

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072458.D
 Acq On : 12 May 2022 17:20
 Operator : JC\MD
 Sample : N2800-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-1

Quant Time: May 13 02:46:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

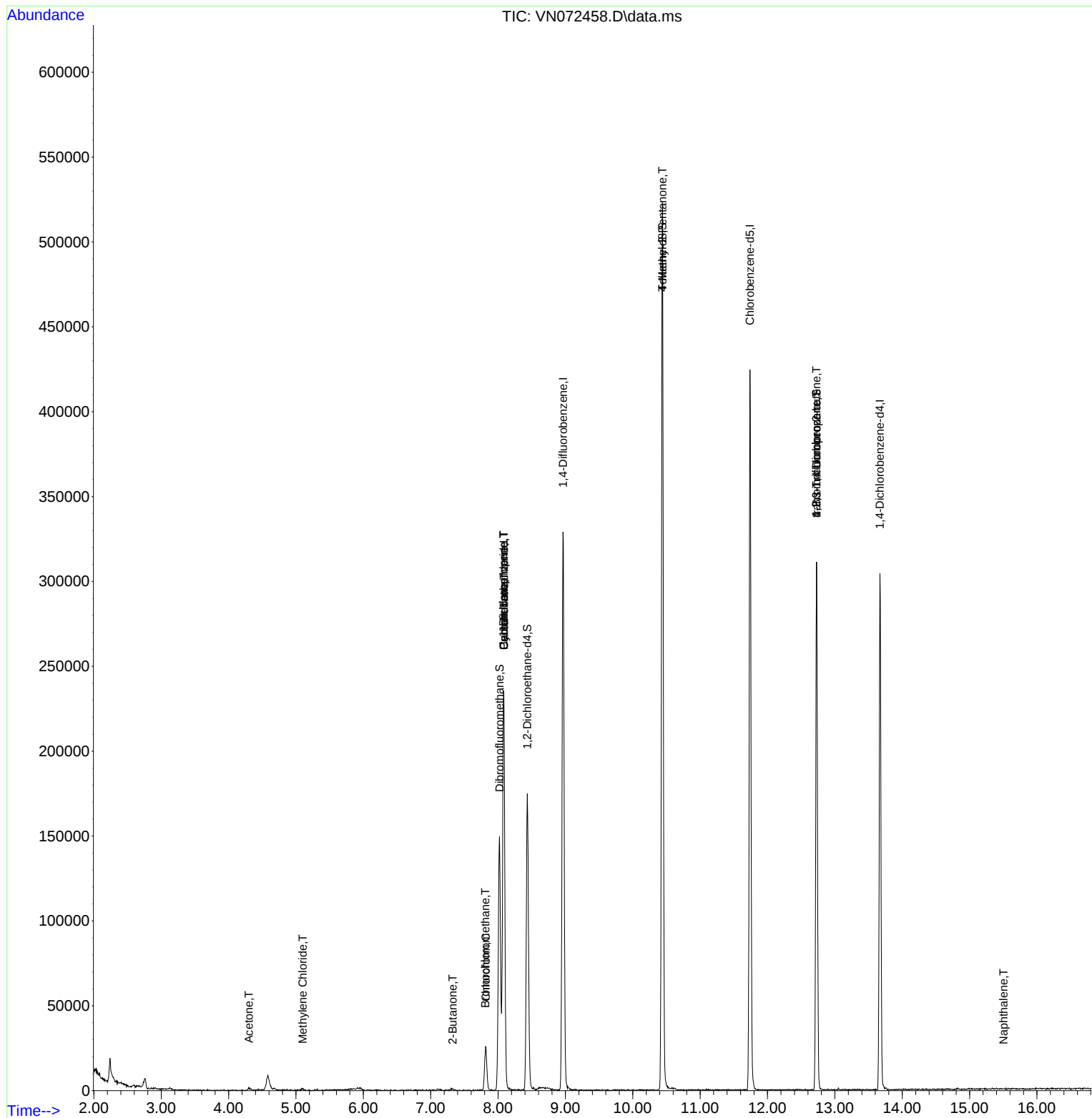
Internal Standards						
1) Pentafluorobenzene	8.086	168	170931	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	279151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	241059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	80430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	155328	59.329	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 118.660%	
35) Dibromofluoromethane	8.022	113	106995	57.612	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 115.220%	
50) Toluene-d8	10.439	98	358243	50.649	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.300%	
62) 4-Bromofluorobenzene	12.727	95	105846	45.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	495	Below Cal	#	43
6) Chloroethane	2.999	64	380	Below Cal	#	42
16) Acetone	4.298	43	1883	1.816	ug/l #	83
20) Methylene Chloride	5.098	84	579	0.272	ug/l #	79
25) 2-Butanone	7.328	43	383	0.234	ug/l #	45
28) Bromochloromethane	7.810	49	2005	1.286	ug/l #	8
30) Chloroform	7.816	83	24591	6.582	ug/l	87
31) Cyclohexane	8.086	56	4043	1.165	ug/l #	25
36) 1,1-Dichloropropene	8.081	75	15203	5.699	ug/l #	48
38) Carbon Tetrachloride	8.086	117	19439	6.511	ug/l #	16
51) 4-Methyl-2-Pentanone	10.439	43	1456	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	59960	28.583	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	59960	95.353	ug/l #	10
95) Naphthalene	15.504	128	219	3.230	ug/l #	69

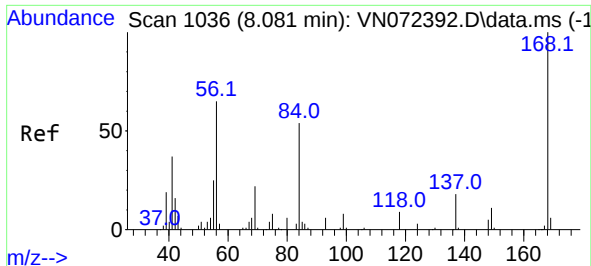
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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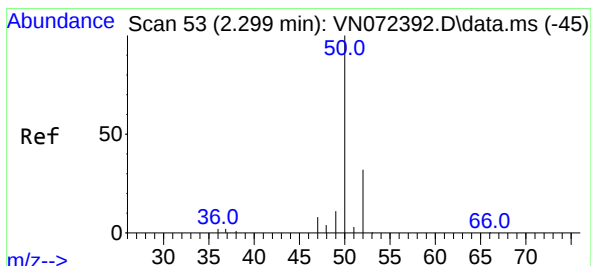
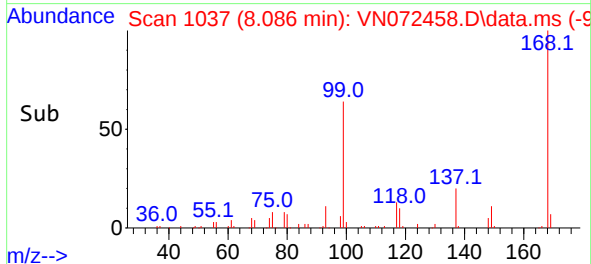
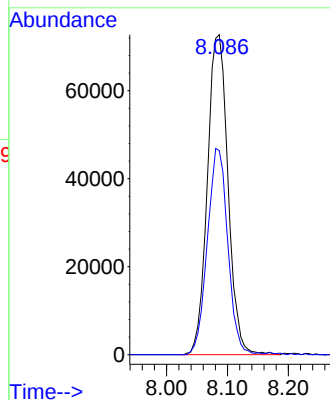
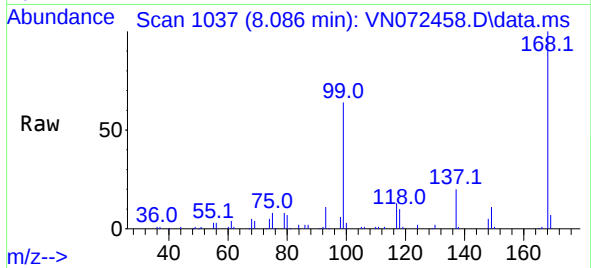




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

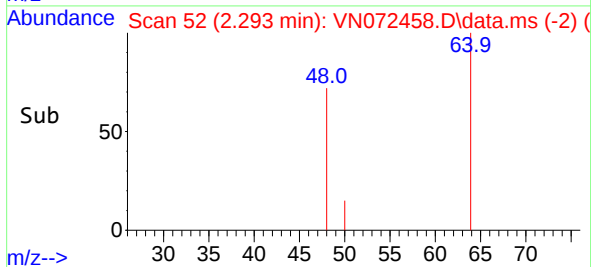
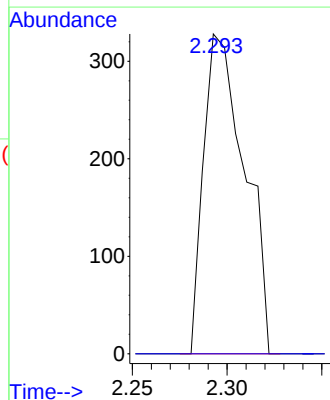
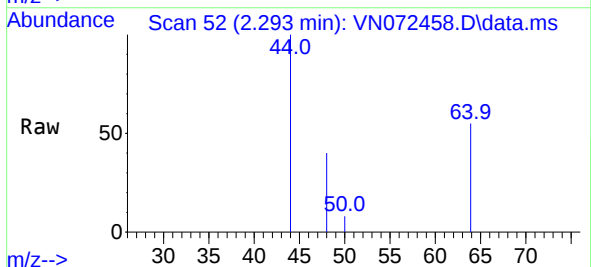
Instrument :
MSVOA_N
ClientSampleId :
PZ-1

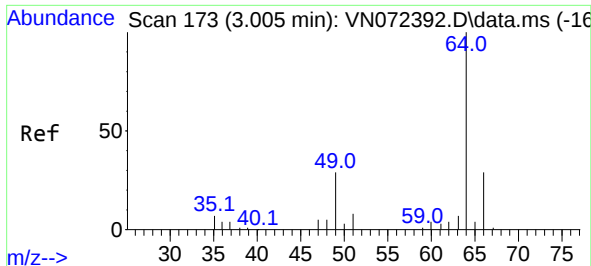
Tgt Ion:168 Resp: 170931
Ion Ratio Lower Upper
168 100
99 63.8 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Tgt Ion: 50 Resp: 495
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

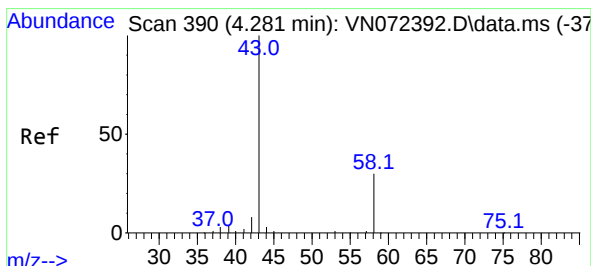
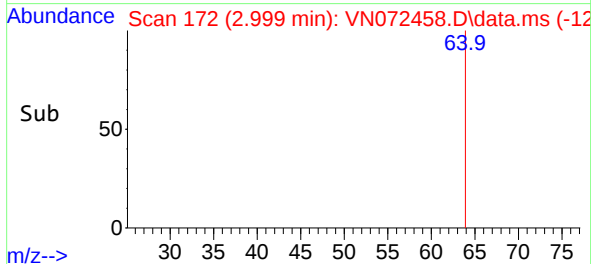
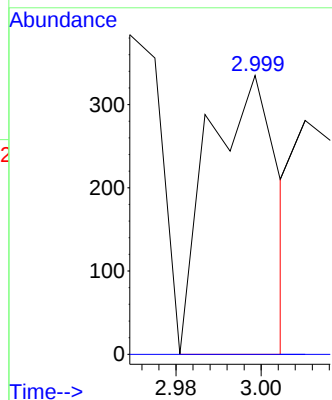
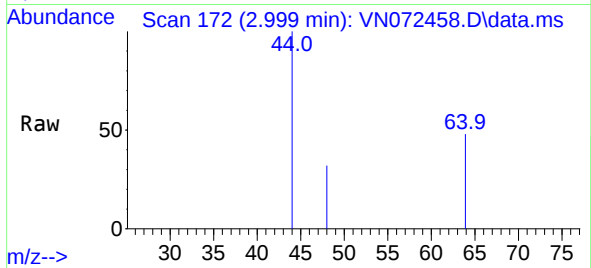




#6
Chloroethane
Concen: Below Cal
RT: 2.999 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

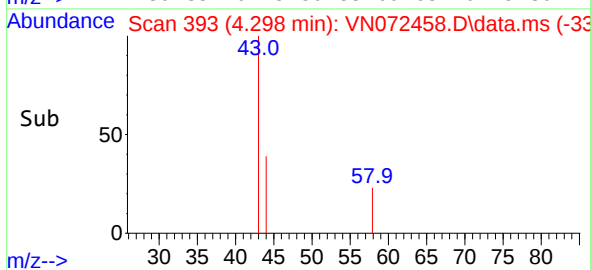
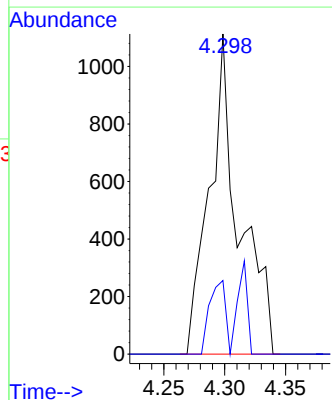
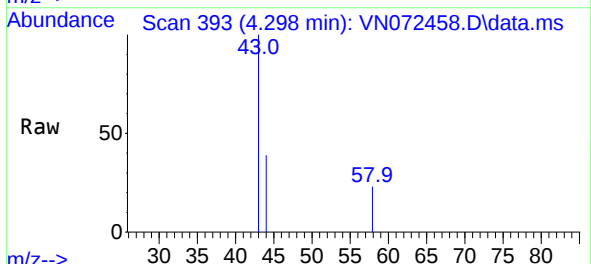
Instrument :
MSVOA_N
ClientSampleId :
PZ-1

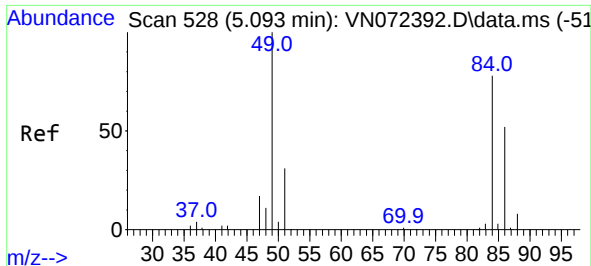
Tgt Ion: 64 Resp: 380
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 1.816 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
58 23.0 26.0 39.0#



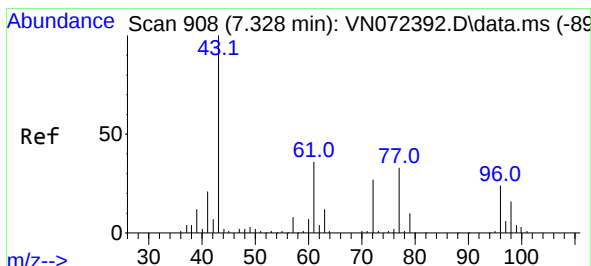
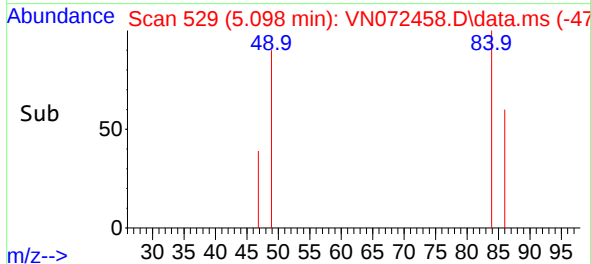
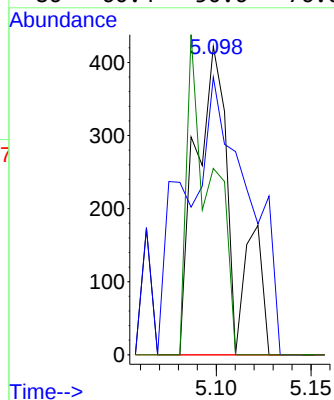
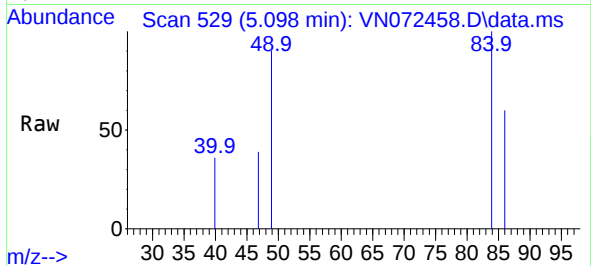


#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
PZ-1

Tgt Ion: 84 Resp: 579

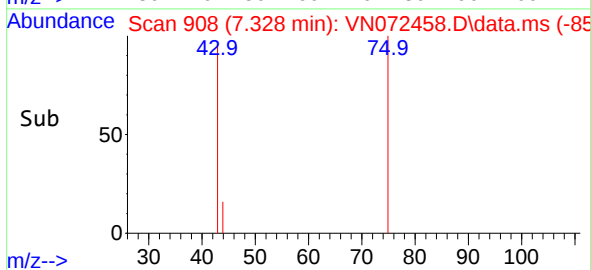
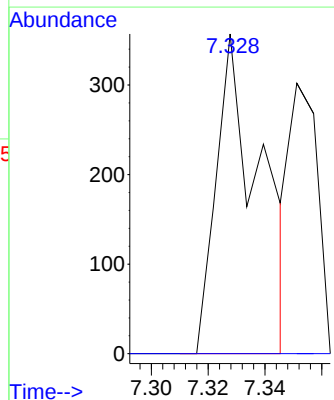
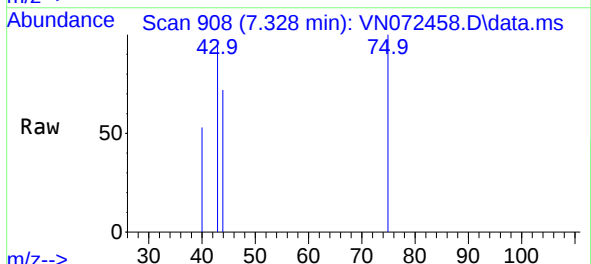
Ion	Ratio	Lower	Upper
84	100		
49	90.0	88.3	132.5
51	0.0	28.2	42.2#
86	60.4	50.6	76.0

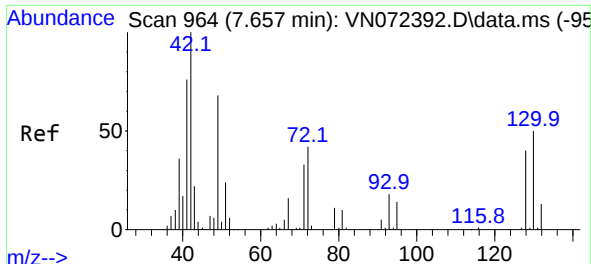


#25
2-Butanone
Concen: 0.234 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Tgt Ion: 43 Resp: 383

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

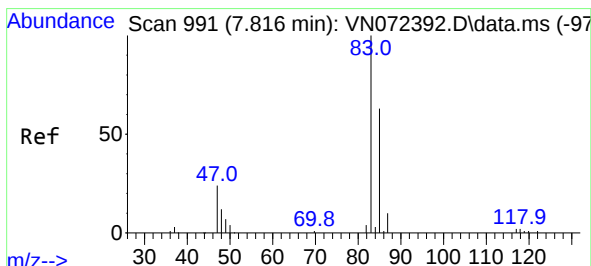
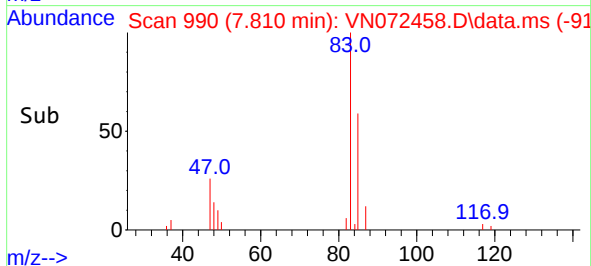
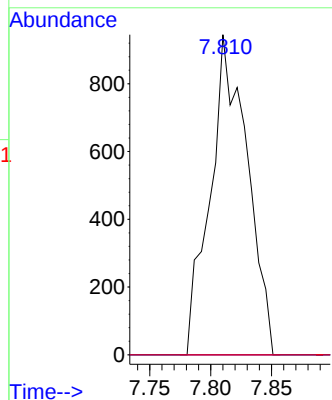
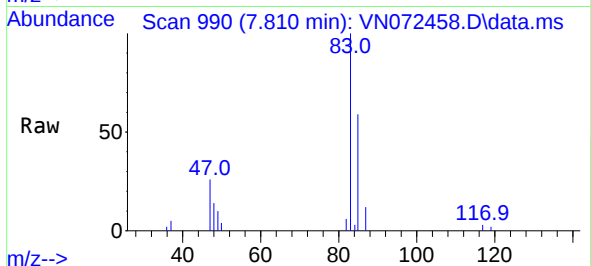




#28
Bromochloromethane
Concen: 1.286 ug/l
RT: 7.810 min Scan# 991
Delta R.T. 0.153 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

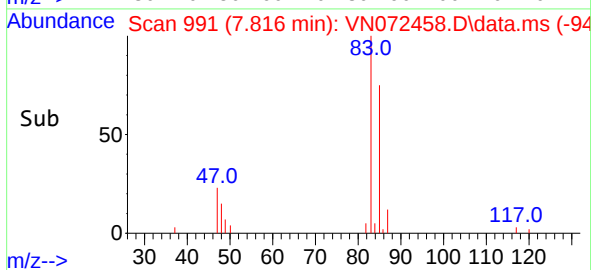
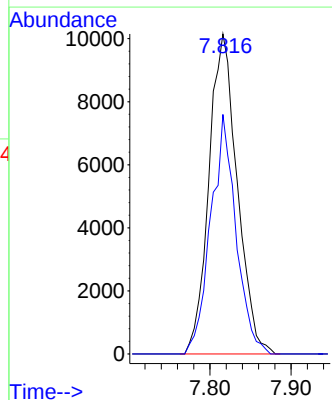
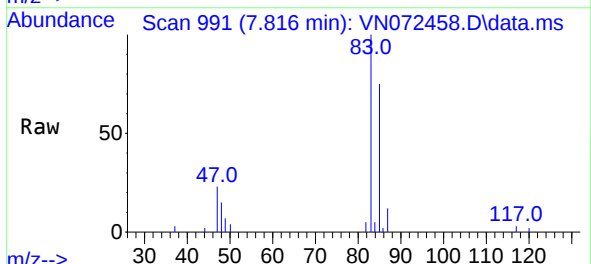
Instrument :
MSVOA_N
ClientSampleId :
PZ-1

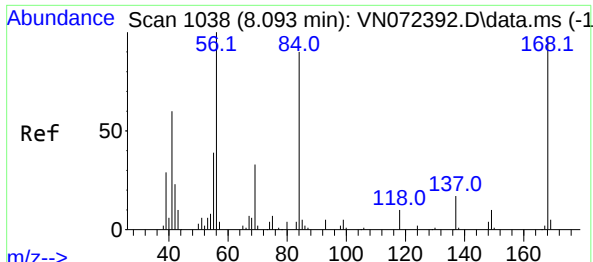
Tgt Ion: 49 Resp: 2005
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#30
Chloroform
Concen: 6.582 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Tgt Ion: 83 Resp: 24591
Ion Ratio Lower Upper
83 100
85 74.9 51.8 77.8

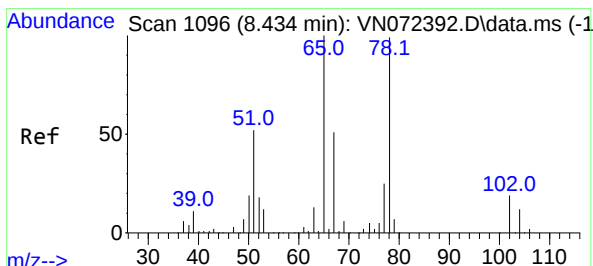
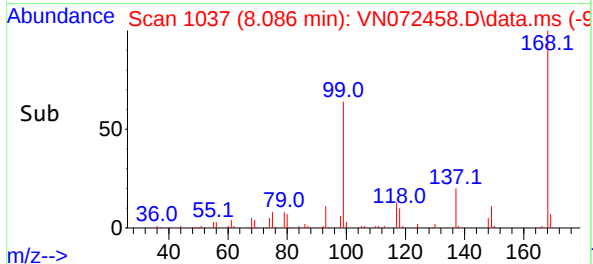
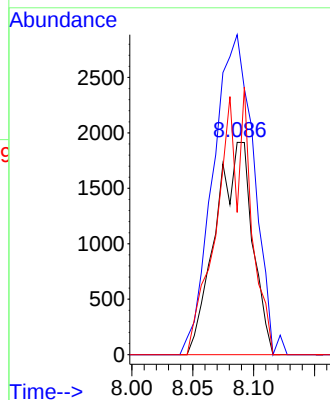
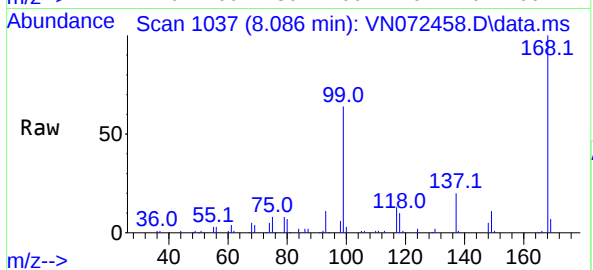




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

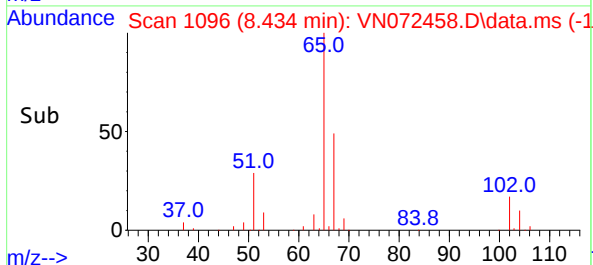
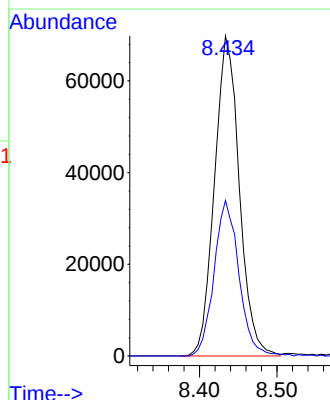
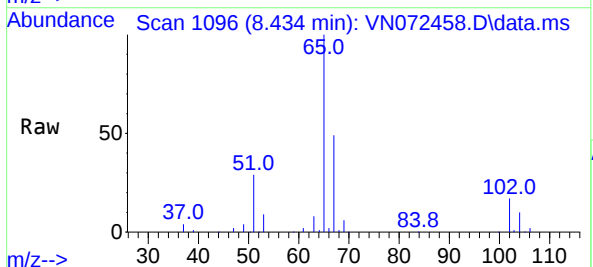
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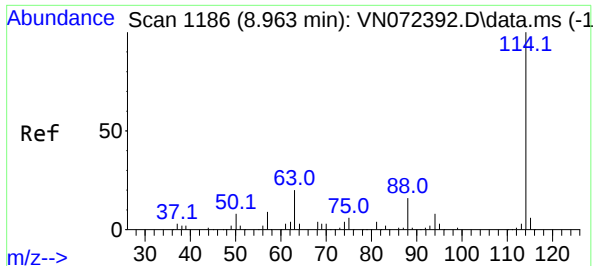
Tgt Ion: 56 Resp: 4043
Ion Ratio Lower Upper
56 100
69 150.7 27.8 41.8#
84 67.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 59.329 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Tgt Ion: 65 Resp: 155328
Ion Ratio Lower Upper
65 100
67 48.6 0.0 104.8

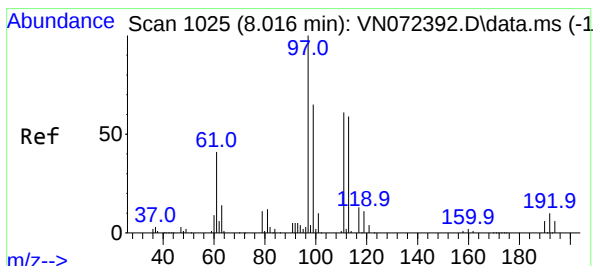
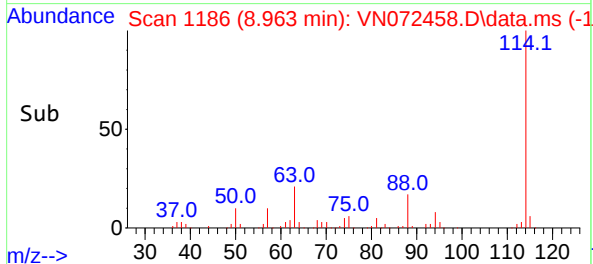
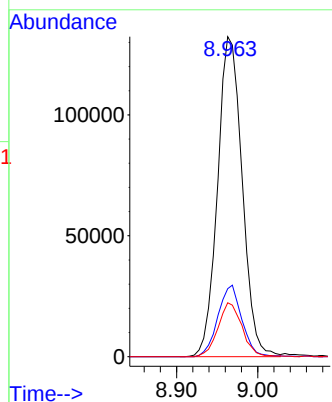
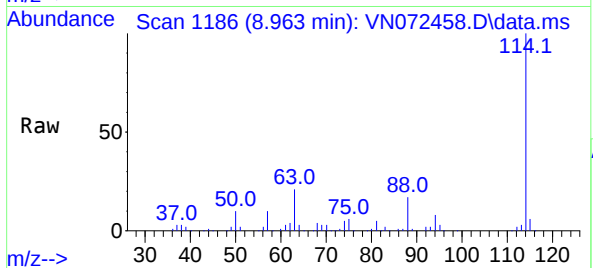




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

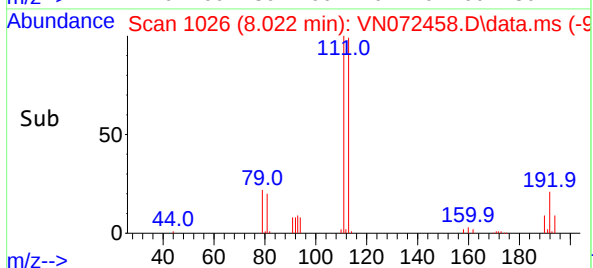
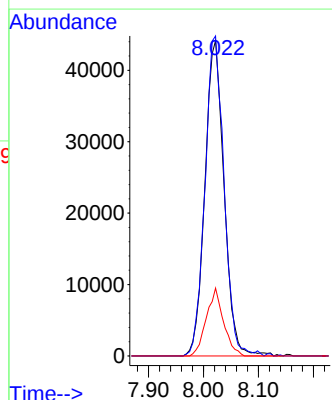
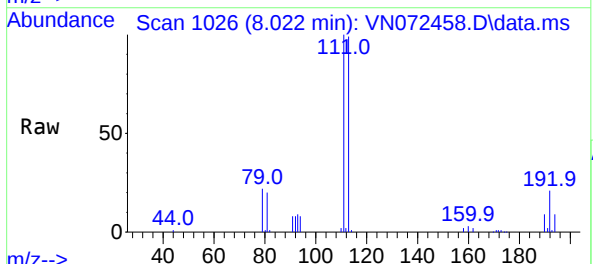
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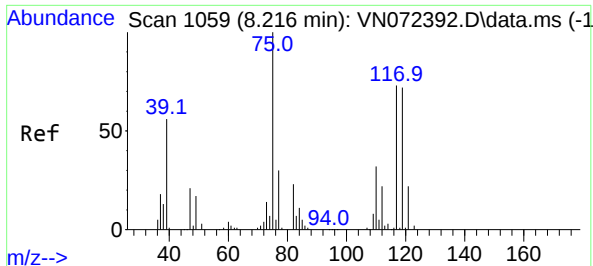
Tgt Ion:114 Resp: 279151
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.0
88 16.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 57.612 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Tgt Ion:113 Resp: 106995
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.0
192 19.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.699 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072458.D

Acq: 12 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

PZ-1

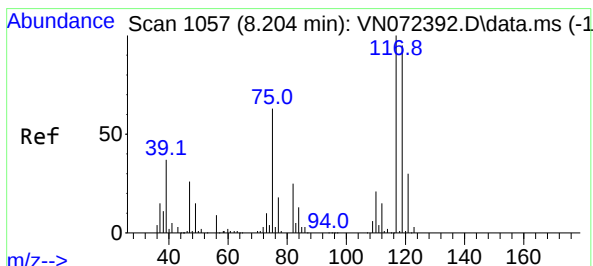
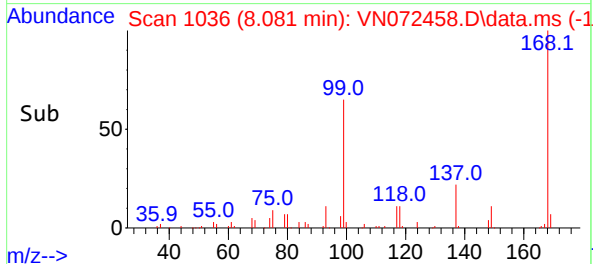
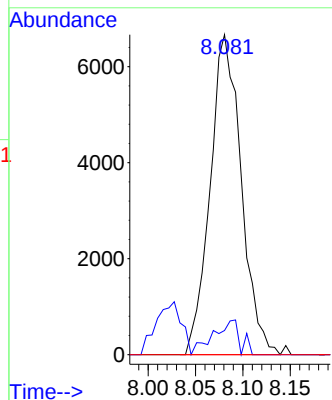
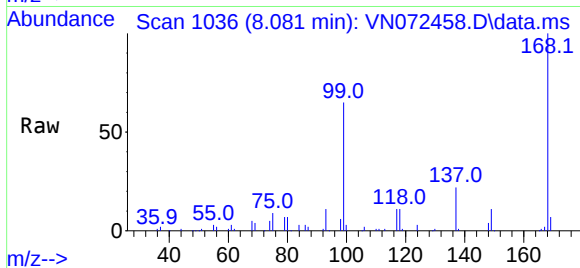
Tgt Ion: 75 Resp: 15203

Ion Ratio Lower Upper

75 100

110 8.2 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.511 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.118 min

Lab File: VN072458.D

Acq: 12 May 2022 17:20

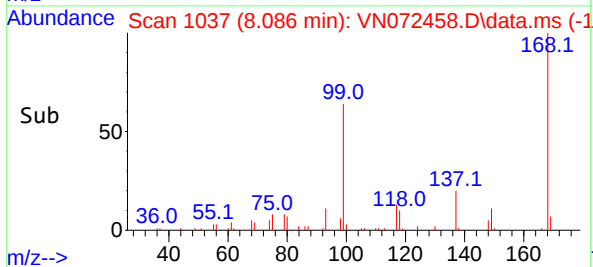
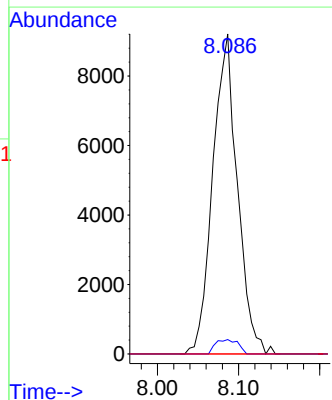
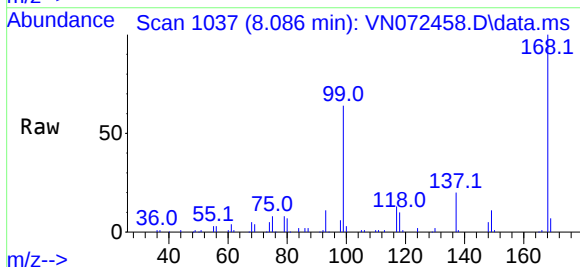
Tgt Ion: 117 Resp: 19439

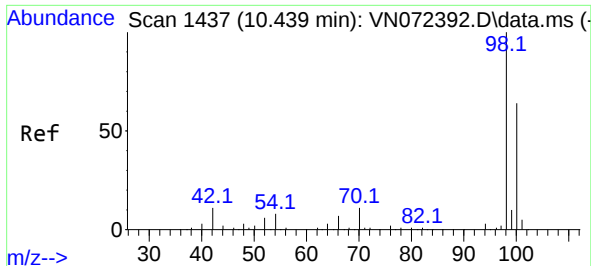
Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

121 0.0 24.6 37.0#

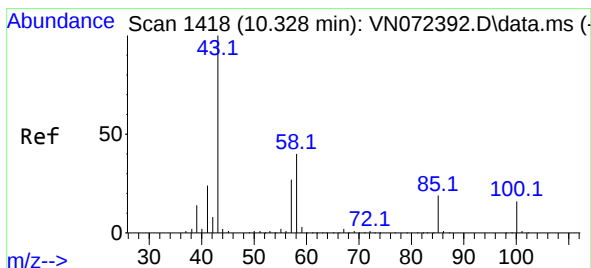
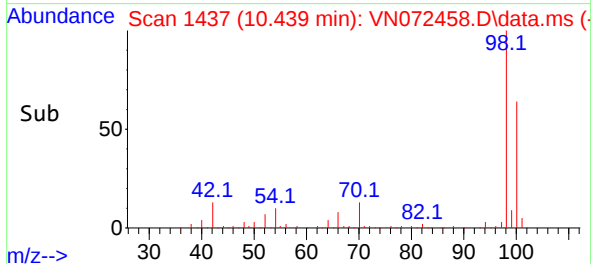
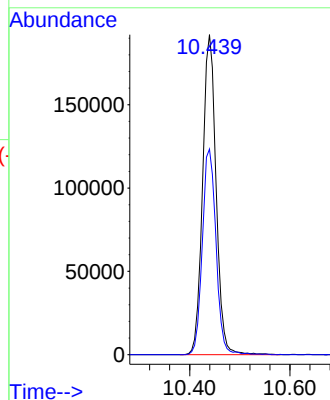
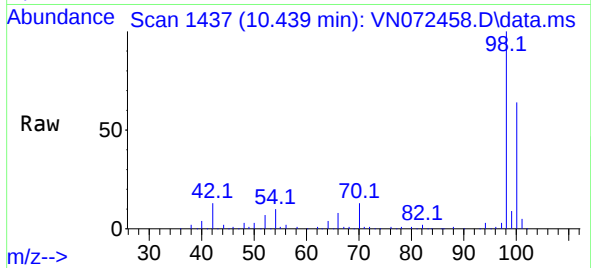




#50
Toluene-d8
Concen: 50.649 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

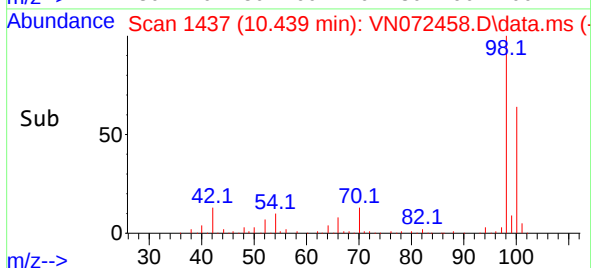
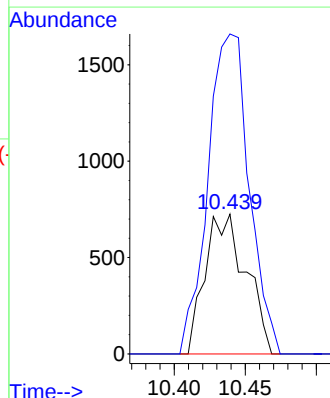
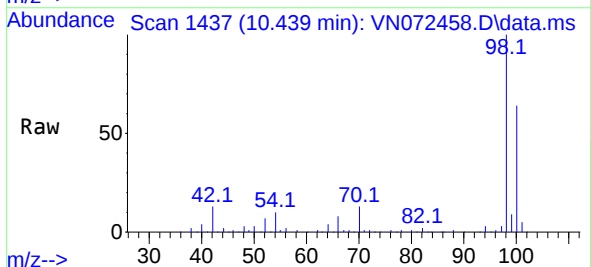
Instrument :
MSVOA_N
ClientSampleId :
PZ-1

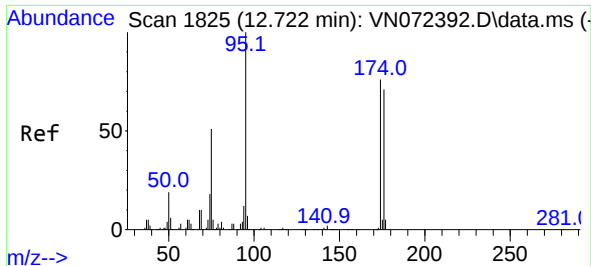
Tgt Ion: 98 Resp: 358243
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.477 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.111 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Tgt Ion: 43 Resp: 1456
Ion Ratio Lower Upper
43 100
58 230.7 34.1 51.1#

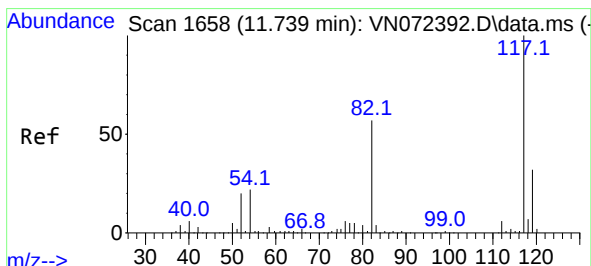
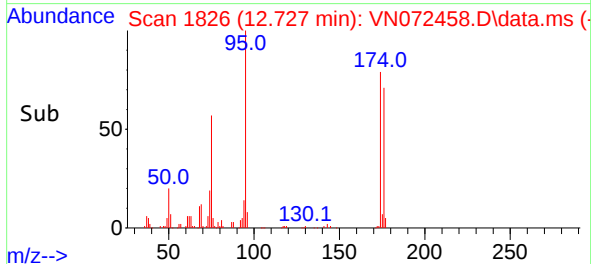
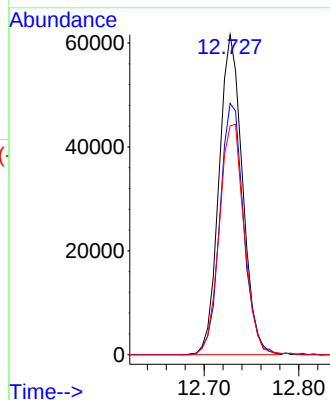
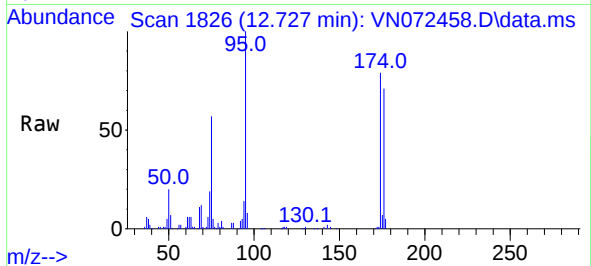




#62
4-Bromofluorobenzene
Concen: 45.060 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

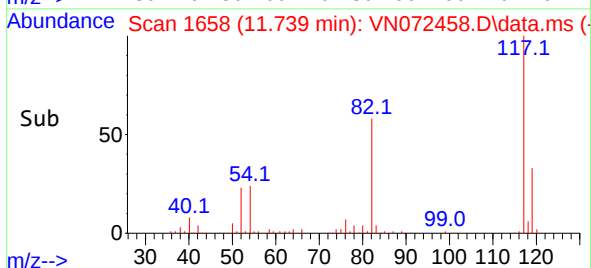
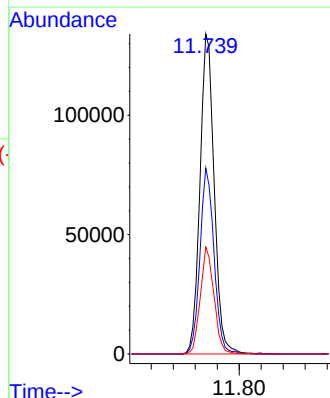
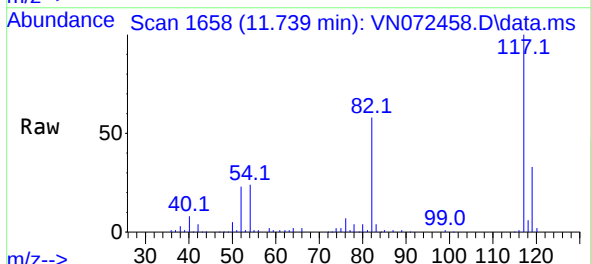
Instrument :
MSVOA_N
ClientSampleId :
PZ-1

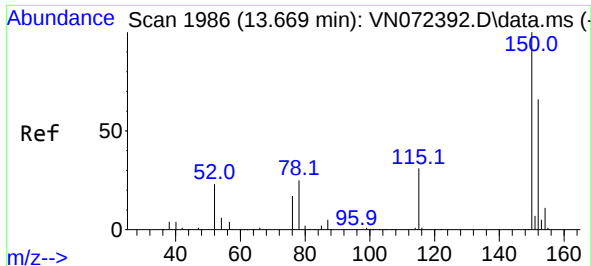
Tgt Ion: 95 Resp: 105846
Ion Ratio Lower Upper
95 100
174 79.9 0.0 167.6
176 76.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Tgt Ion: 117 Resp: 241059
Ion Ratio Lower Upper
117 100
82 58.0 44.2 66.2
119 33.4 25.4 38.0

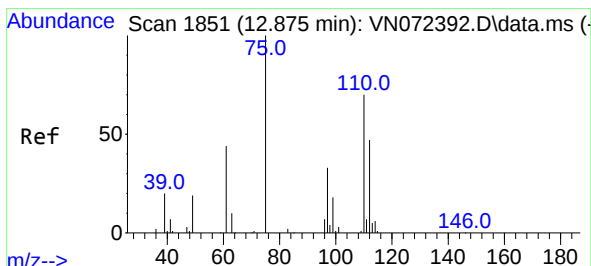
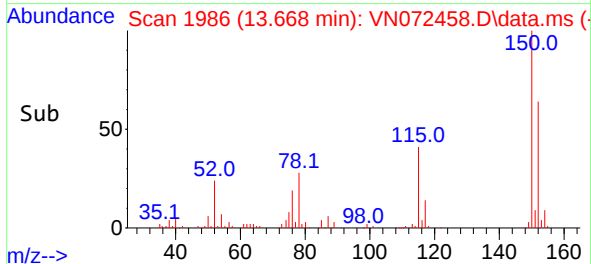
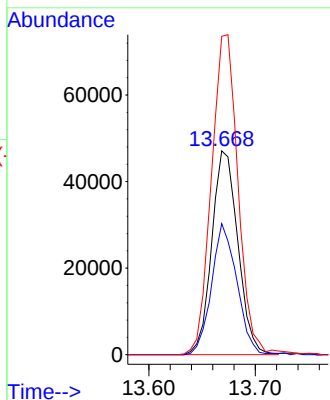
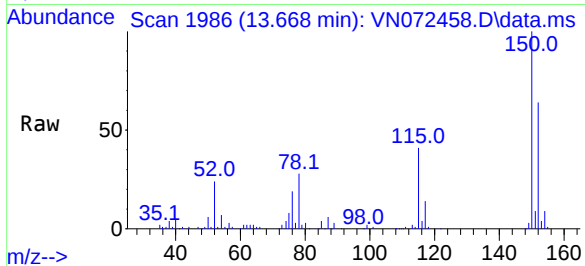




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

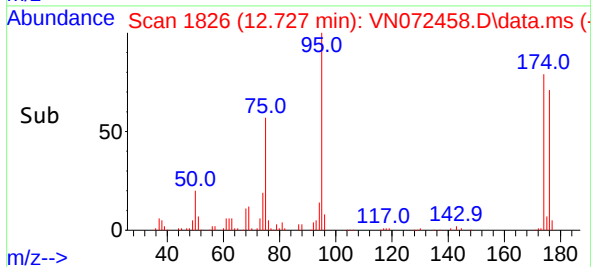
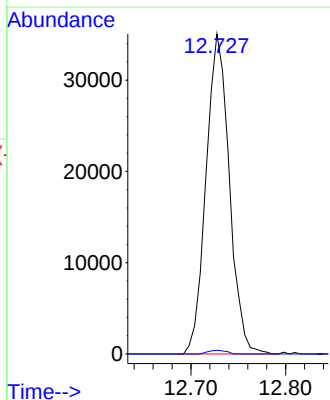
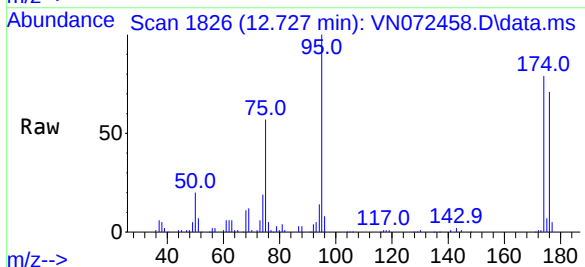
Instrument :
MSVOA_N
ClientSampleId :
PZ-1

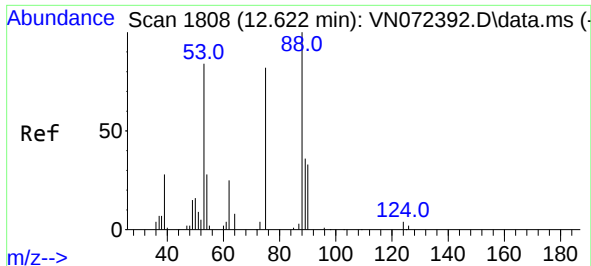
Tgt Ion:152 Resp: 80430
Ion Ratio Lower Upper
152 100
115 62.4 28.9 86.7
150 160.4 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 28.583 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.148 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Tgt Ion: 75 Resp: 59960
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#

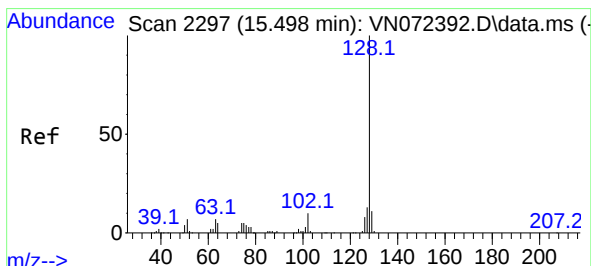
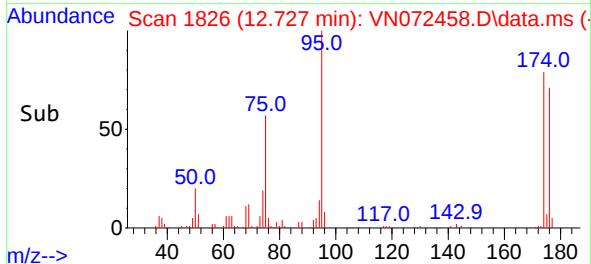
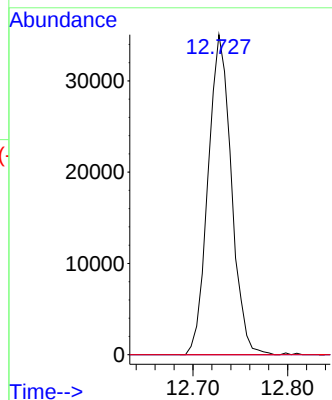
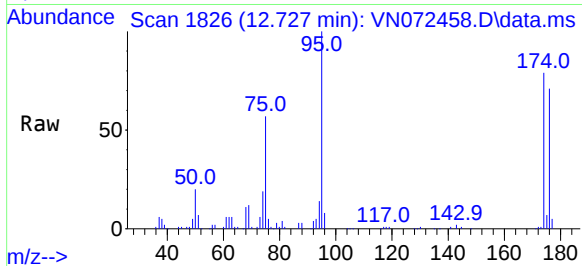




#81
trans-1,4-Dichloro-2-butene
Concen: 95.353 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
PZ-1

Tgt Ion: 75 Resp: 59960
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.230 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072458.D
Acq: 12 May 2022 17:20

Tgt Ion: 128 Resp: 219
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

