

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072459.D
 Acq On : 12 May 2022 17:44
 Operator : JC\MD
 Sample : N2800-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-2A

Quant Time: May 13 02:47:09 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)

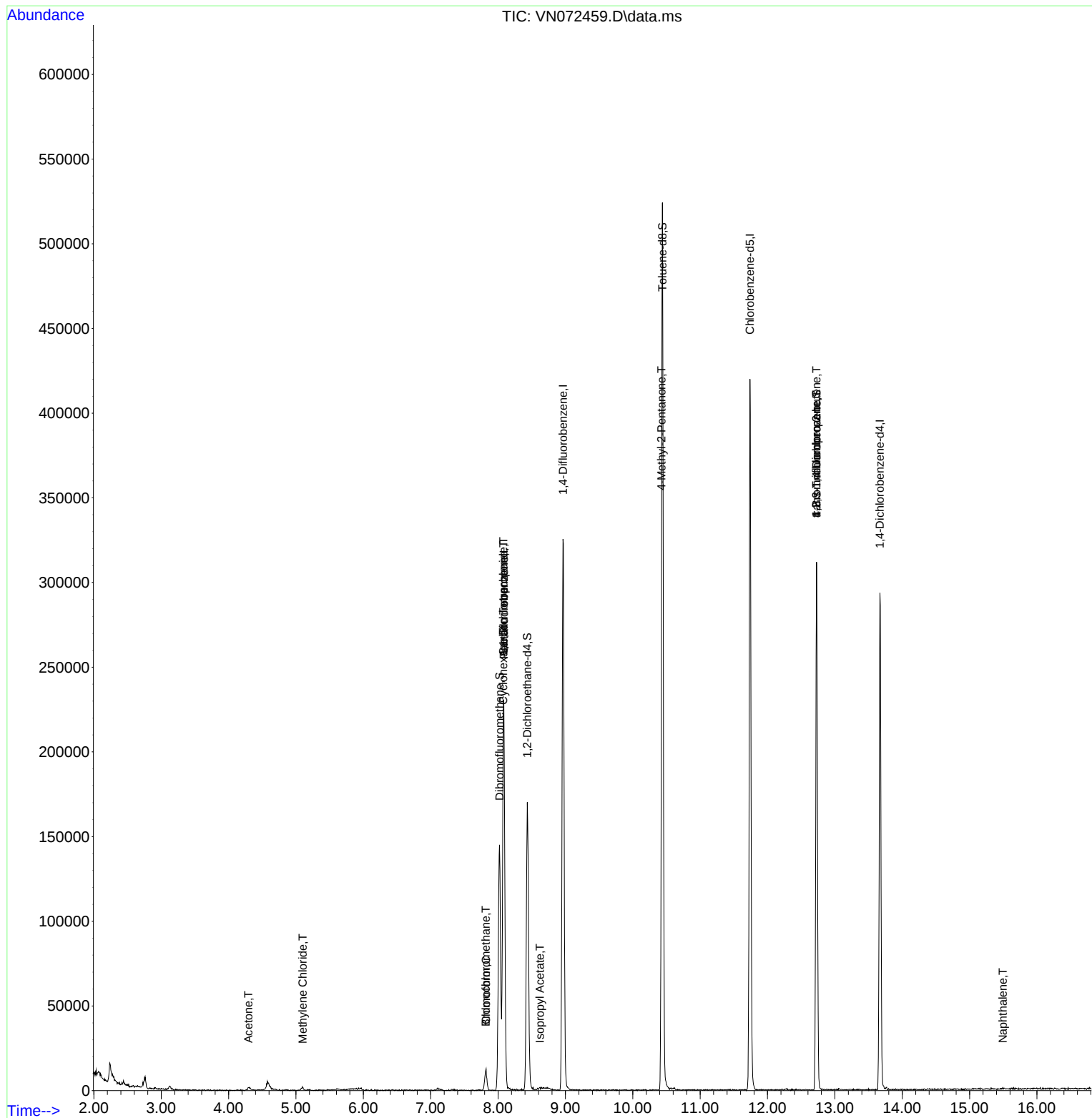
Internal Standards						
1) Pentafluorobenzene	8.087	168	166557	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	276620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	232459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	81573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	156030	61.162	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 122.320%		
35) Dibromofluoromethane	8.022	113	104451	56.756	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 113.520%		
50) Toluene-d8	10.439	98	352448	50.285	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.580%		
62) 4-Bromofluorobenzene	12.727	95	105375	45.270	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 90.540%		
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	503	Below Cal	#	43
6) Chloroethane	2.999	64	257	Below Cal	#	42
16) Acetone	4.293	43	3333	3.299	ug/l #	65
20) Methylene Chloride	5.098	84	844	0.407	ug/l #	87
28) Bromochloromethane	7.816	49	882	0.581	ug/l #	8
30) Chloroform	7.822	83	11972	3.289	ug/l	93
31) Cyclohexane	8.075	56	4224	1.250	ug/l #	46
36) 1,1-Dichloropropene	8.081	75	13755	5.204	ug/l #	51
38) Carbon Tetrachloride	8.081	117	18573	6.278	ug/l #	15
43) Isopropyl Acetate	8.622	43	1482	0.304	ug/l #	53
51) 4-Methyl-2-Pentanone	10.428	43	1544	0.510	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	58763	27.619	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	58763	92.140	ug/l #	10
95) Naphthalene	15.492	128	311	3.251	ug/l #	69

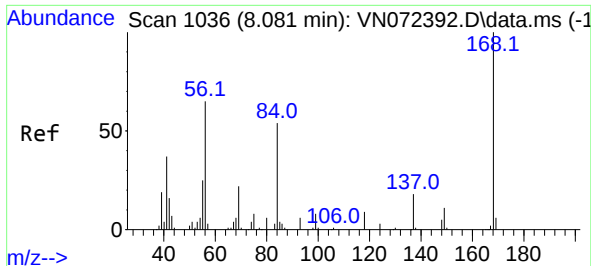
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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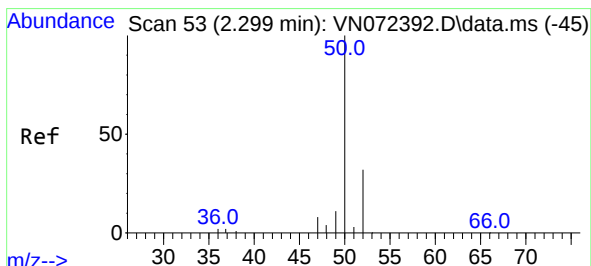
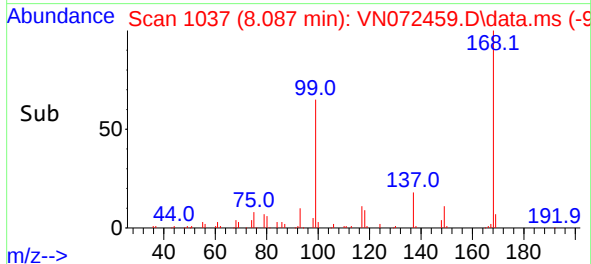
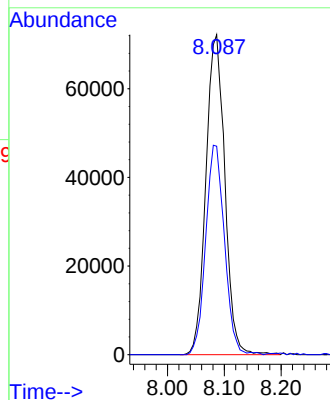
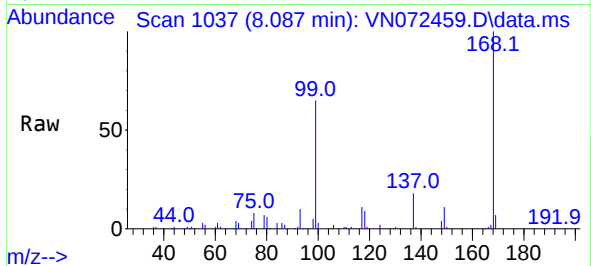




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

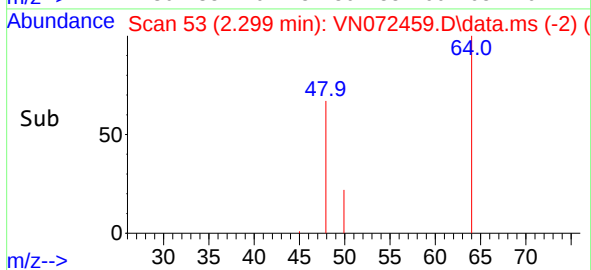
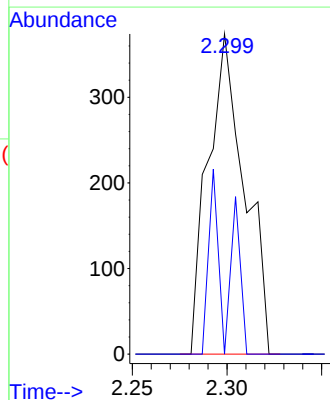
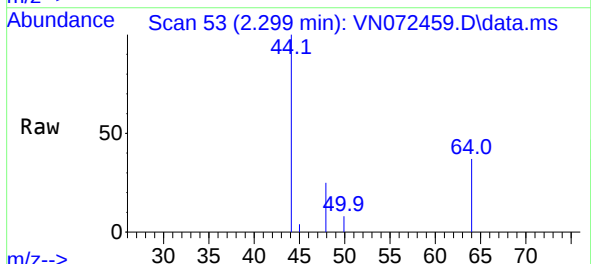
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

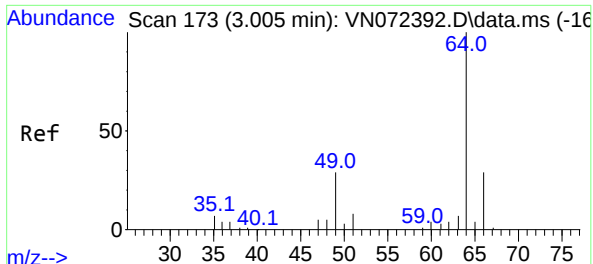
Tgt Ion:168 Resp: 166557
Ion Ratio Lower Upper
168 100
99 65.2 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

Tgt Ion: 50 Resp: 503
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

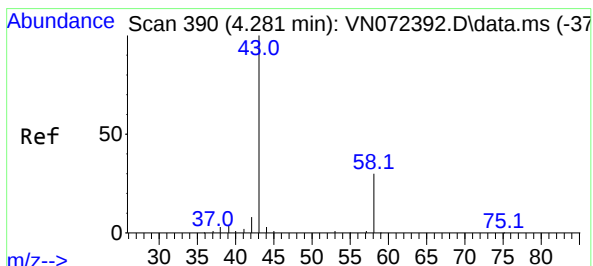
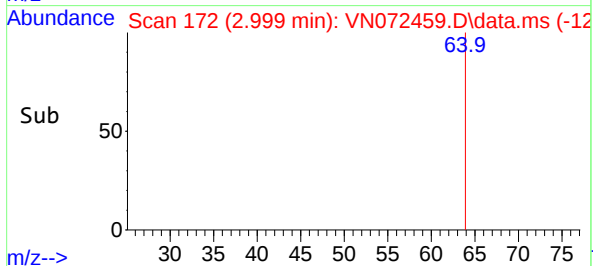
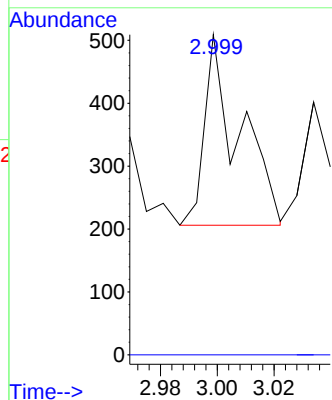
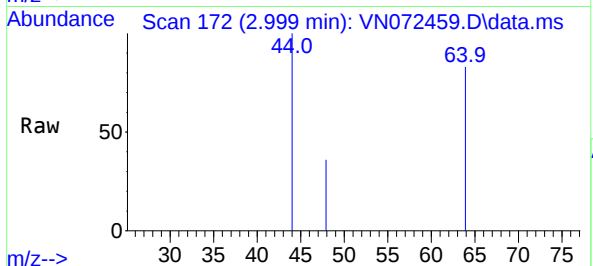




#6
Chloroethane
Concen: Below Cal
RT: 2.999 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

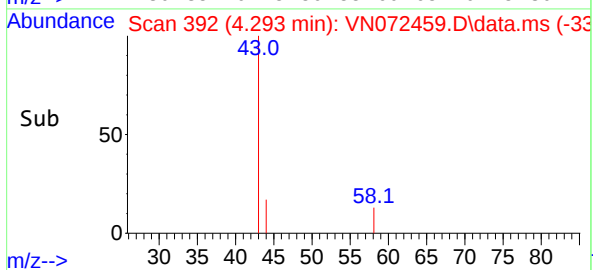
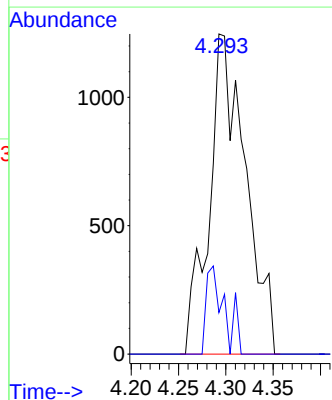
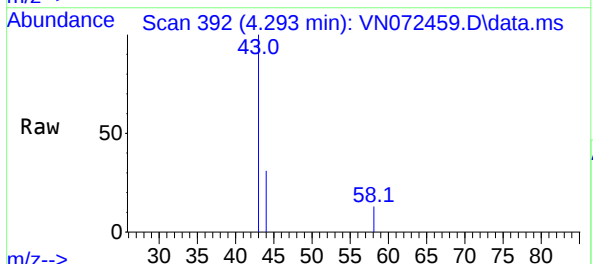
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

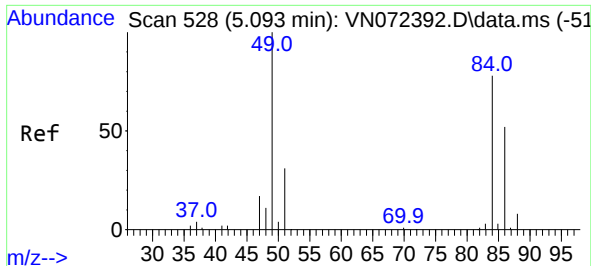
Tgt Ion: 64 Resp: 257
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 3.299 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

Tgt Ion: 43 Resp: 3333
Ion Ratio Lower Upper
43 100
58 13.0 26.0 39.0#

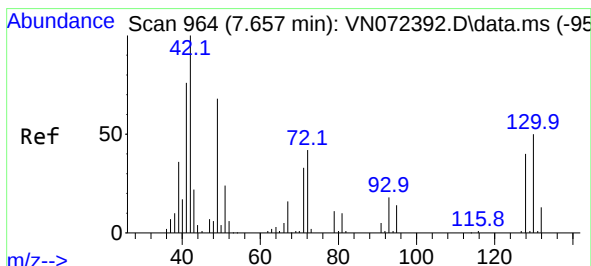
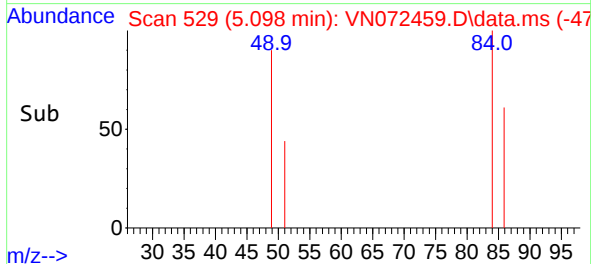
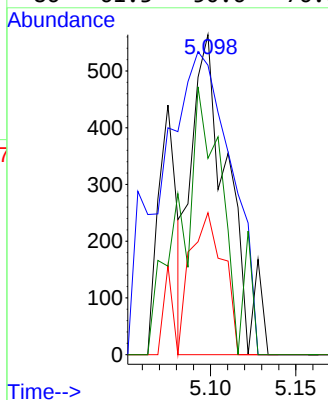
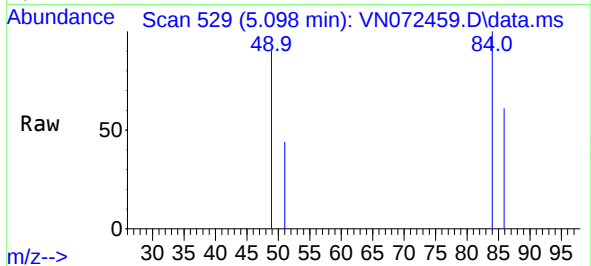




#20
Methylene Chloride
Concen: 0.407 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

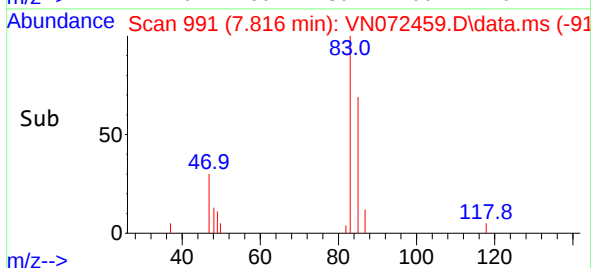
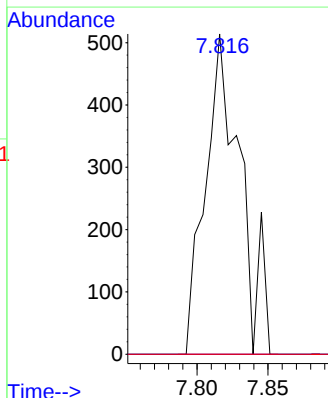
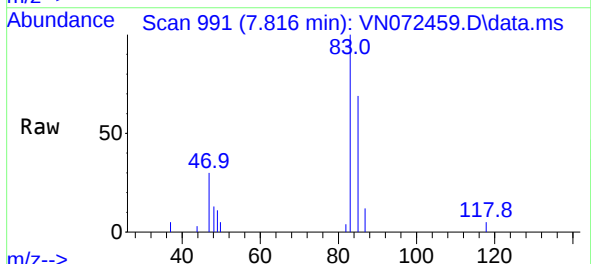
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

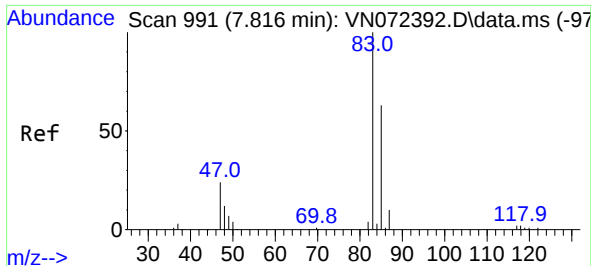
Tgt Ion:	84	Resp:	844
Ion	Ratio	Lower	Upper
84	100		
49	90.4	88.3	132.5
51	44.3	28.2	42.2#
86	61.3	50.6	76.0



#28
Bromochloromethane
Concen: 0.581 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.159 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

Tgt Ion:	49	Resp:	882
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	69.7	104.5#

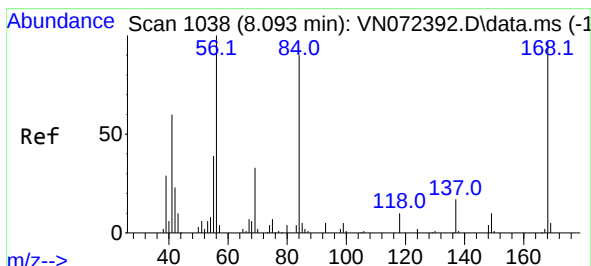
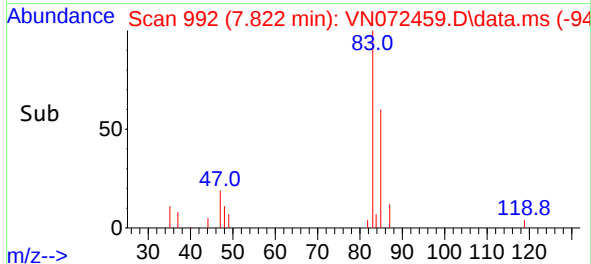
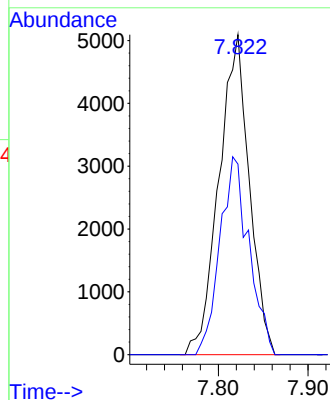
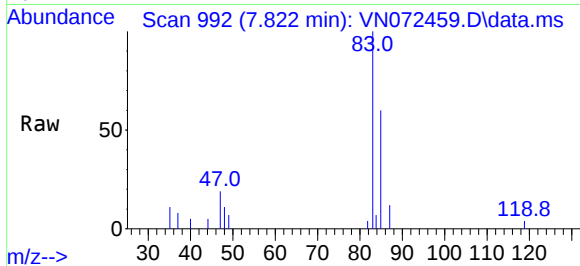




#30
Chloroform
Concen: 3.289 ug/l
RT: 7.822 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

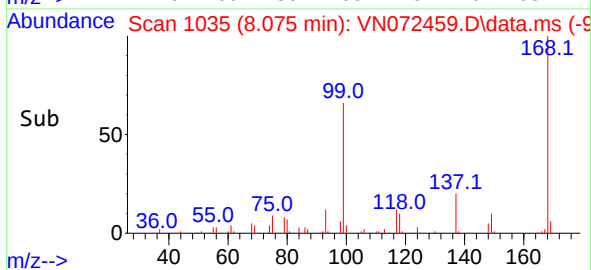
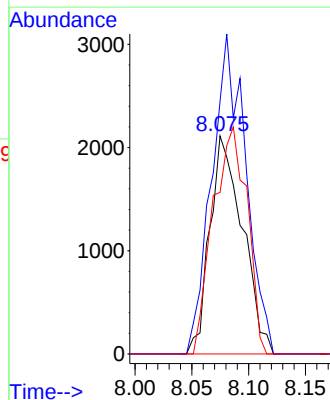
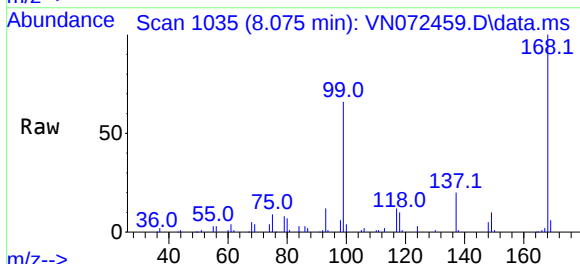
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

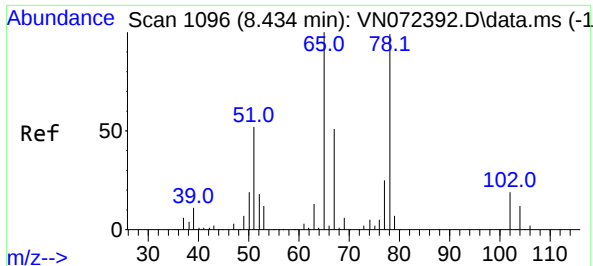
Tgt Ion: 83 Resp: 11972
Ion Ratio Lower Upper
83 100
85 59.6 51.8 77.8



#31
Cyclohexane
Concen: 1.250 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.018 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

Tgt Ion: 56 Resp: 4224
Ion Ratio Lower Upper
56 100
69 115.9 27.8 41.8#
84 74.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 61.162 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072459.D

Acq: 12 May 2022 17:44

Instrument :

MSVOA_N

ClientSampleId :

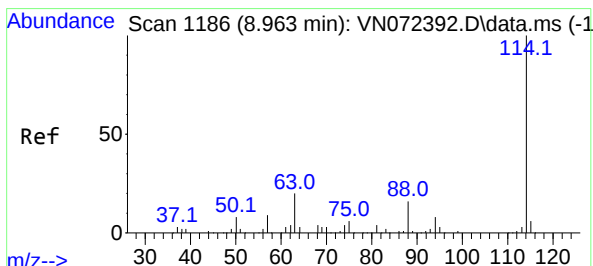
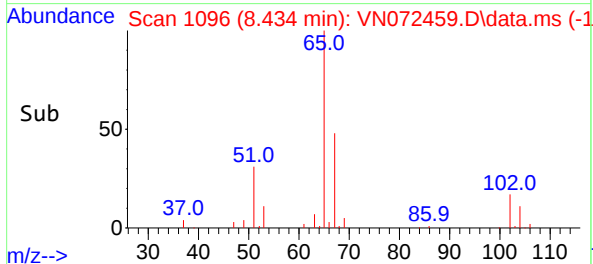
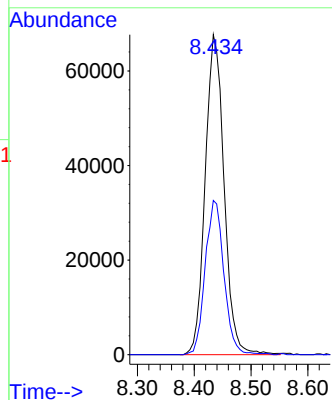
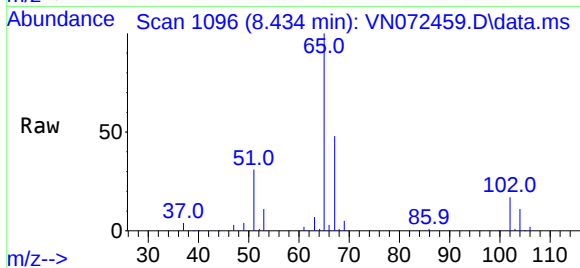
PZ-2A

Tgt Ion: 65 Resp: 156030

Ion Ratio Lower Upper

65 100

67 47.9 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: VN072459.D

Acq: 12 May 2022 17:44

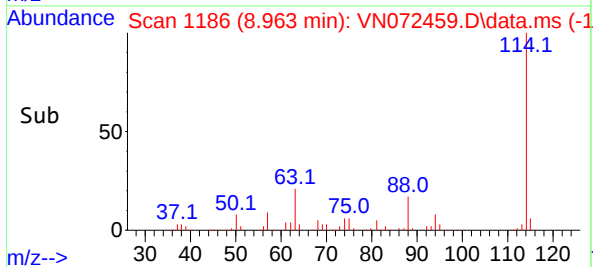
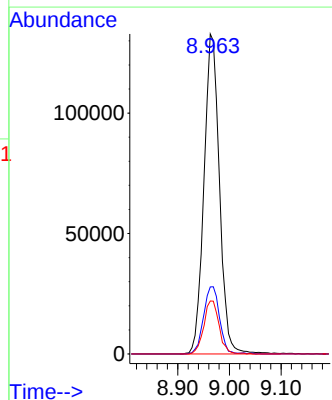
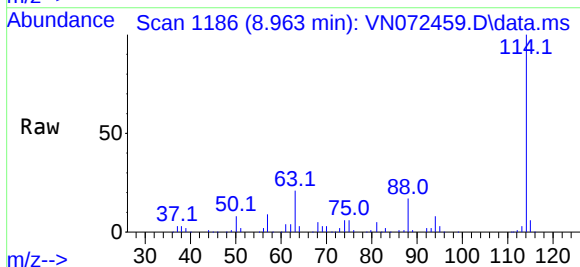
Tgt Ion: 114 Resp: 276620

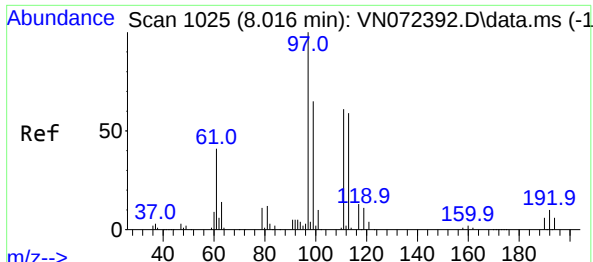
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 16.6 0.0 32.6

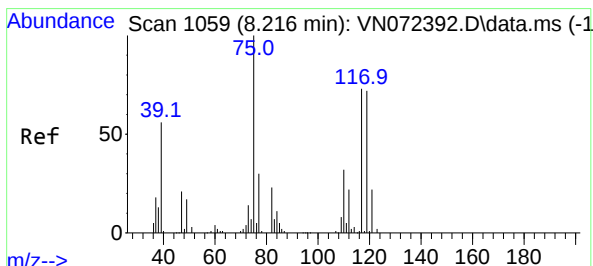
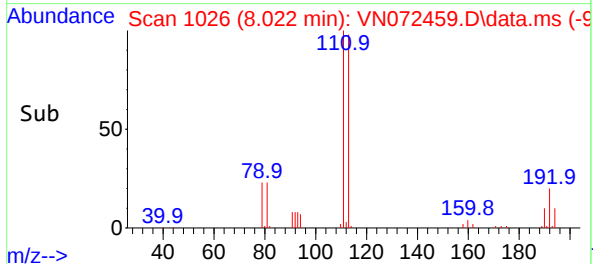
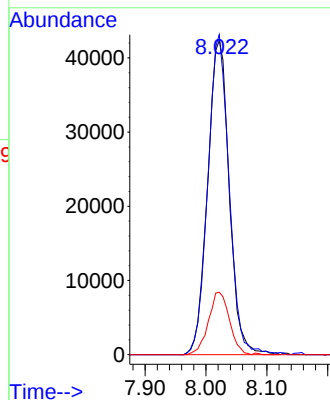
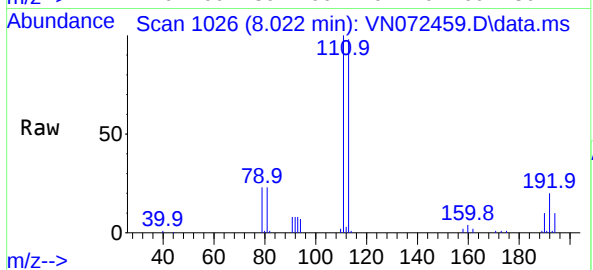




#35
Dibromofluoromethane
Concen: 56.756 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

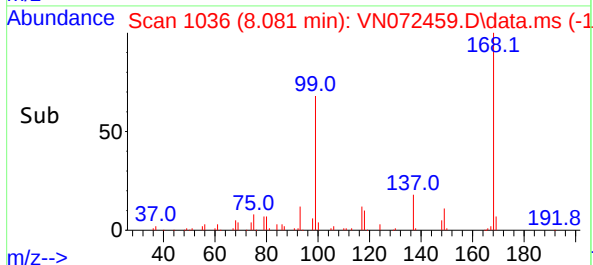
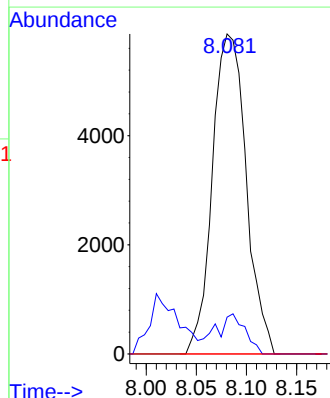
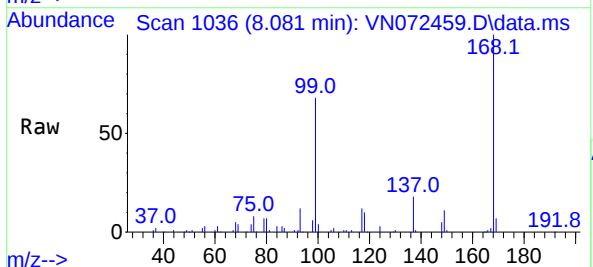
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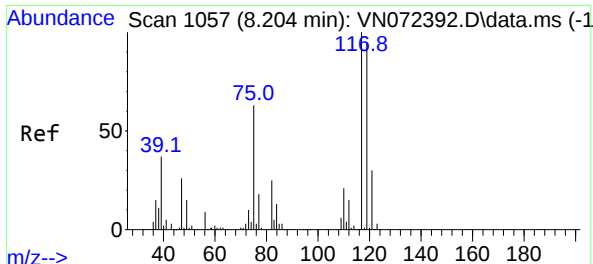
Tgt Ion:113 Resp: 104451
Ion Ratio Lower Upper
113 100
111 100.4 81.4 122.0
192 19.3 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.204 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

Tgt Ion: 75 Resp: 13755
Ion Ratio Lower Upper
75 100
110 11.2 18.3 54.8#
77 0.0 25.1 37.7#

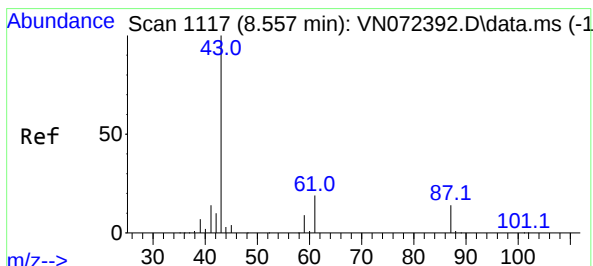
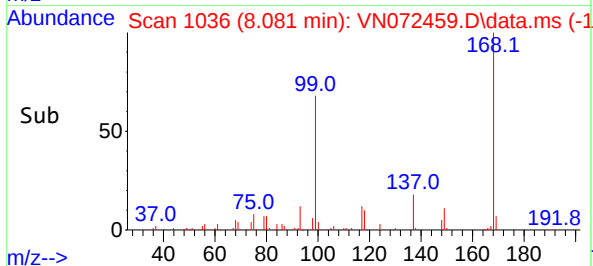
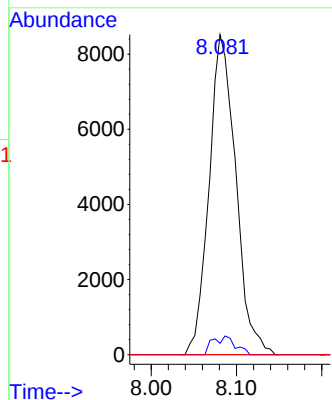
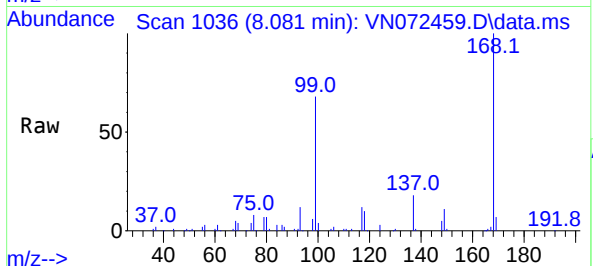




#38
Carbon Tetrachloride
Concen: 6.278 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

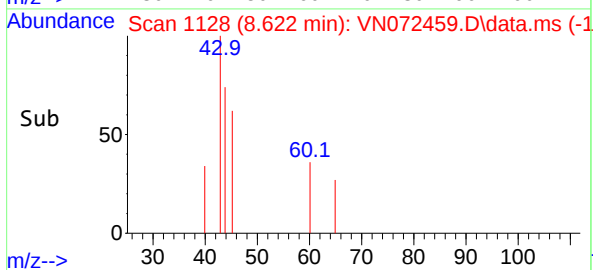
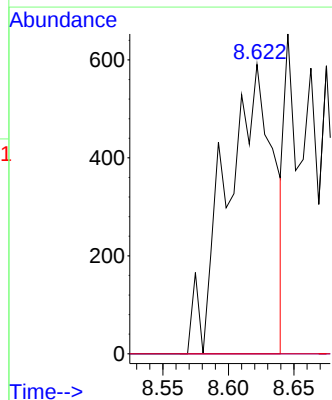
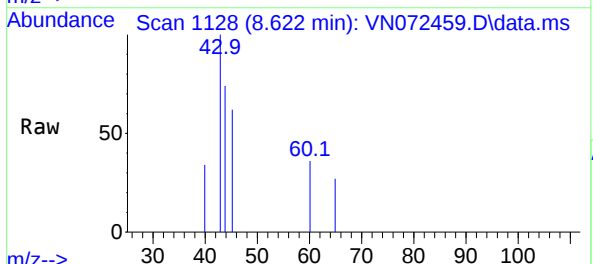
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

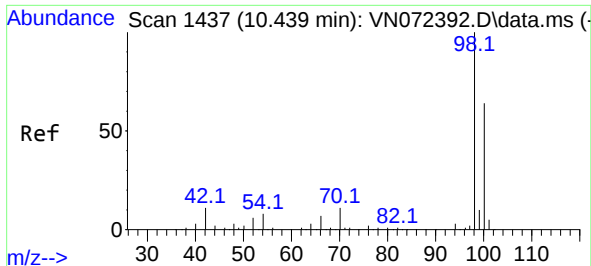
Tgt Ion:117 Resp: 18573
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.304 ug/l
RT: 8.622 min Scan# 1128
Delta R.T. 0.065 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

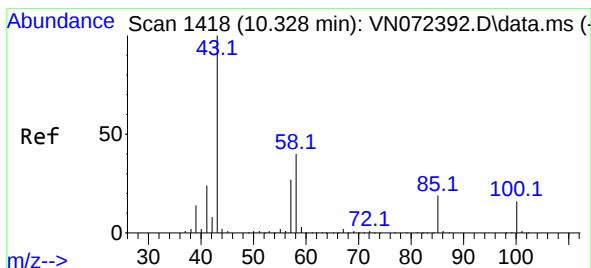
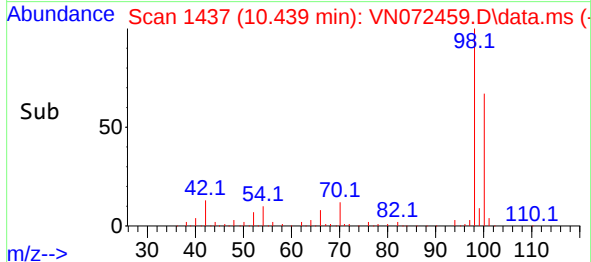
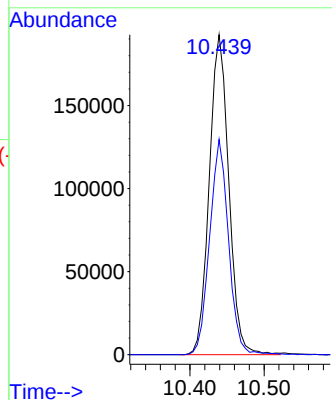
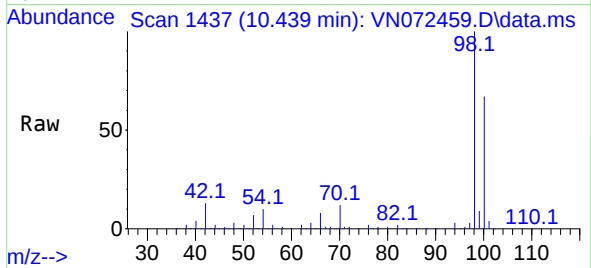




#50
Toluene-d8
Concen: 50.285 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

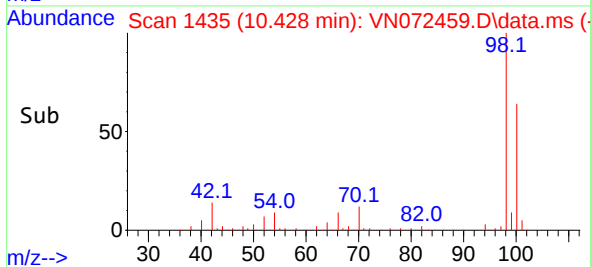
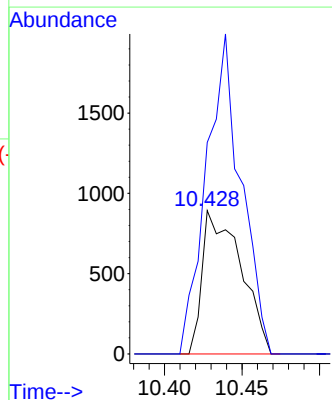
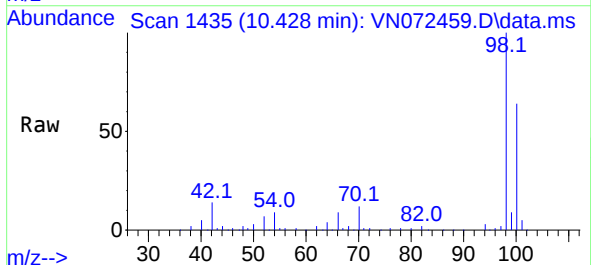
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

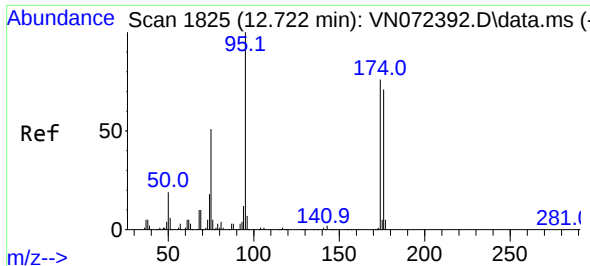
Tgt Ion: 98 Resp: 352448
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.510 ug/l
RT: 10.428 min Scan# 1435
Delta R.T. 0.100 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
58 201.6 34.1 51.1#

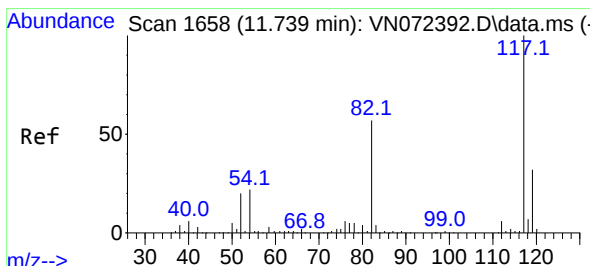
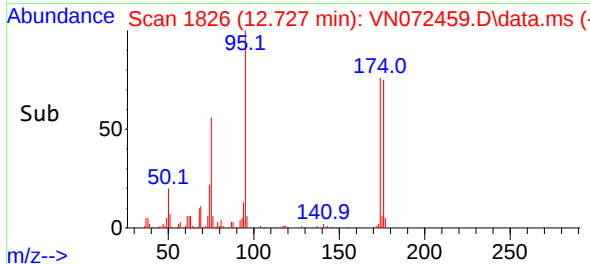
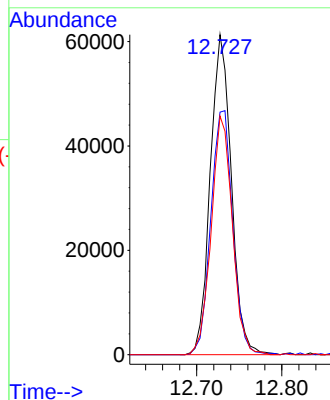
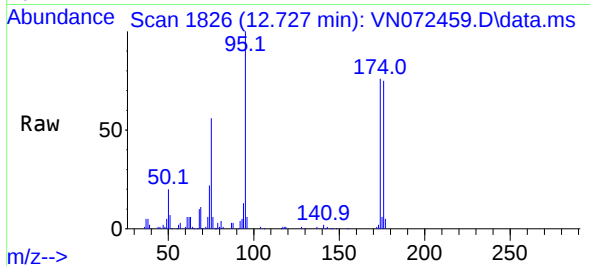




#62
4-Bromofluorobenzene
Concen: 45.270 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

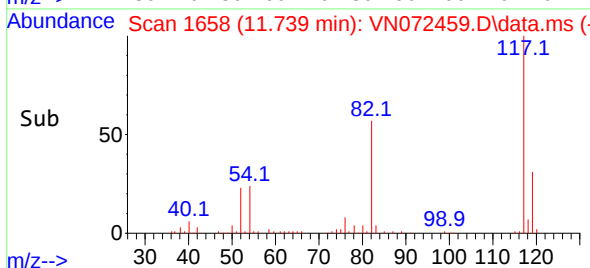
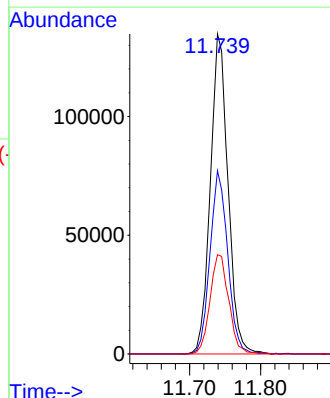
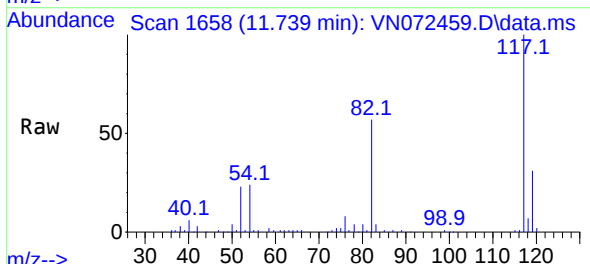
Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

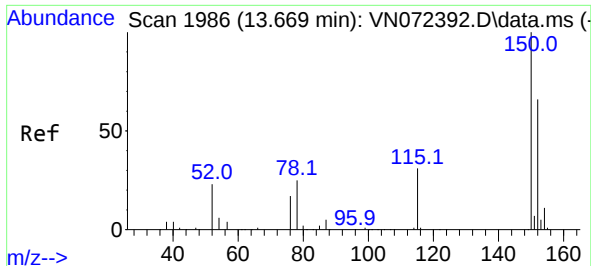
Tgt Ion: 95 Resp: 105375
Ion Ratio Lower Upper
95 100
174 79.4 0.0 167.6
176 74.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

Tgt Ion: 117 Resp: 232459
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 31.0 25.4 38.0

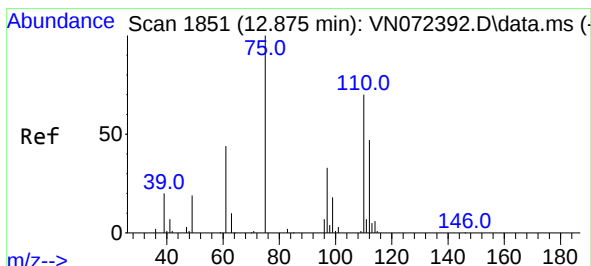
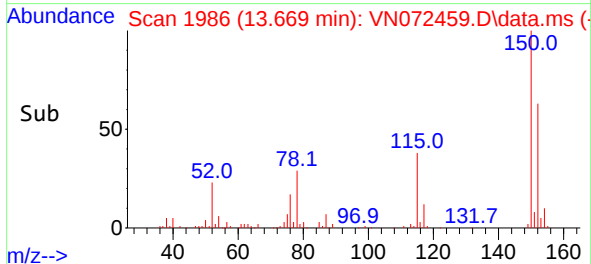
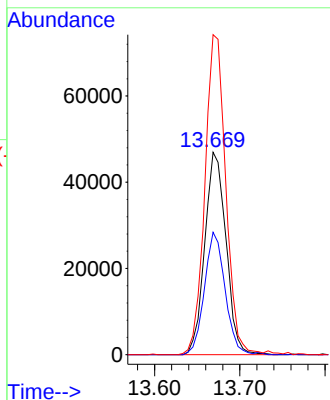
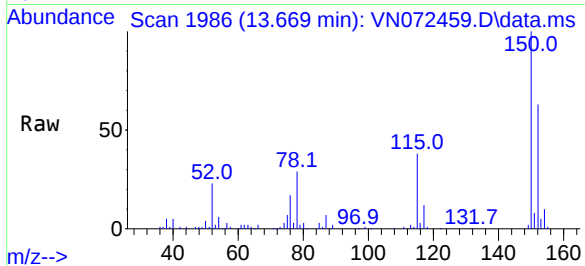




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN072459.D
 Acq: 12 May 2022 17:44

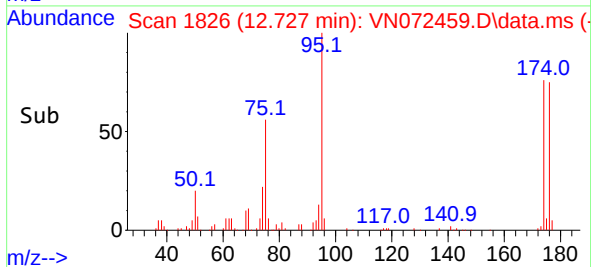
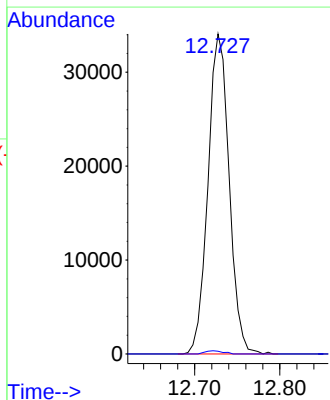
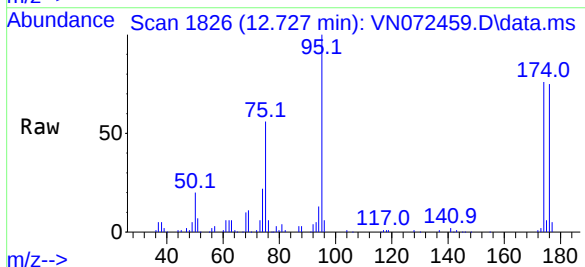
Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-2A

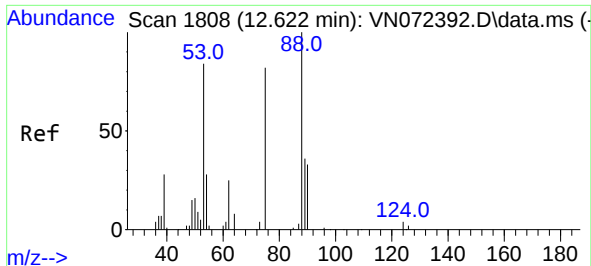
Tgt Ion:152 Resp: 81573
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.9 86.7
 150 155.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 27.619 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.148 min
 Lab File: VN072459.D
 Acq: 12 May 2022 17:44

Tgt Ion: 75 Resp: 58763
 Ion Ratio Lower Upper
 75 100
 77 0.8 98.5 295.5#

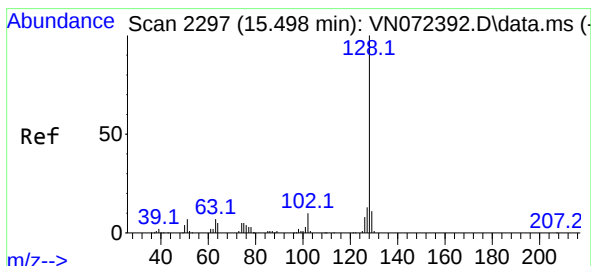
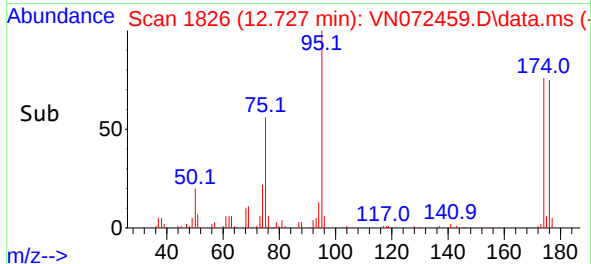
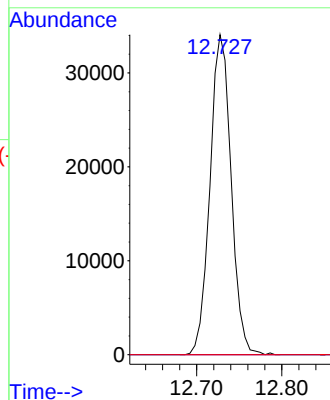
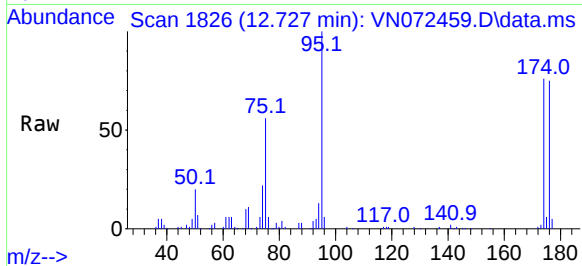




#81
trans-1,4-Dichloro-2-butene
Concen: 92.140 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

Instrument :
MSVOA_N
ClientSampleId :
PZ-2A

Tgt Ion: 75 Resp: 58763
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.251 ug/l
RT: 15.492 min Scan# 2296
Delta R.T. -0.006 min
Lab File: VN072459.D
Acq: 12 May 2022 17:44

Tgt Ion:128 Resp: 311
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

