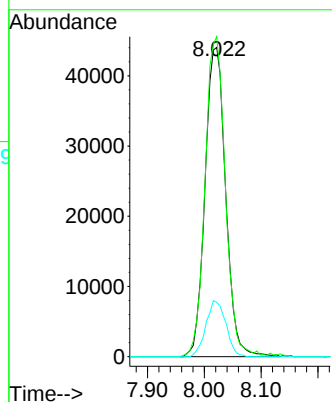
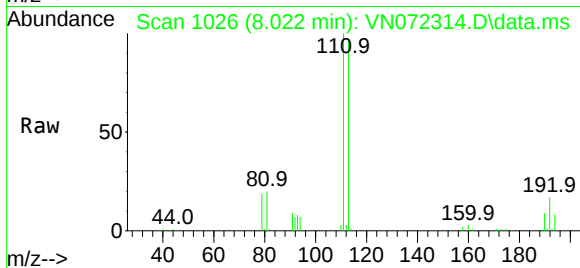
Tgt Ion:113 Resp: 111098

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 17.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.004 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072314.D

Acq: 03 May 2022 19:21

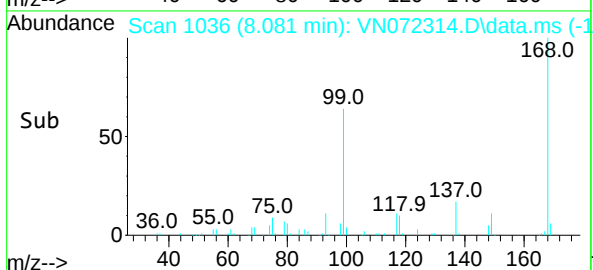
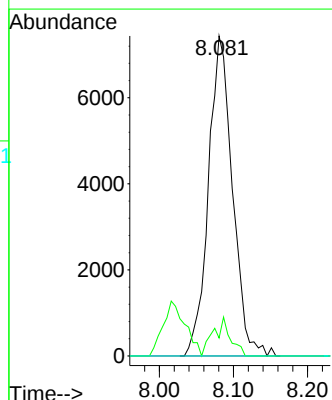
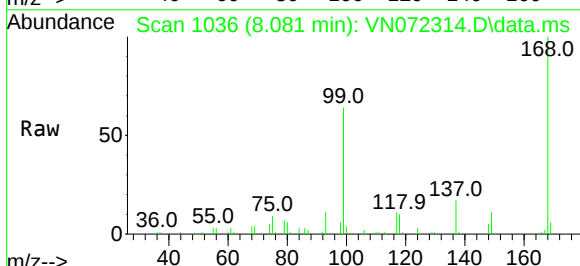
Tgt Ion: 75 Resp: 16774

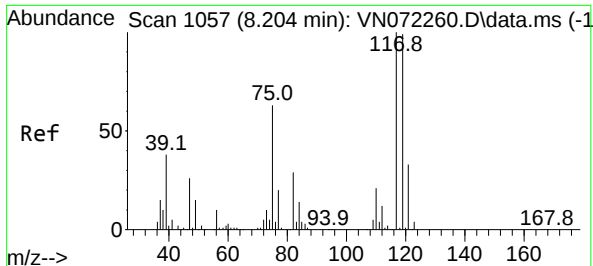
Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

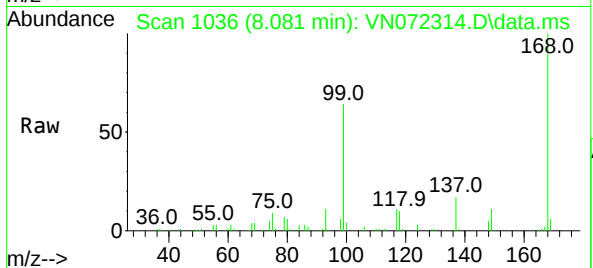
77 0.0 25.1 37.7#



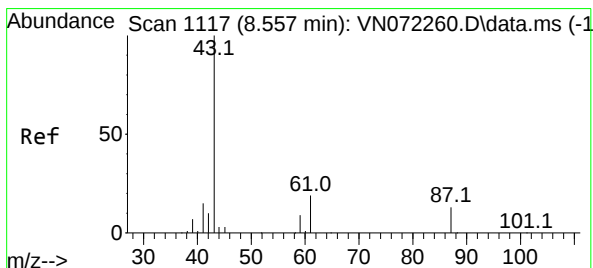
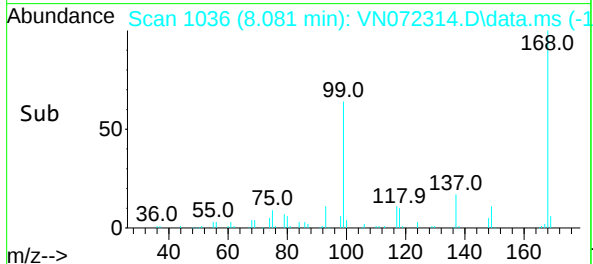
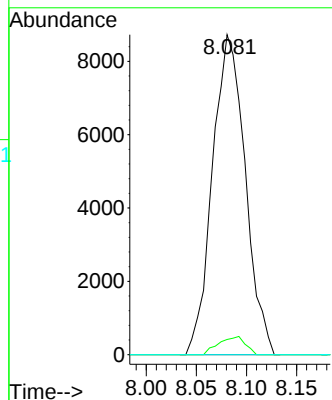


#38
Carbon Tetrachloride
Concen: 5.533 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
FB

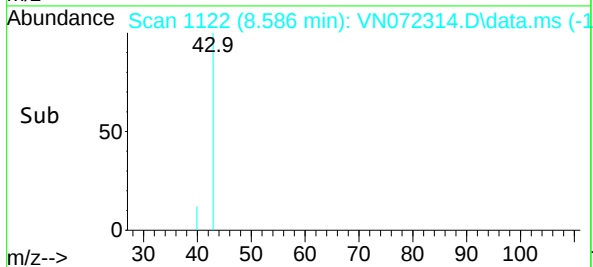
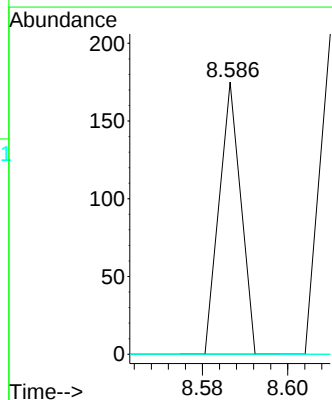
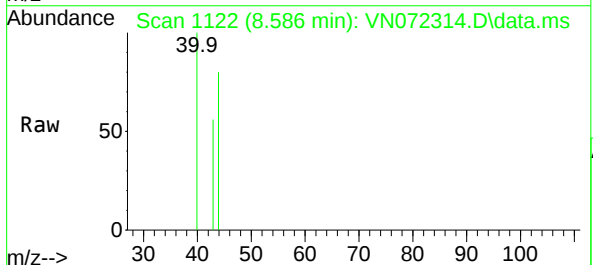


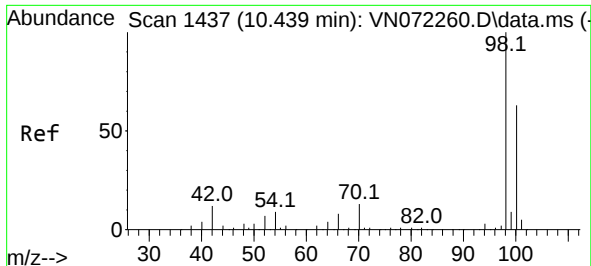
Tgt Ion:117 Resp: 19865
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.810 ug/l
RT: 8.586 min Scan# 1122
Delta R.T. 0.029 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

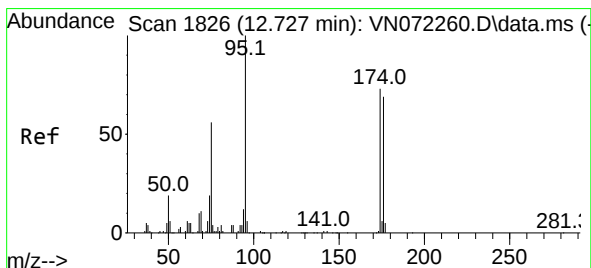
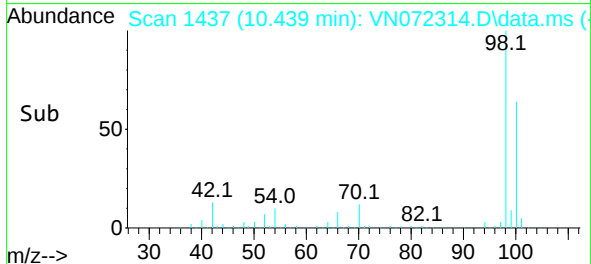
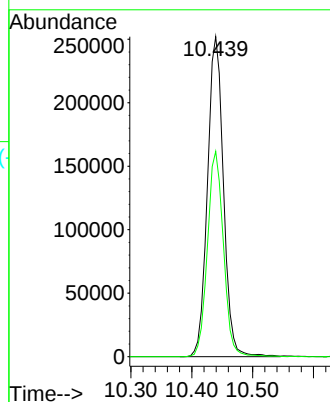
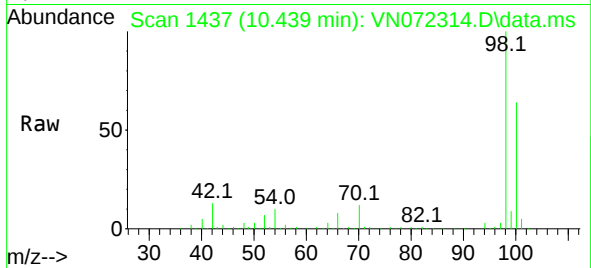




#50
Toluene-d8
Concen: 50.797 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

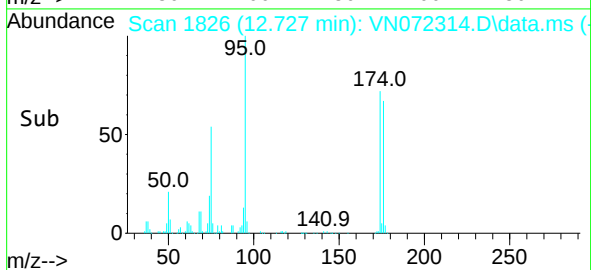
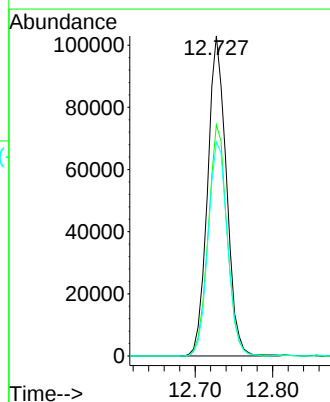
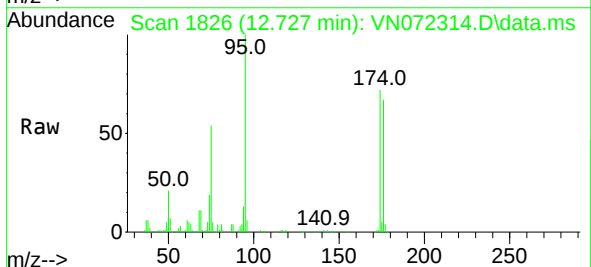
Instrument :
MSVOA_N
ClientSampleId :
FB

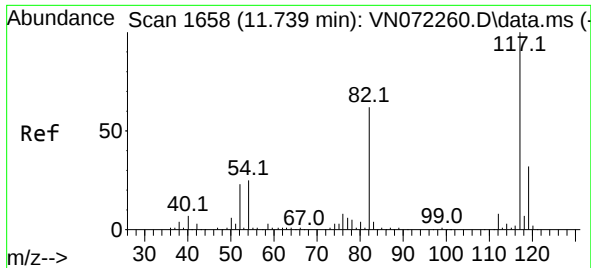
Tgt Ion: 98 Resp: 459651
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.661 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

Tgt Ion: 95 Resp: 173181
Ion Ratio Lower Upper
95 100
174 72.3 0.0 167.6
176 68.9 0.0 163.4

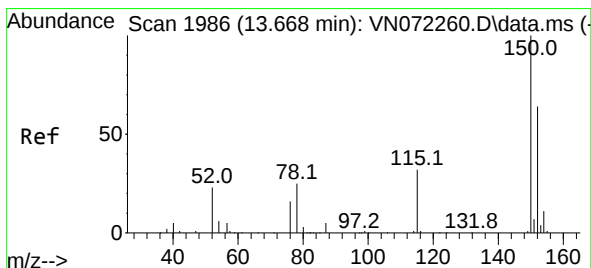
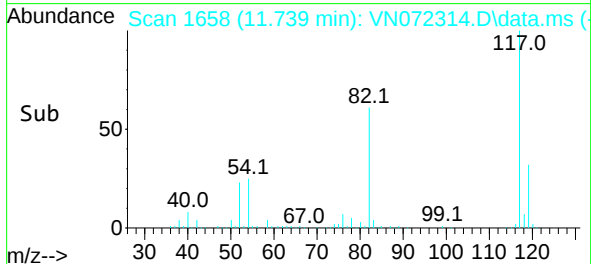
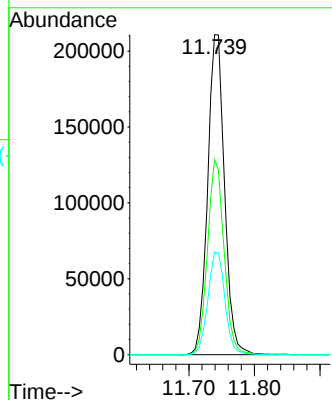
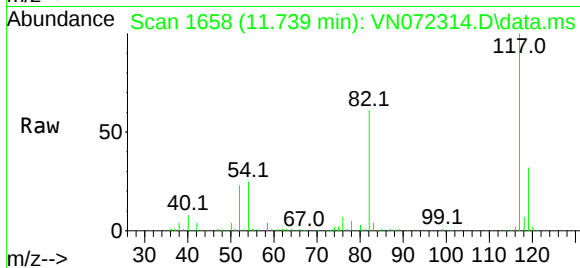




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

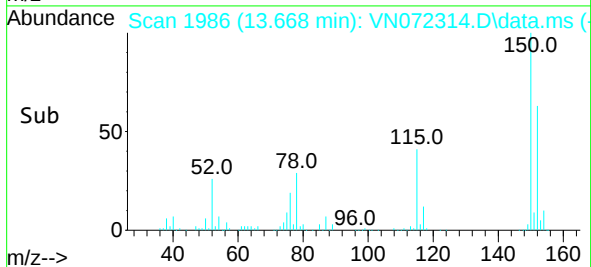
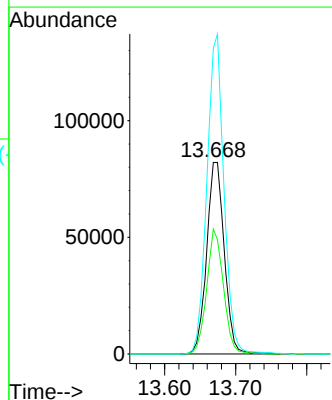
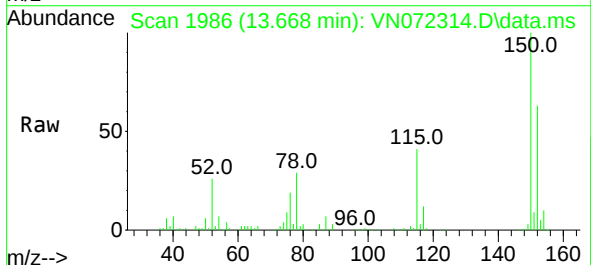
Instrument :
MSVOA_N
ClientSampleId :
FB

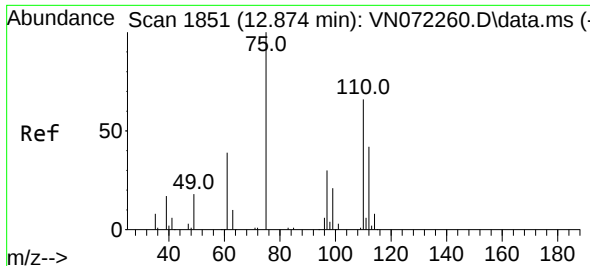
Tgt Ion:117 Resp: 377259
Ion Ratio Lower Upper
117 100
82 60.9 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

Tgt Ion:152 Resp: 142114
Ion Ratio Lower Upper
152 100
115 61.8 28.9 86.7
150 160.9 0.0 356.2

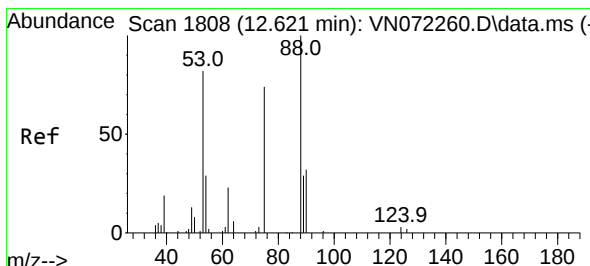
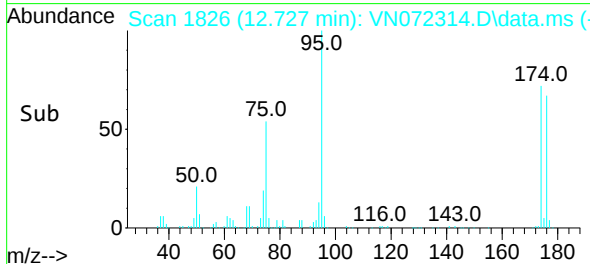
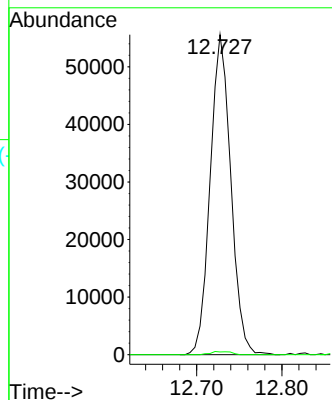
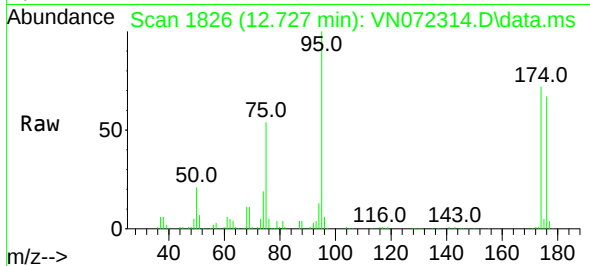




#76
1,2,3-Trichloropropane
Concen: 29.302 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

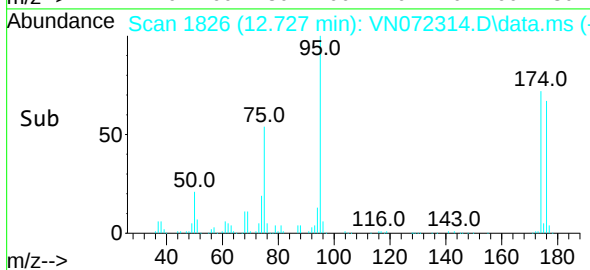
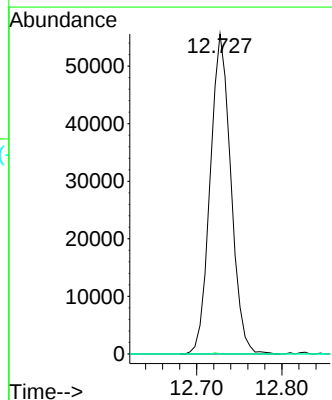
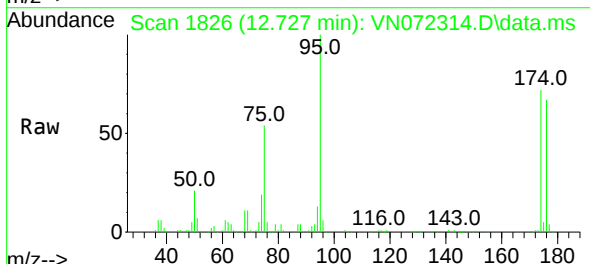
Instrument :
MSVOA_N
ClientSampleId :
FB

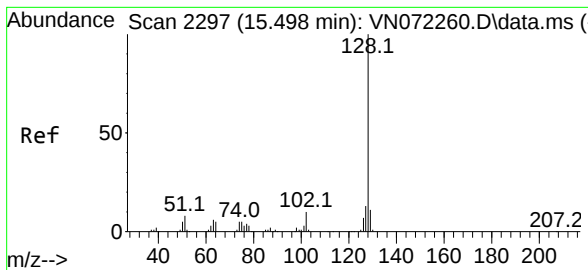
Tgt Ion: 75 Resp: 93523
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.092 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

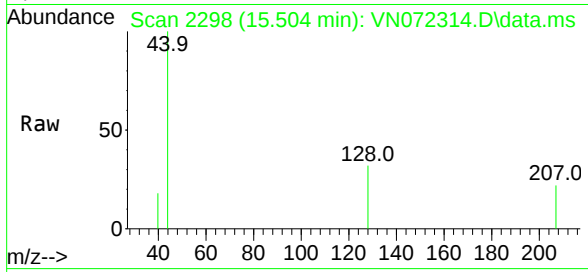
Tgt Ion: 75 Resp: 93523
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 4.343 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072314.D
Acq: 03 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
FB



Tgt Ion:	128	Resp:	350
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

