

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072262.D
 Acq On : 29 Apr 2022 12:00
 Operator : JC\MD
 Sample : VX0429WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VX0429WBL01

Quant Time: Apr 30 03:11:35 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)

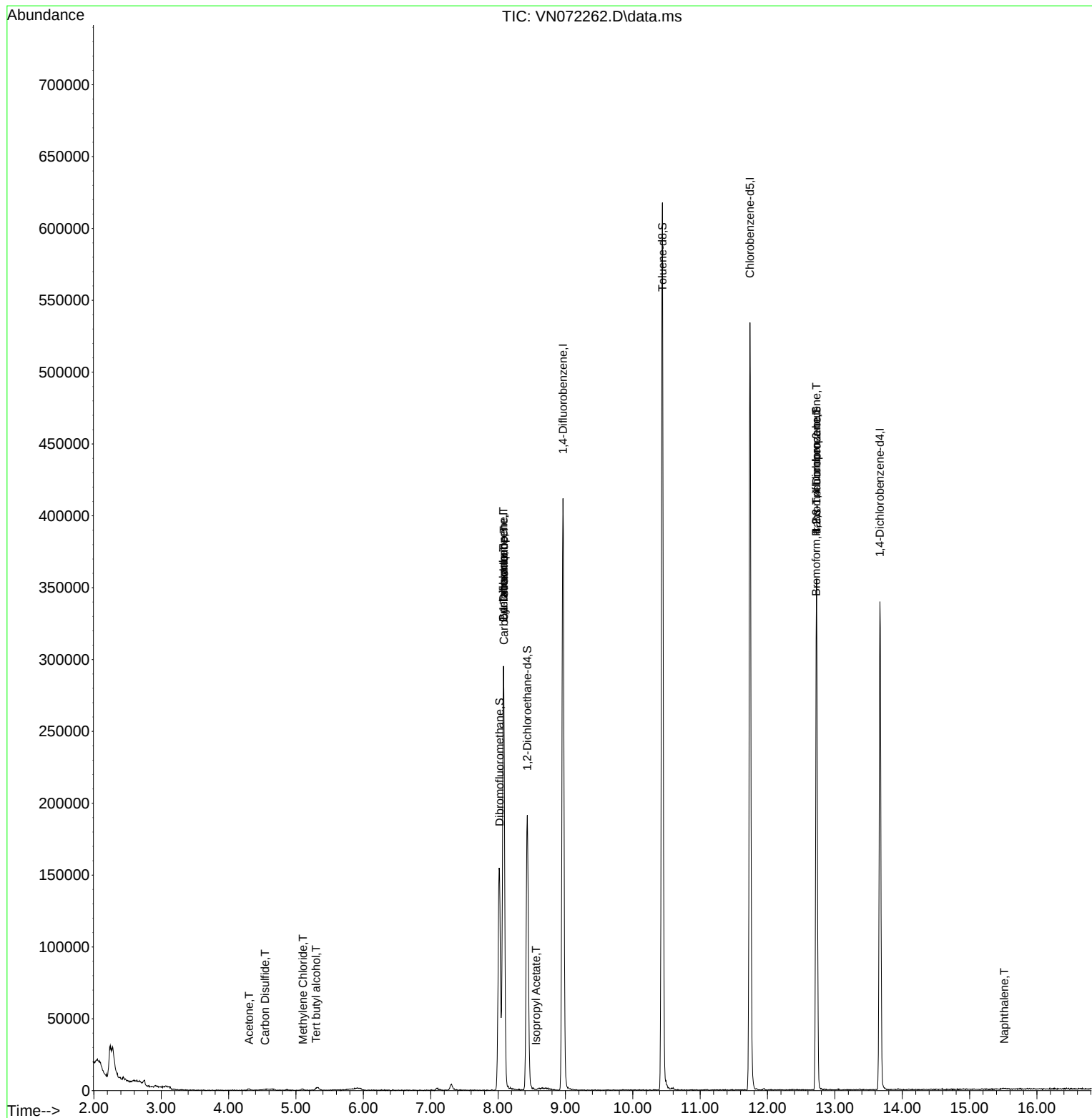
Internal Standards						
1) Pentafluorobenzene	8.081	168	205277	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	340807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	295485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	90393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	173262	54.978	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 109.960%		
35) Dibromofluoromethane	8.022	113	112412	51.533	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 103.060%		
50) Toluene-d8	10.439	98	415751	48.504	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 97.000%		
62) 4-Bromofluorobenzene	12.727	95	123558	43.430	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 86.860%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	1676	Below Cal	#	43
5) Bromomethane	2.863	94	152	Below Cal	#	2
6) Chloroethane	3.034	64	295	Below Cal	#	42
11) Tert butyl alcohol	5.298	59	1086	2.097	ug/l #	72
16) Acetone	4.304	43	676	0.498	ug/l #	42
17) Carbon Disulfide	4.540	76	71	0.378	ug/l #	75
20) Methylene Chloride	5.104	84	822	0.316	ug/l #	81
31) Cyclohexane	8.081	56	4957	1.177	ug/l #	16
36) 1,1-Dichloropropene	8.081	75	18546	5.841	ug/l #	50
38) Carbon Tetrachloride	8.086	117	23109	6.795	ug/l #	17
43) Isopropyl Acetate	8.563	43	57	0.810	ug/l #	53
71) Bromoform	12.721	173	376	0.225	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	71055	34.867	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	71055	90.890	ug/l #	10
95) Naphthalene	15.515	128	989	4.493	ug/l #	69

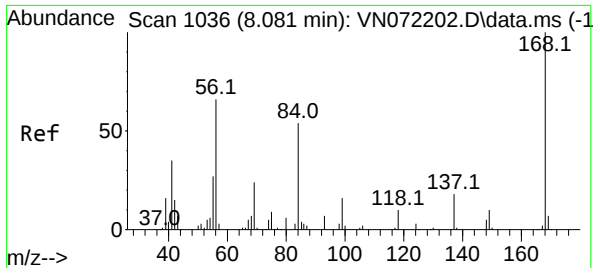
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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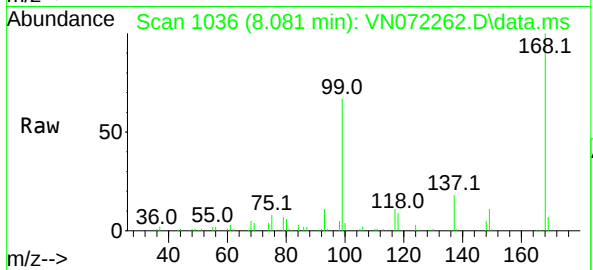
Quant Time: Apr 30 03:11:35 2022
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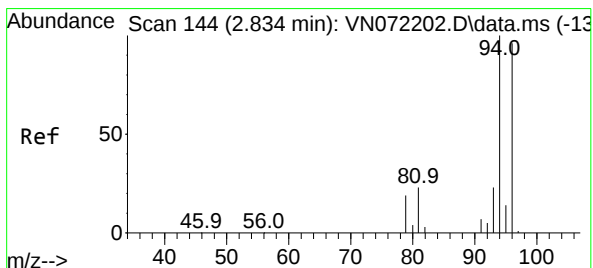
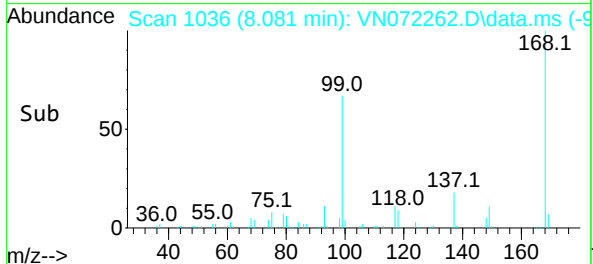
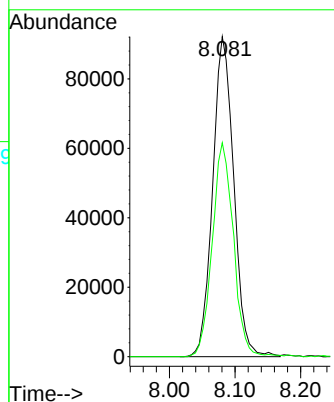


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VX0429WBL01

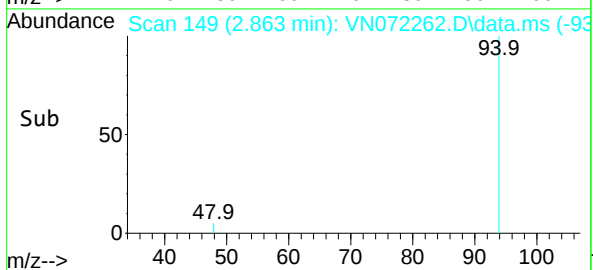
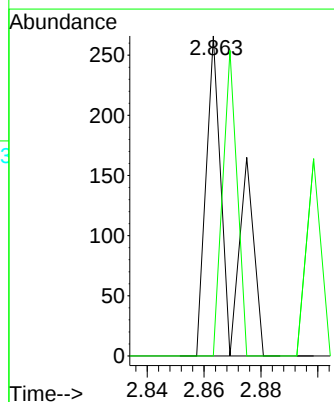
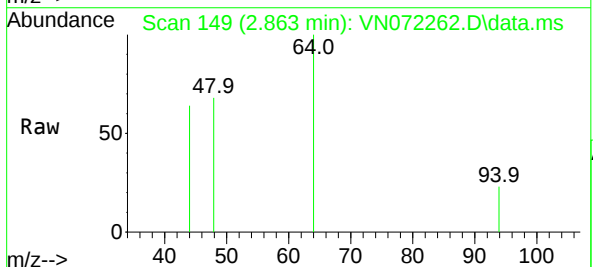


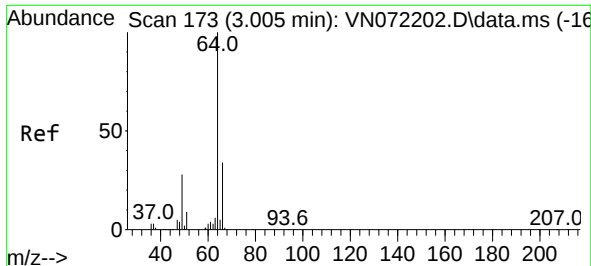
Tgt Ion:168 Resp: 205277
Ion Ratio Lower Upper
168 100
99 66.8 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.863 min Scan# 149
Delta R.T. 0.029 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

Tgt Ion: 94 Resp: 152
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

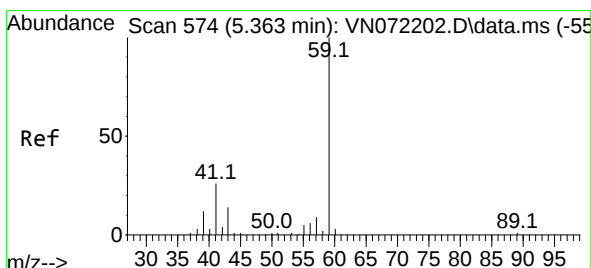
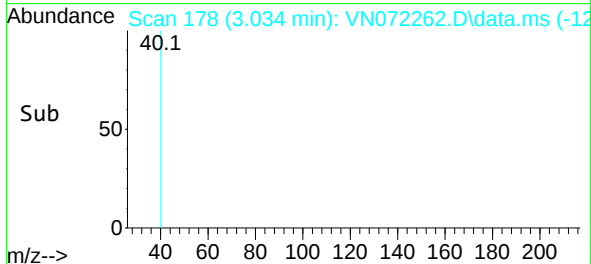
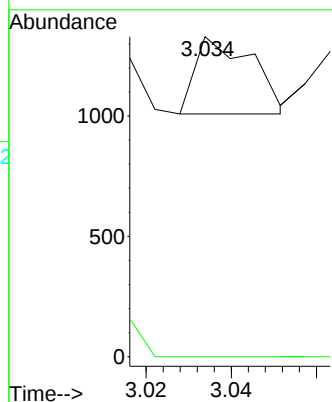
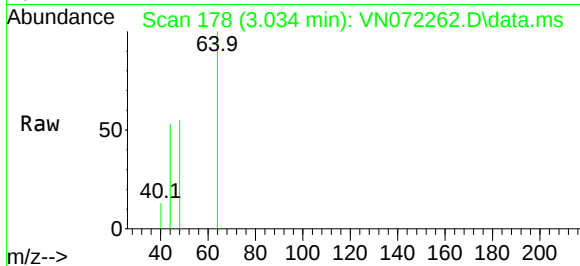




#6
Chloroethane
Concen: Below Cal
RT: 3.034 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

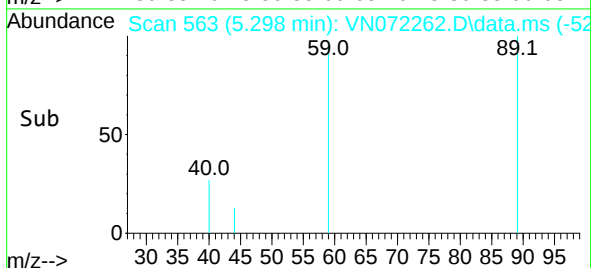
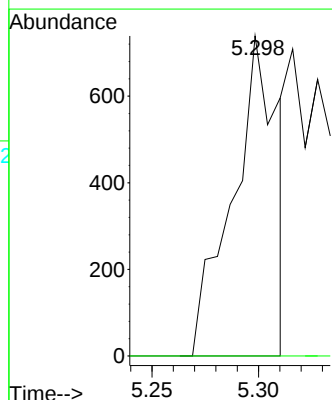
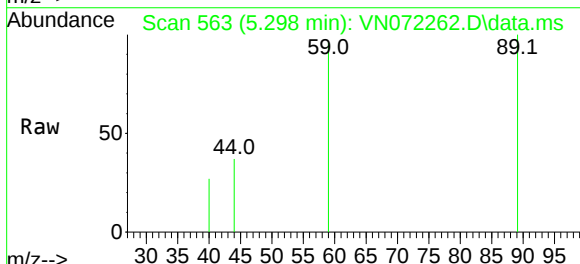
Instrument :
MSVOA_N
ClientSampleId :
VX0429WBL01

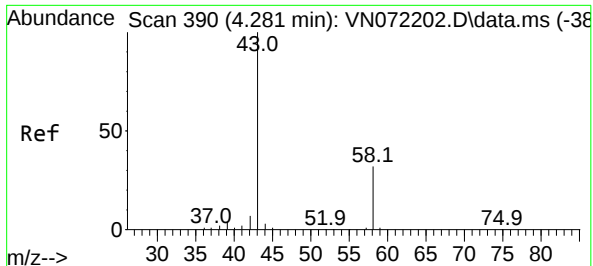
Tgt Ion: 64 Resp: 295
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 2.097 ug/l
RT: 5.298 min Scan# 563
Delta R.T. -0.065 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

Tgt Ion: 59 Resp: 1086
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

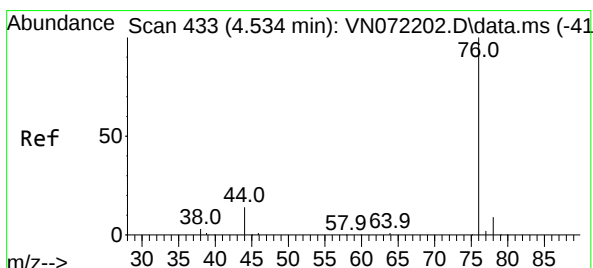
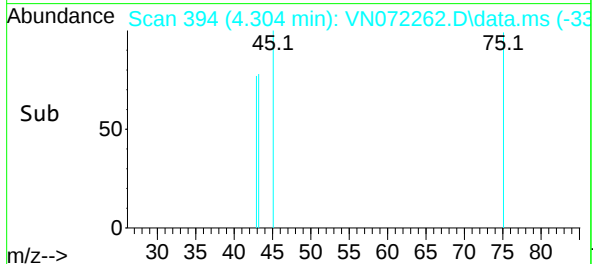
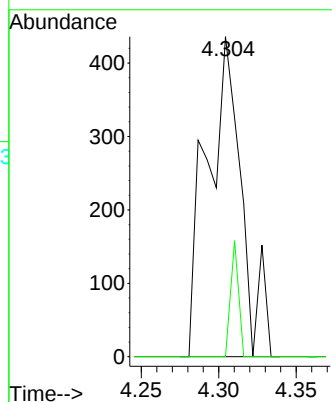
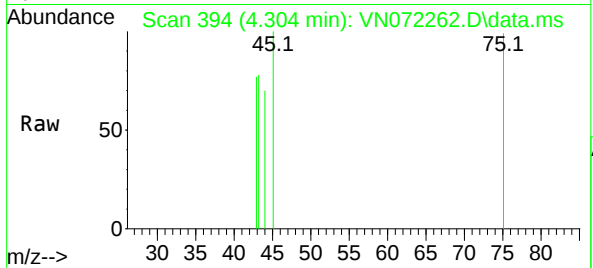




#16
Acetone
Concen: 0.498 ug/l
RT: 4.304 min Scan# 391
Delta R.T. 0.023 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

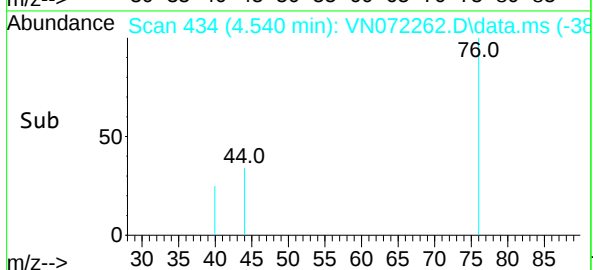
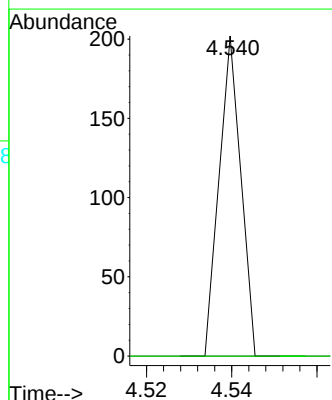
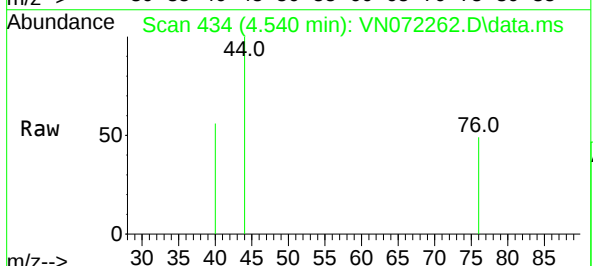
Instrument :
MSVOA_N
ClientSampleId :
VX0429WBL01

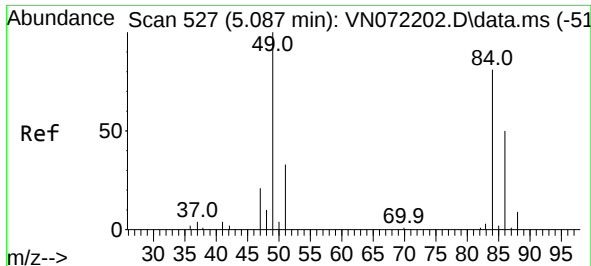
Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.378 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

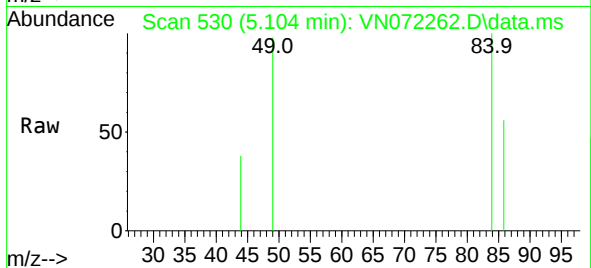
Tgt Ion: 76 Resp: 71
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





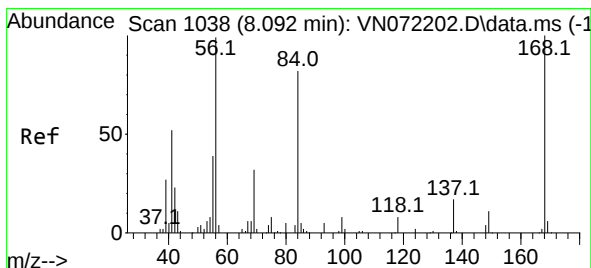
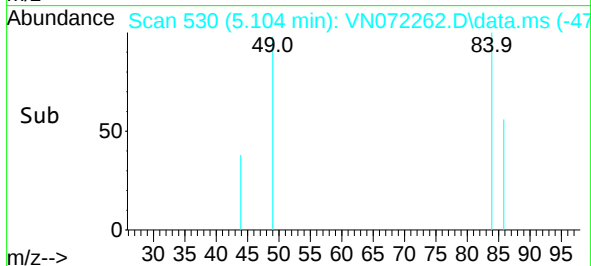
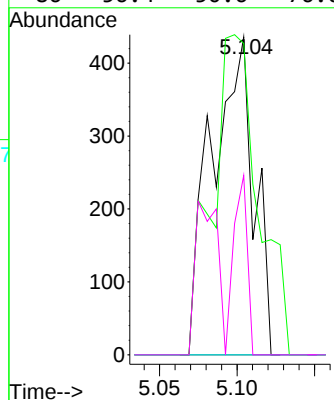
#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VX0429WBL01



Tgt Ion: 84 Resp: 822

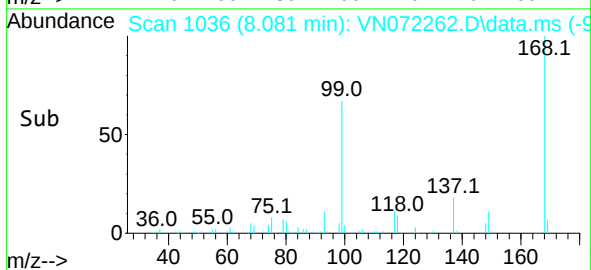
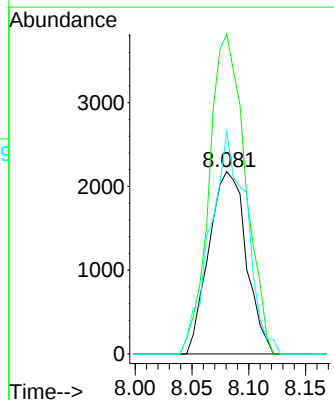
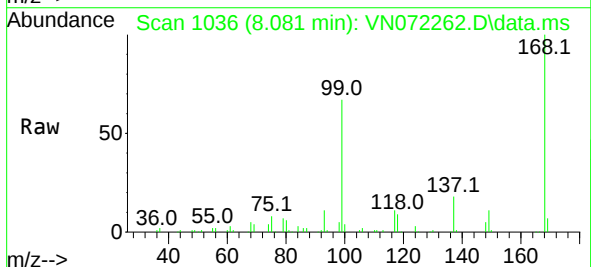
Ion	Ratio	Lower	Upper
84	100		
49	97.9	88.3	132.5
51	0.0	28.2	42.2#
86	56.4	50.6	76.0

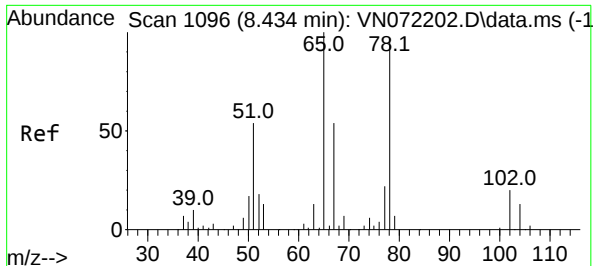


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

Tgt Ion: 56 Resp: 4957

Ion	Ratio	Lower	Upper
56	100		
69	175.5	27.8	41.8#
84	122.0	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 54.978 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072262.D

Acq: 29 Apr 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

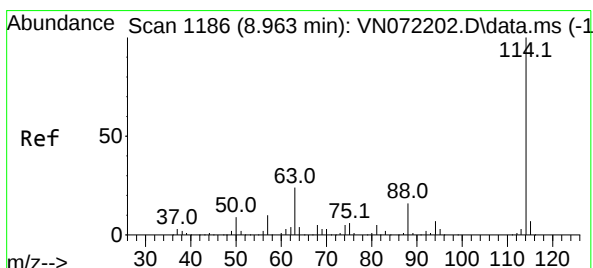
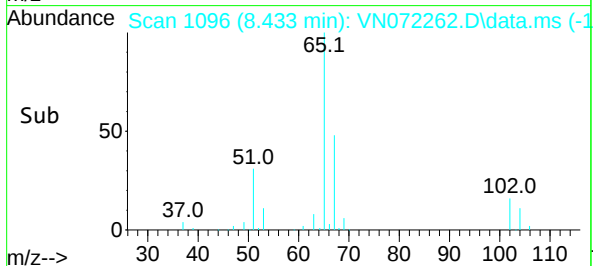
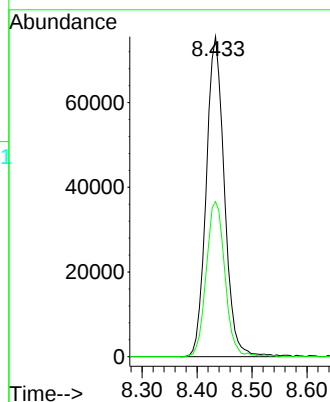
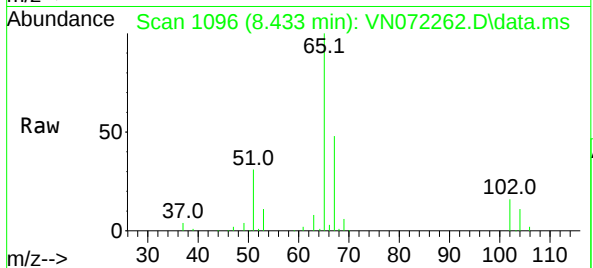
VX0429WBL01

Tgt Ion: 65 Resp: 173262

Ion Ratio Lower Upper

65 100

67 49.7 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: VN072262.D

Acq: 29 Apr 2022 12:00

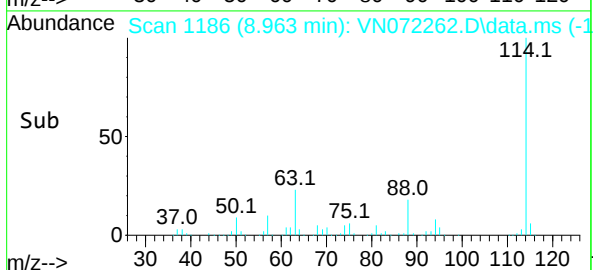
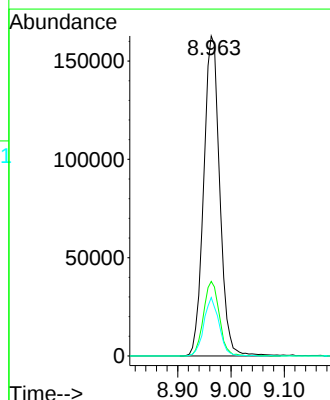
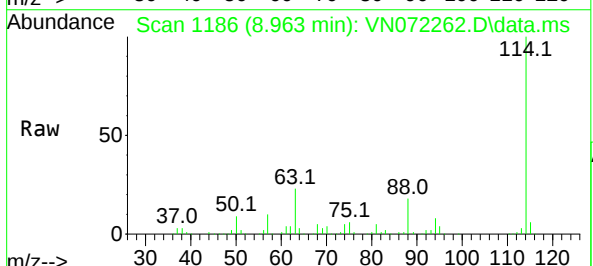
Tgt Ion: 114 Resp: 340807

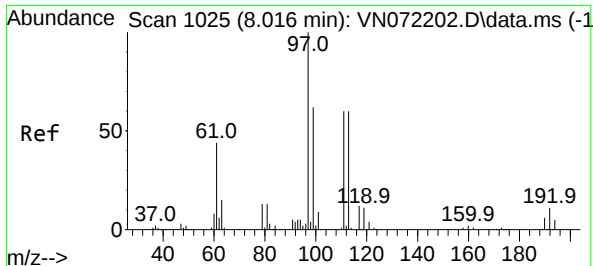
Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

88 18.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.533 ug/l

RT: 8.022 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VN072262.D

Acq: 29 Apr 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VX0429WBL01

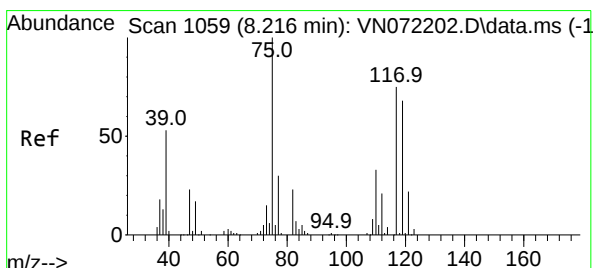
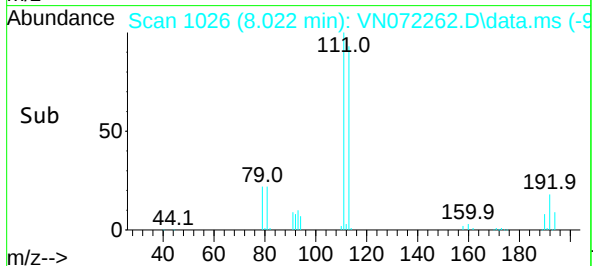
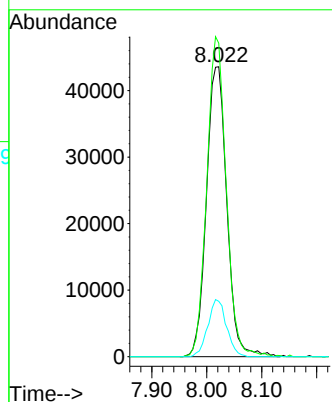
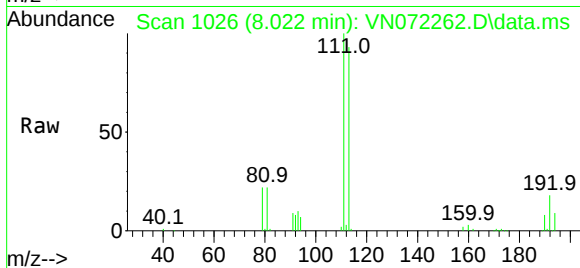
Tgt Ion:113 Resp: 112412

Ion Ratio Lower Upper

113 100

111 105.0 81.4 122.0

192 18.0 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.841 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072262.D

Acq: 29 Apr 2022 12:00

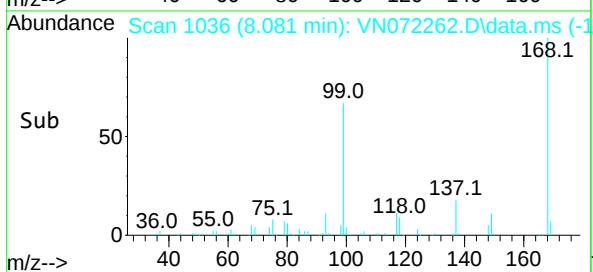
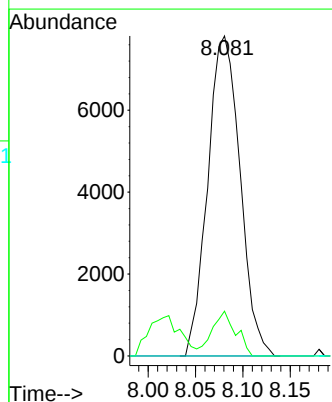
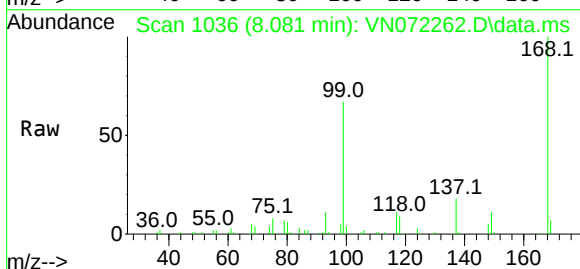
Tgt Ion: 75 Resp: 18546

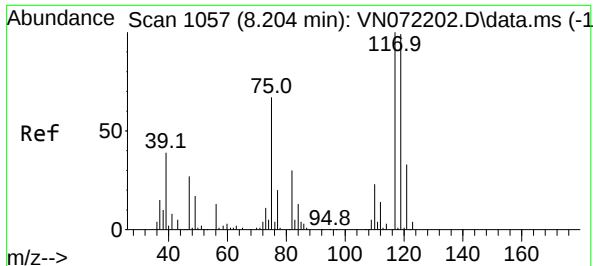
Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.8#

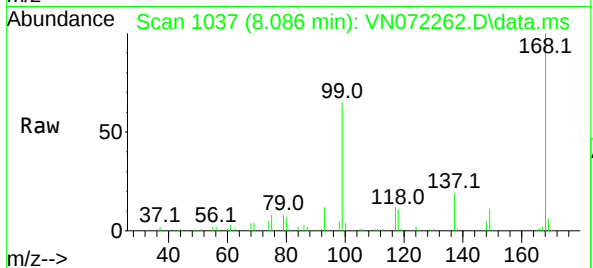
77 0.0 25.1 37.7#



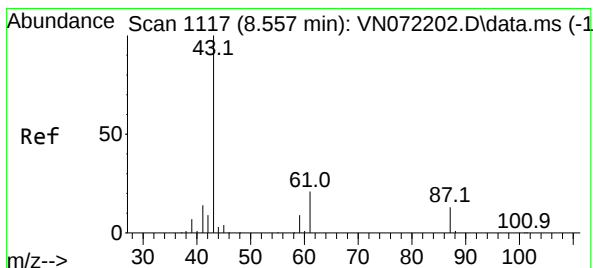
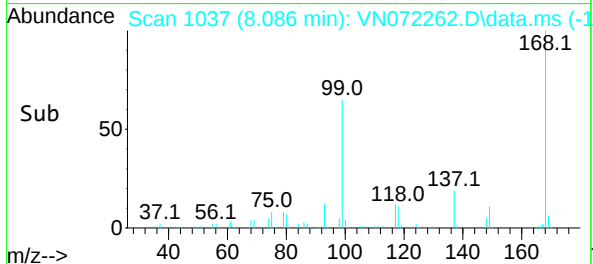
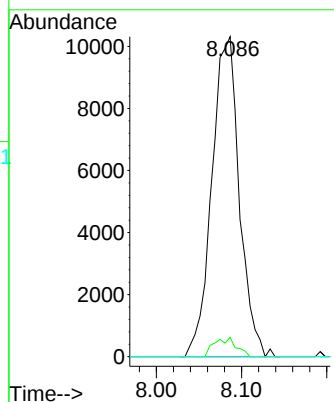


#38
Carbon Tetrachloride
Concen: 6.795 ug/l
RT: 8.086 min Scan# 1109
Delta R.T. -0.118 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VX0429WBL01

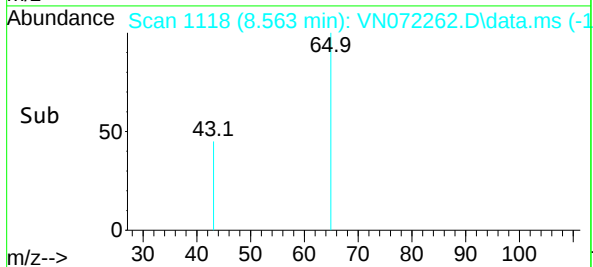
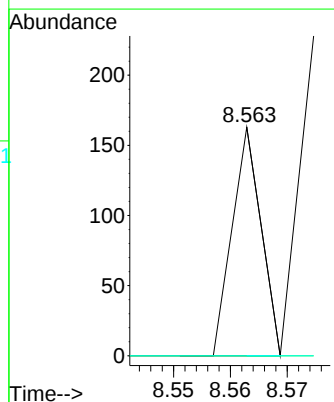
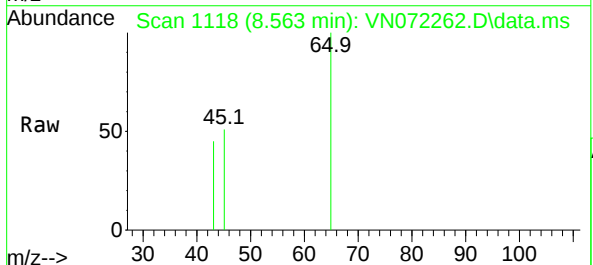


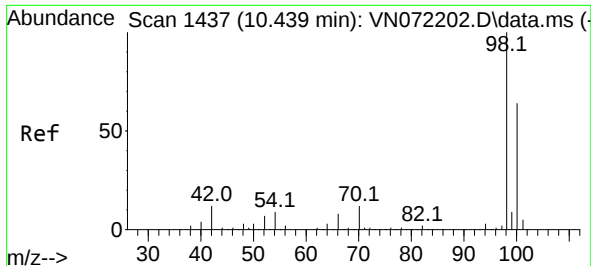
Tgt Ion: 117 Resp: 23109
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.810 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

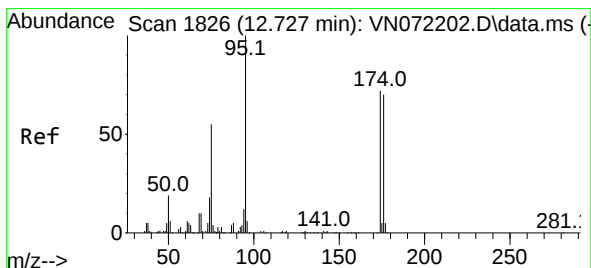
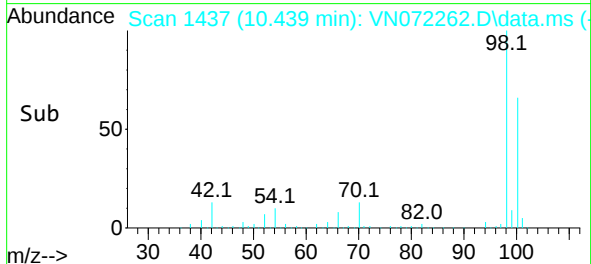
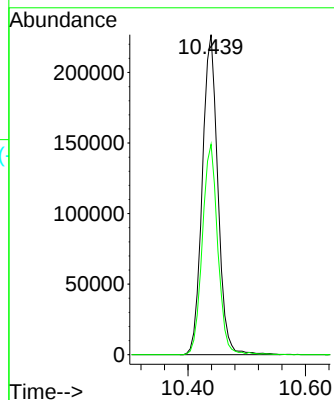
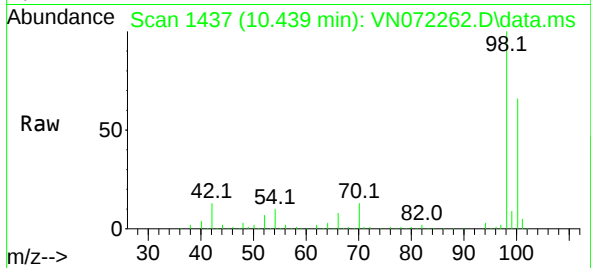




#50
Toluene-d8
Concen: 48.504 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

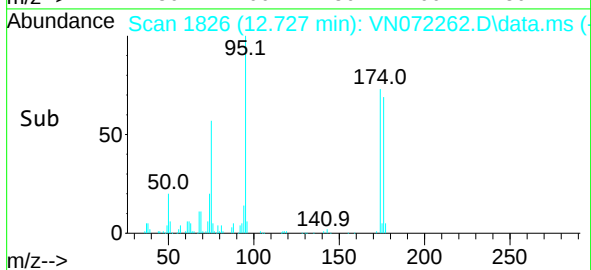
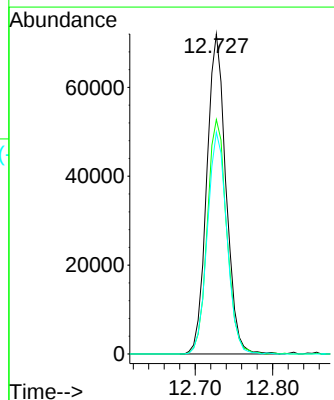
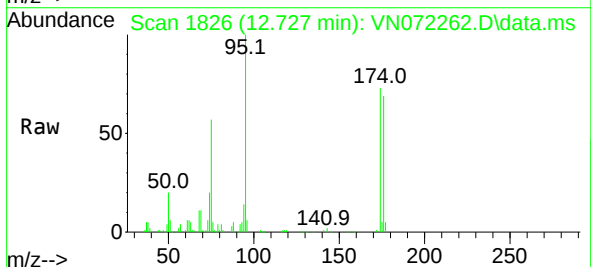
Instrument :
MSVOA_N
ClientSampleId :
VX0429WBL01

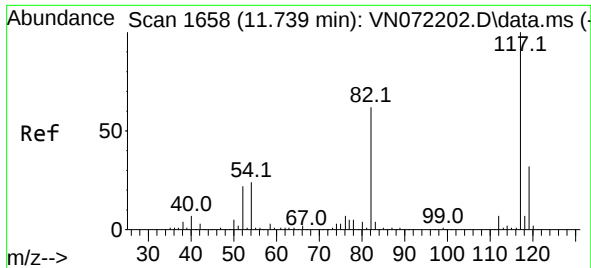
Tgt Ion: 98 Resp: 415751
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.430 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

Tgt Ion: 95 Resp: 123558
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 70.1 0.0 163.4

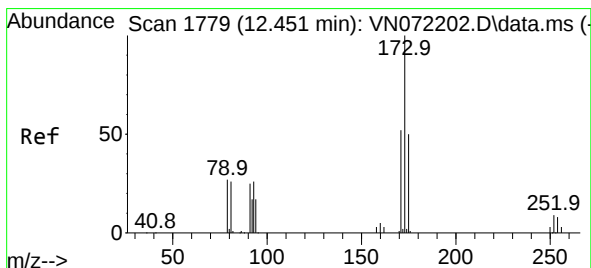
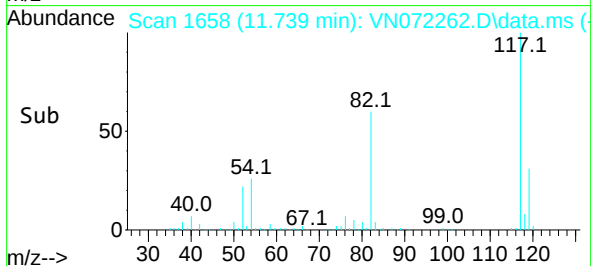
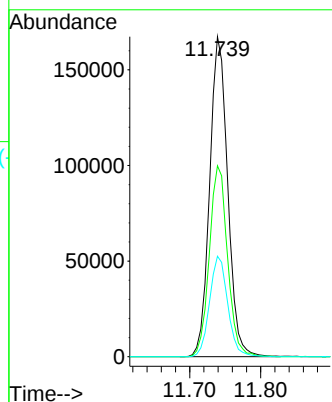
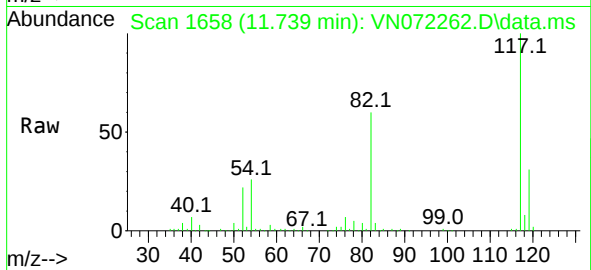




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

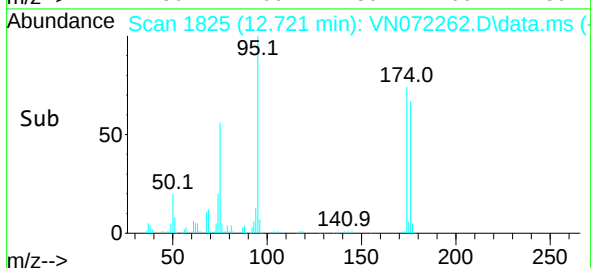
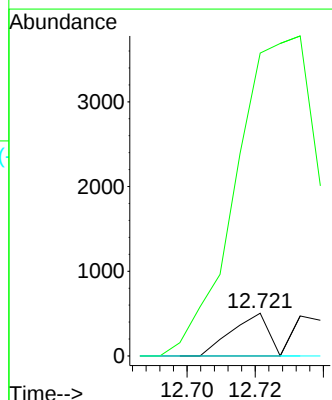
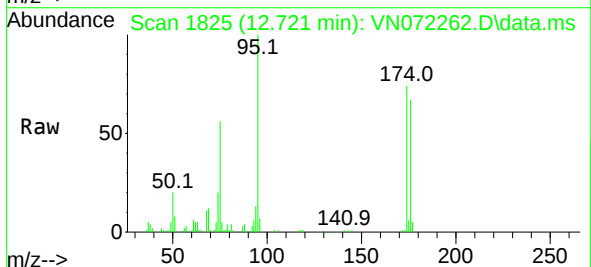
Instrument :
MSVOA_N
ClientSampleId :
VX0429WBL01

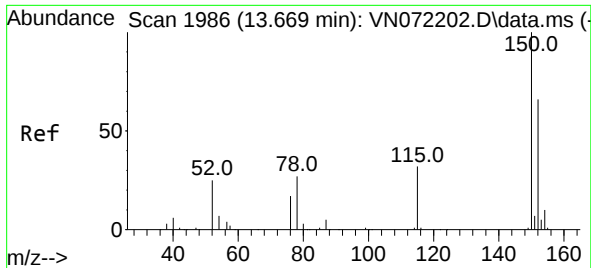
Tgt Ion:117 Resp: 295485
Ion Ratio Lower Upper
117 100
82 59.6 44.2 66.2
119 31.4 25.4 38.0



#71
Bromoform
Concen: 0.225 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

Tgt Ion:173 Resp: 376
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

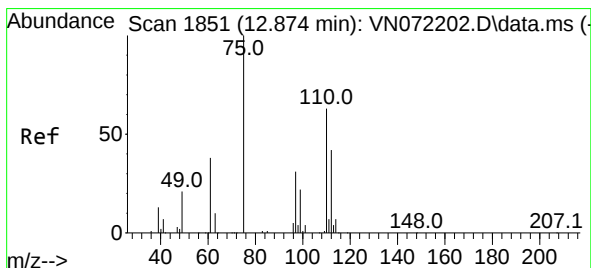
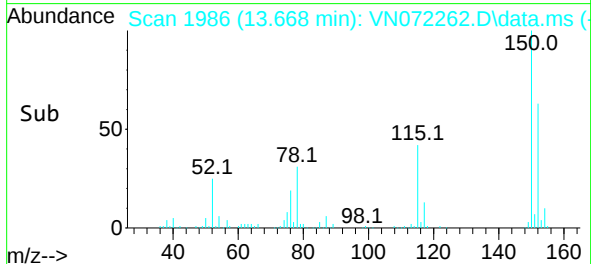
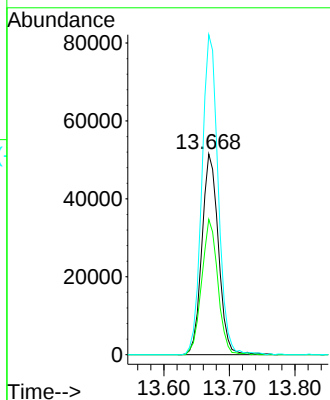
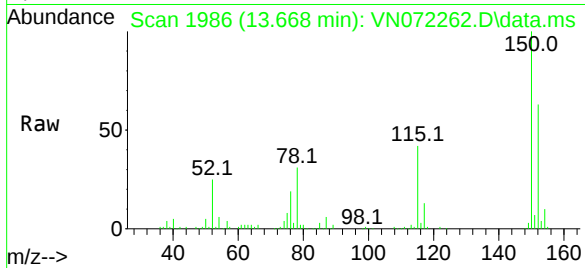




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072262.D
 Acq: 29 Apr 2022 12:00

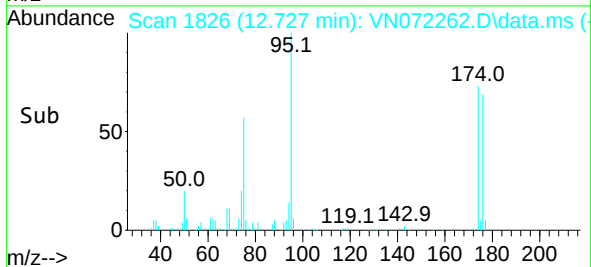
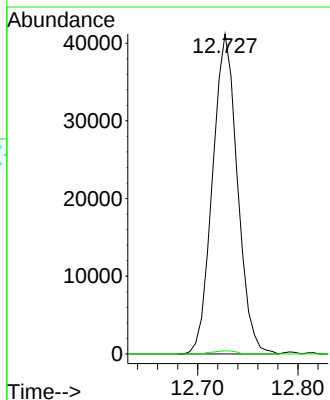
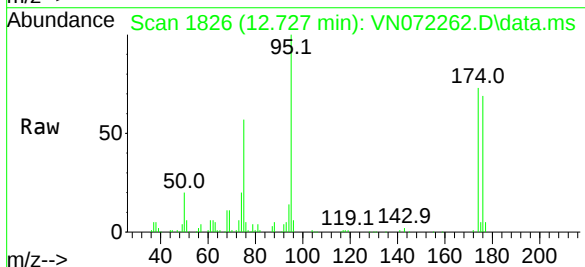
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0429WBL01

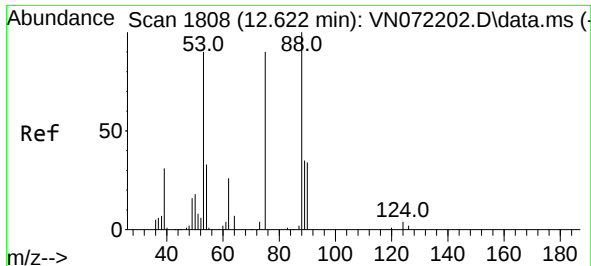
Tgt Ion:152 Resp: 90393
 Ion Ratio Lower Upper
 152 100
 115 66.0 28.9 86.7
 150 157.5 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 34.867 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072262.D
 Acq: 29 Apr 2022 12:00

Tgt Ion: 75 Resp: 71055
 Ion Ratio Lower Upper
 75 100
 77 0.9 98.5 295.5#

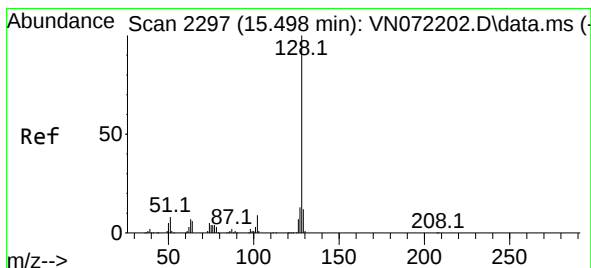
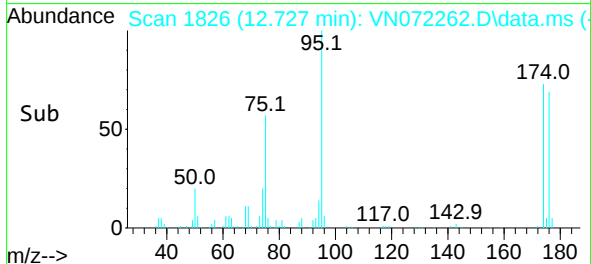
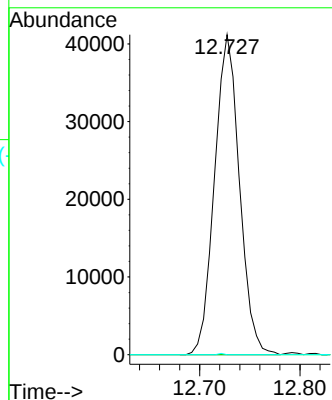
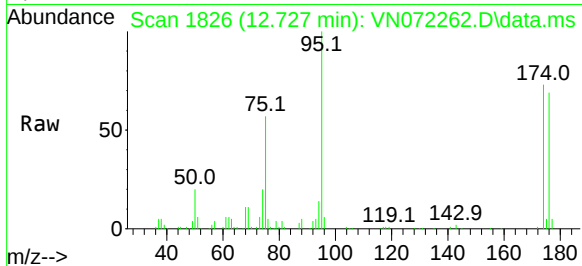




#81
trans-1,4-Dichloro-2-butene
Concen: 90.890 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.105 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VX0429WBL01

Tgt Ion: 75 Resp: 71055
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 4.493 ug/l
RT: 15.515 min Scan# 2300
Delta R.T. 0.017 min
Lab File: VN072262.D
Acq: 29 Apr 2022 12:00

Tgt Ion: 128 Resp: 989
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

