

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071475.D
 Acq On : 22 Mar 2022 18:33
 Operator : JC\MD
 Sample : N2031-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Mar 23 07:10:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

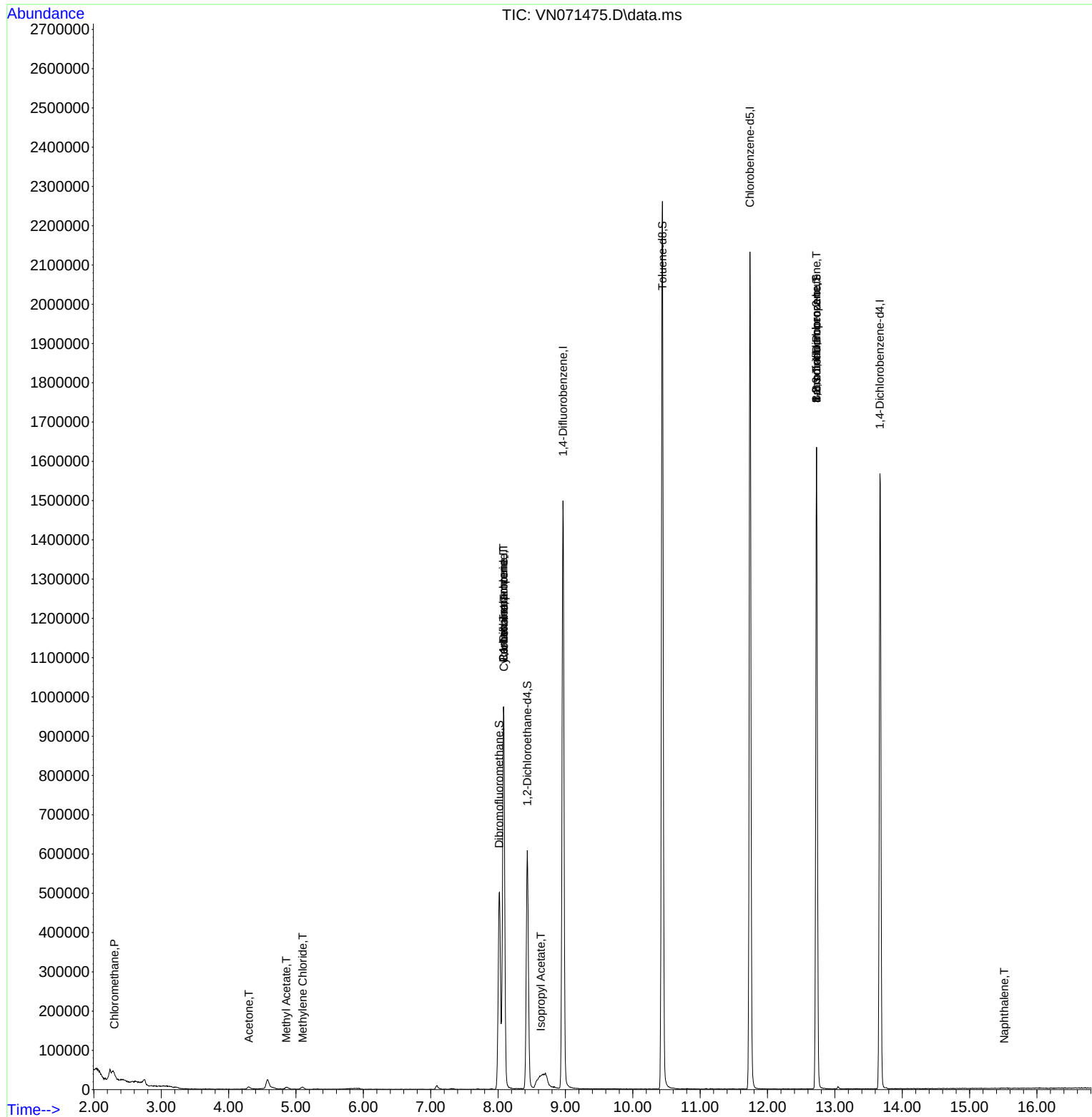
Internal Standards						
1) Pentafluorobenzene	8.081	168	746585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1281017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1209798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	429714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	498838	48.752	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.500%		
35) Dibromofluoromethane	8.016	113	374640	46.345	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.700%		
50) Toluene-d8	10.439	98	1570442	48.251	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.500%		
62) 4-Bromofluorobenzene	12.727	95	569556	51.678	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.360%		
Target Compounds			Qvalue			
3) Chloromethane	2.305	50	3931	0.323	ug/l	90
5) Bromomethane	2.863	94	492	Below Cal	#	67
16) Acetone	4.298	43	9052	1.818	ug/l	99
18) Methyl Acetate	4.857	43	11475	1.320	ug/l	94
20) Methylene Chloride	5.098	84	4225	0.843	ug/l #	81
31) Cyclohexane	8.086	56	16557	1.013	ug/l #	21
36) 1,1-Dichloropropene	8.081	75	59315	4.580	ug/l #	49
38) Carbon Tetrachloride	8.081	117	73899	5.899	ug/l #	16
43) Isopropyl Acetate	8.633	43	49410	1.854	ug/l #	57
71) Bromoform	12.727	173	3541	0.489	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.721	83	274	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	292771	26.802	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	292771	73.650	ug/l #	5
95) Naphthalene	15.515	128	534	5.092	ug/l #	69

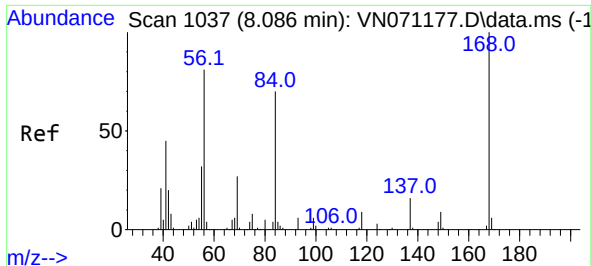
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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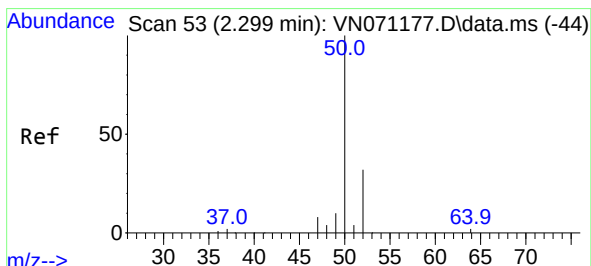
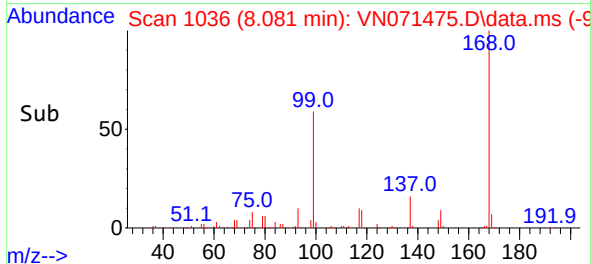
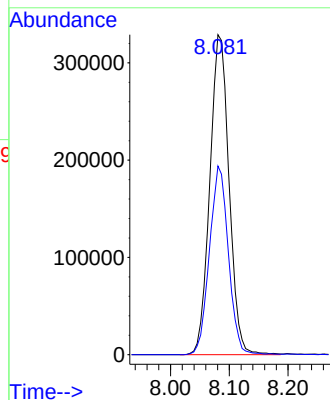
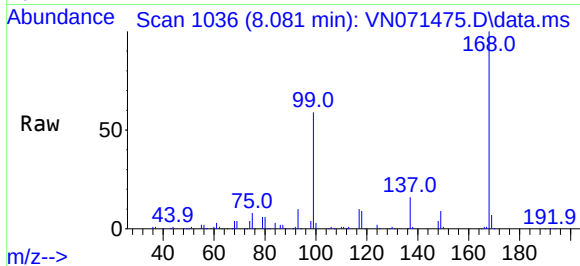




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

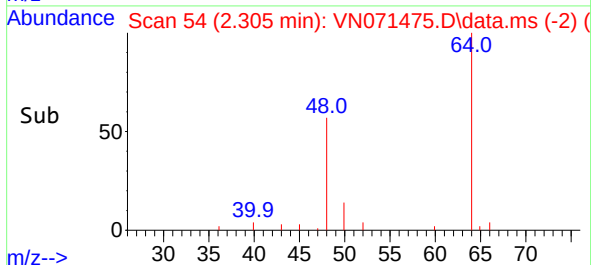
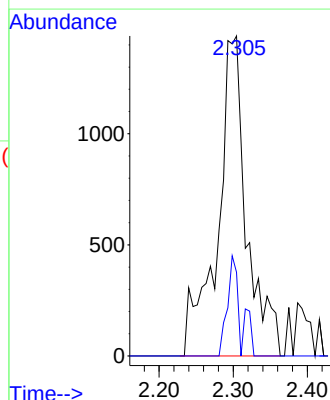
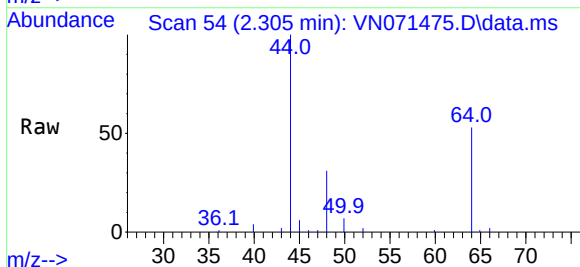
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MSVOA_N
ClientSampleId :
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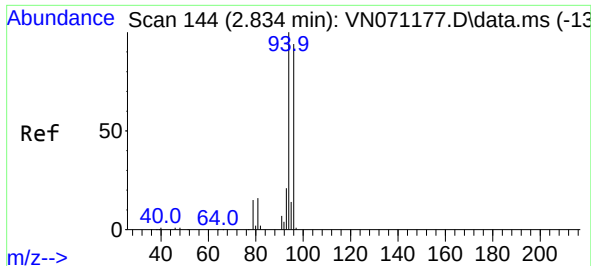
Tgt Ion:168 Resp: 746585
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#3
Chloromethane
Concen: 0.323 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

Tgt Ion: 50 Resp: 3931
Ion Ratio Lower Upper
50 100
52 26.2 25.4 38.0

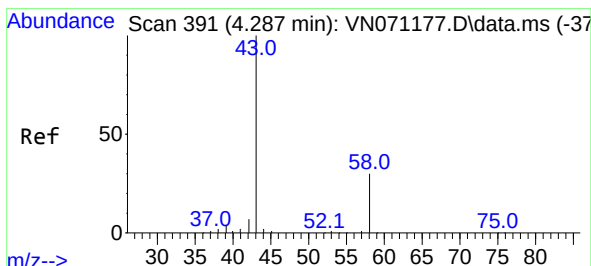
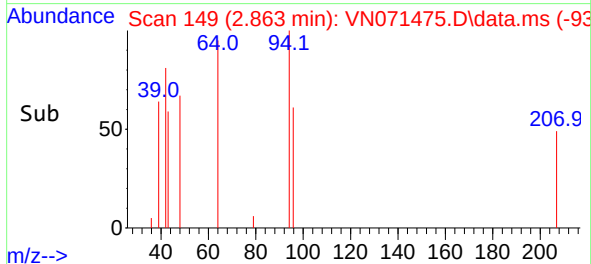
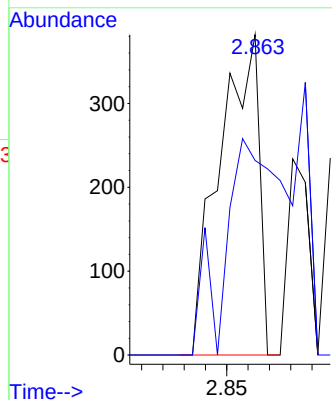
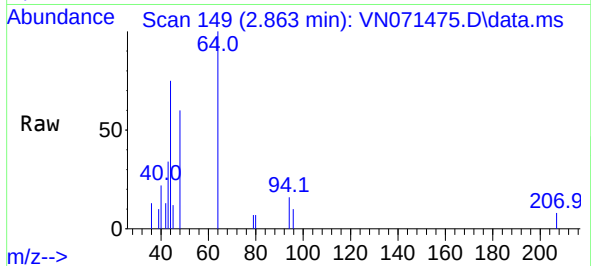




#5
Bromomethane
Concen: Below Cal
RT: 2.863 min Scan# 144
Delta R.T. 0.029 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

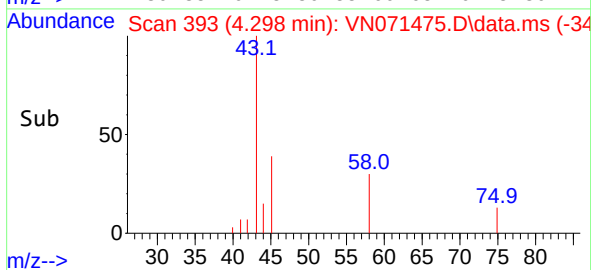
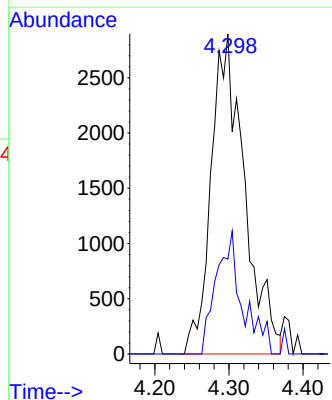
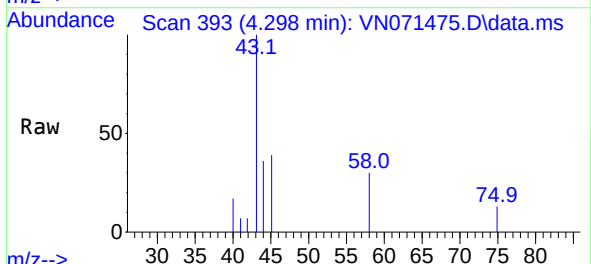
Instrument :
MSVOA_N
ClientSampleId :
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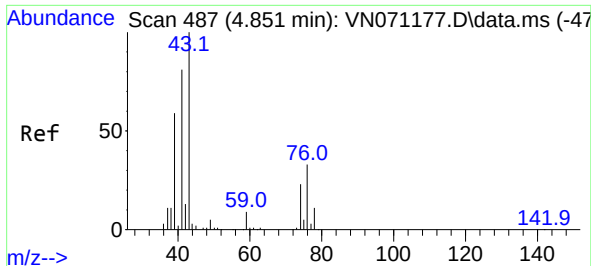
Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 60.7 73.8 110.8#



#16
Acetone
Concen: 1.818 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.012 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

Tgt Ion: 43 Resp: 9052
Ion Ratio Lower Upper
43 100
58 29.7 23.1 34.7

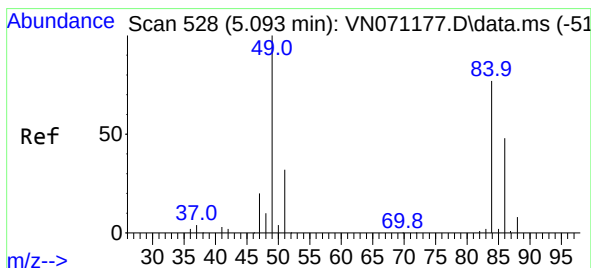
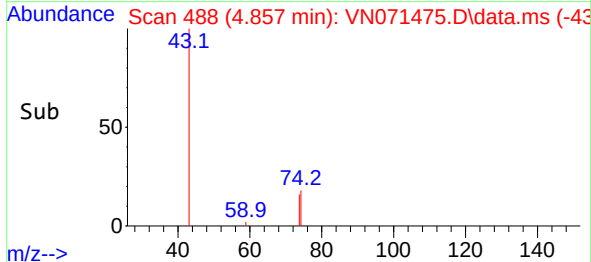
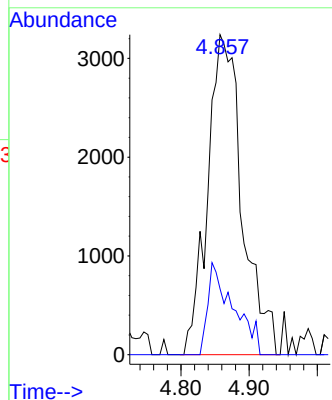
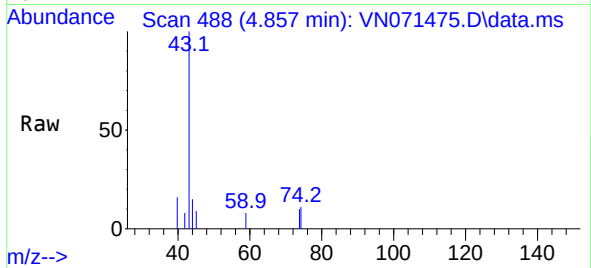




#18
Methyl Acetate
Concen: 1.320 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

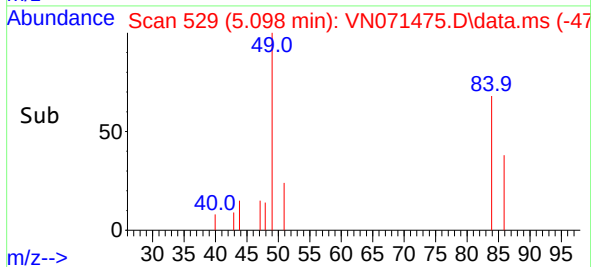
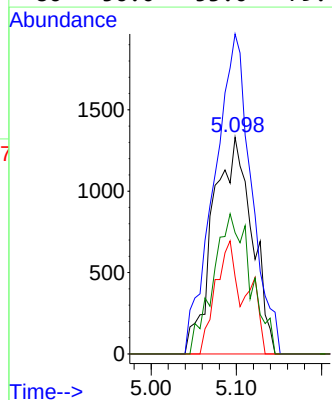
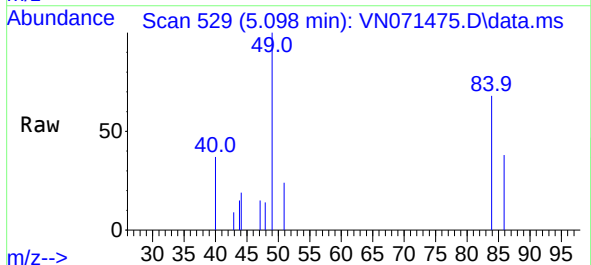
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MSVOA_N
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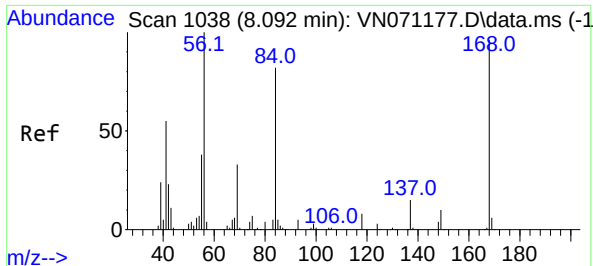
Tgt Ion: 43 Resp: 11475
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2



#20
Methylene Chloride
Concen: 0.843 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

Tgt Ion: 84 Resp: 4225
Ion Ratio Lower Upper
84 100
49 147.7 93.5 140.3#
51 35.7 29.4 44.2
86 56.0 53.0 79.4

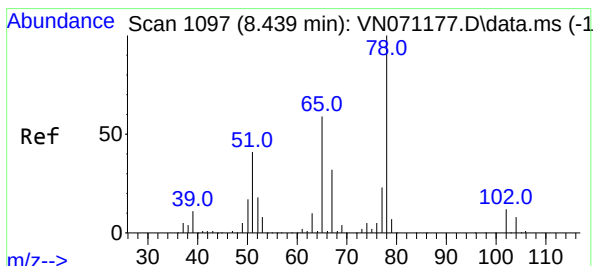
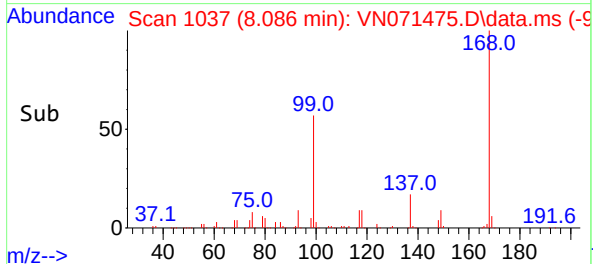
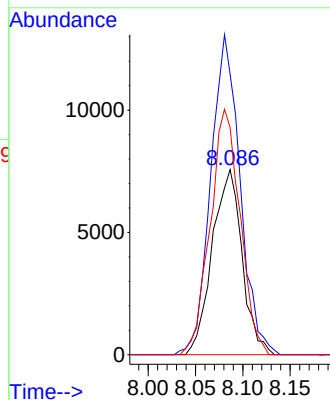
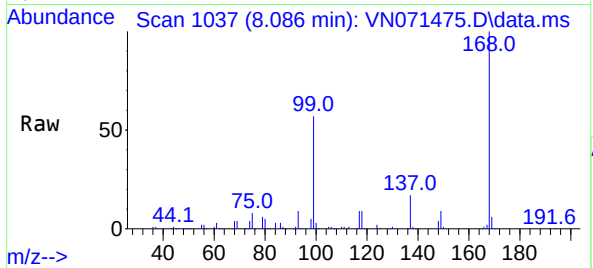




#31
Cyclohexane
Concen: 1.013 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

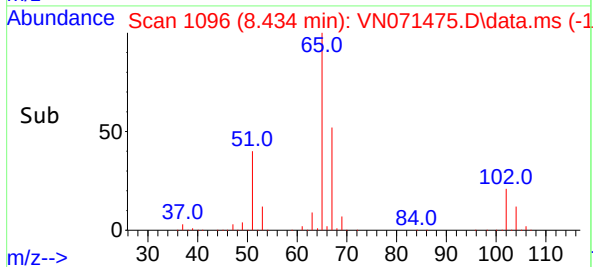
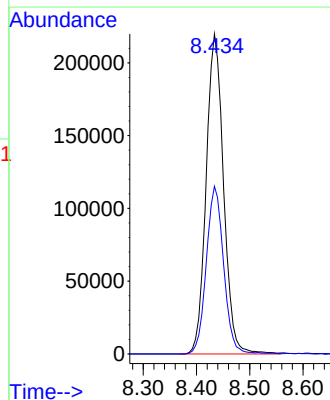
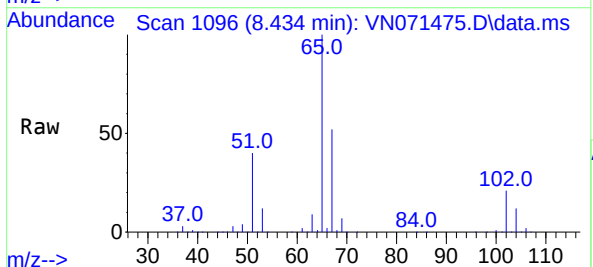
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MSVOA_N
ClientSampleId :
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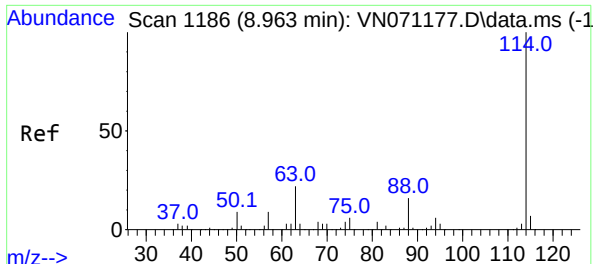
Tgt Ion: 56 Resp: 16557
Ion Ratio Lower Upper
56 100
69 151.5 27.1 40.7#
84 122.7 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 48.752 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

Tgt Ion: 65 Resp: 498838
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

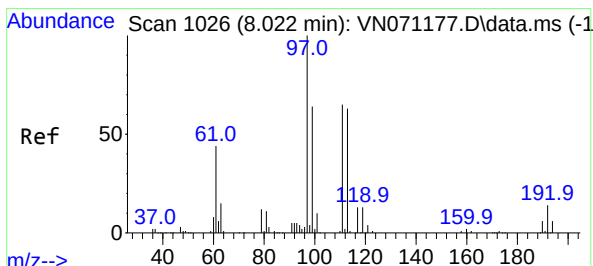
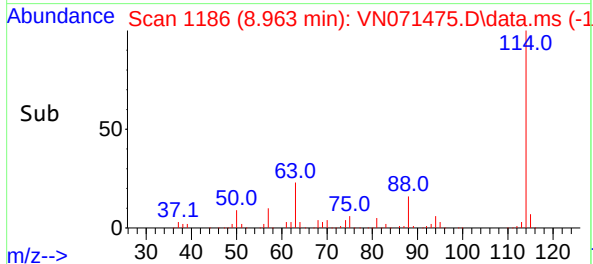
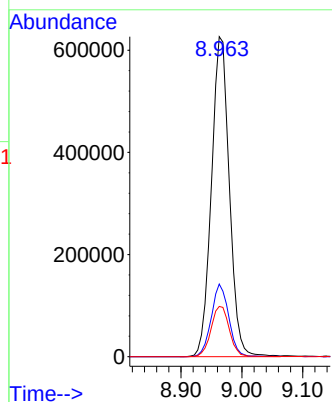
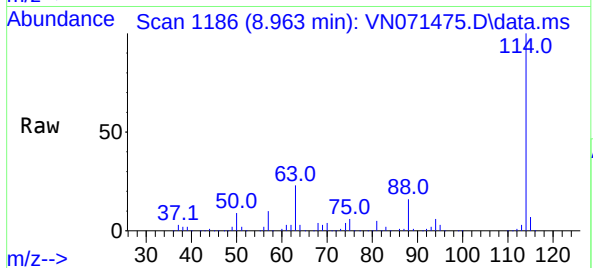




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

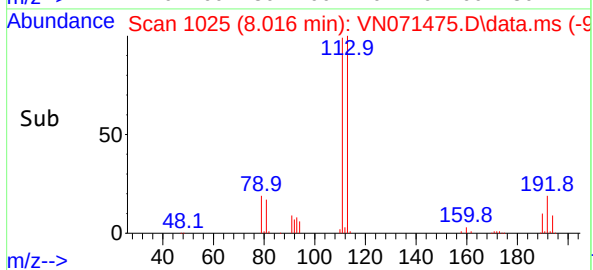
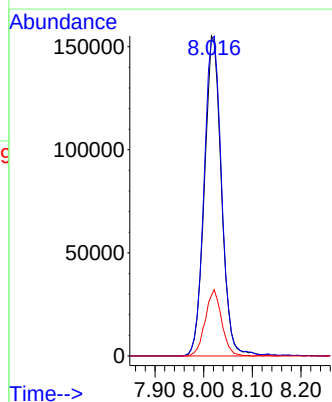
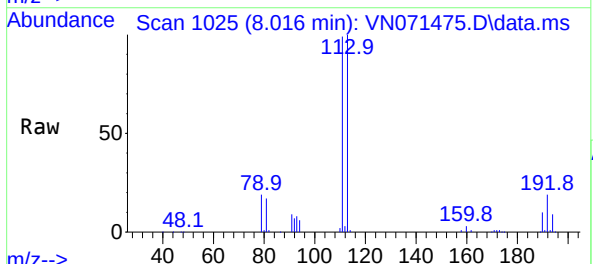
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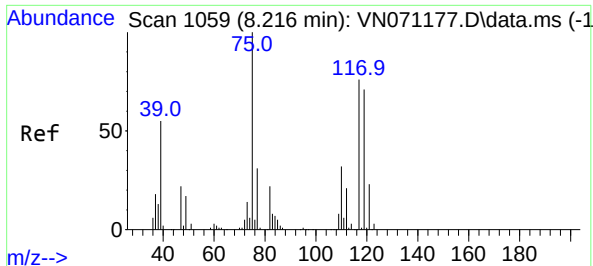
Tgt Ion:114 Resp: 1281017
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 15.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.345 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

Tgt Ion:113 Resp: 374640
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.580 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071475.D

Acq: 22 Mar 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

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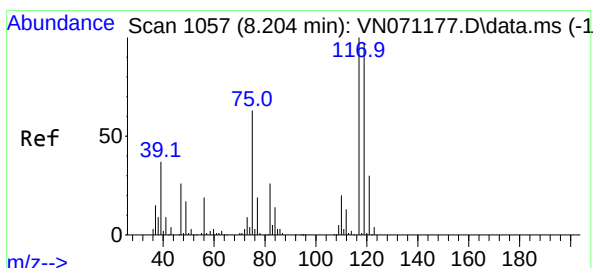
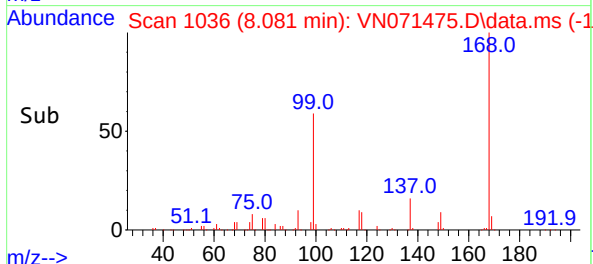
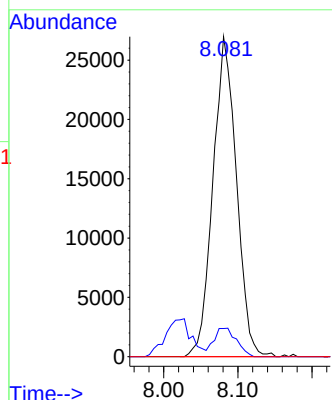
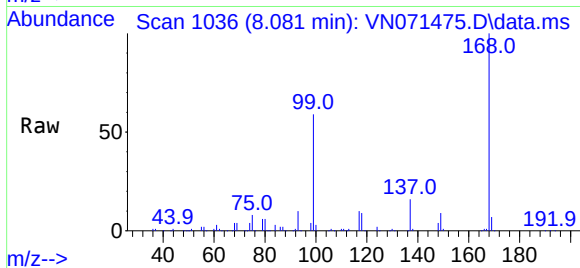
Tgt Ion: 75 Resp: 59315

Ion Ratio Lower Upper

75 100

110 8.5 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.899 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071475.D

Acq: 22 Mar 2022 18:33

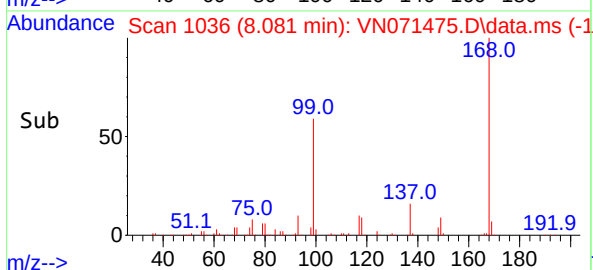
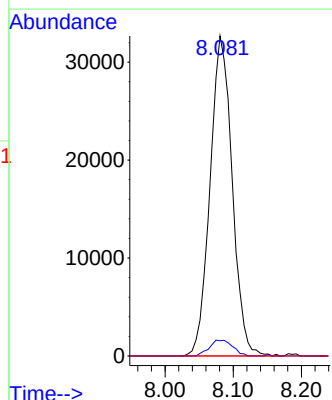
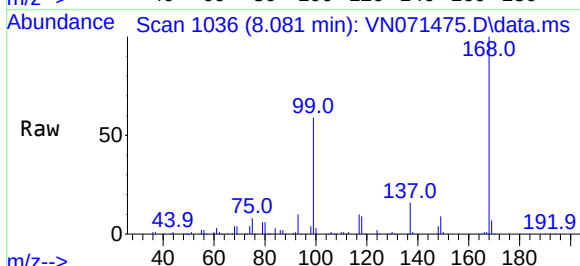
Tgt Ion: 117 Resp: 73899

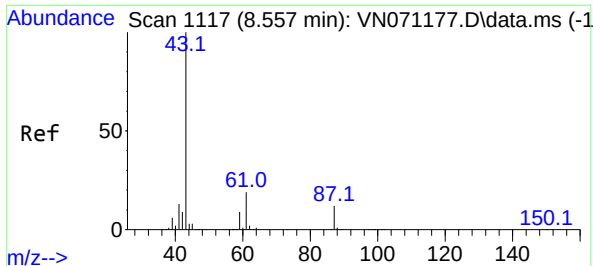
Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

121 0.0 24.2 36.2#

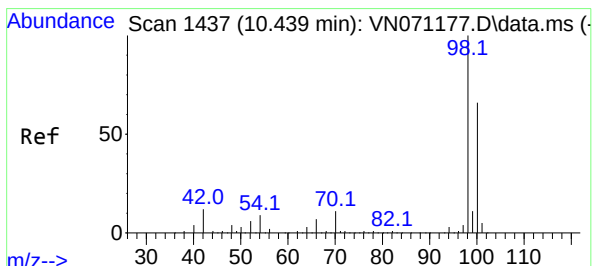
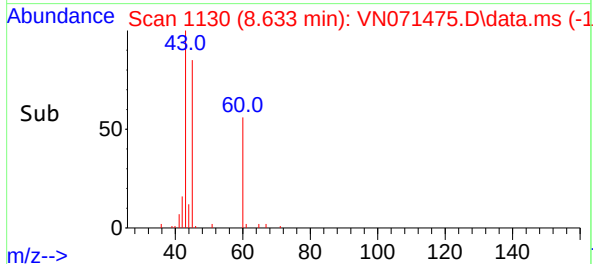
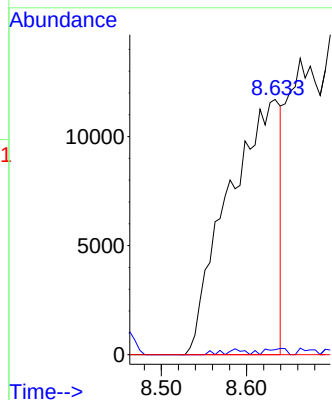
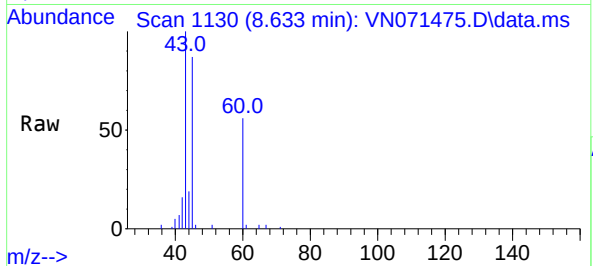




#43
Isopropyl Acetate
Concen: 1.854 ug/l
RT: 8.633 min Scan# 1117
Delta R.T. 0.076 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

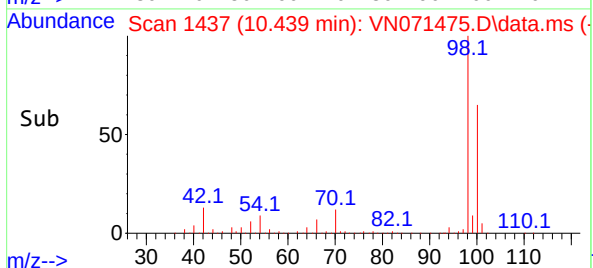
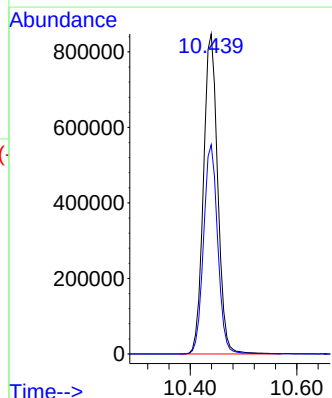
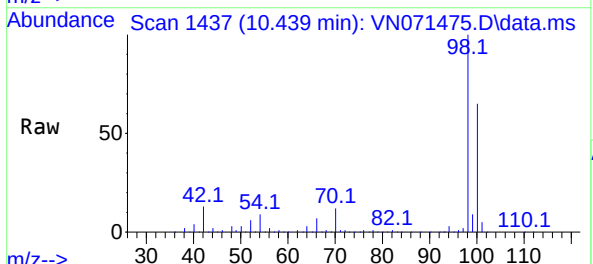
Instrument :
MSVOA_N
ClientSampleId :
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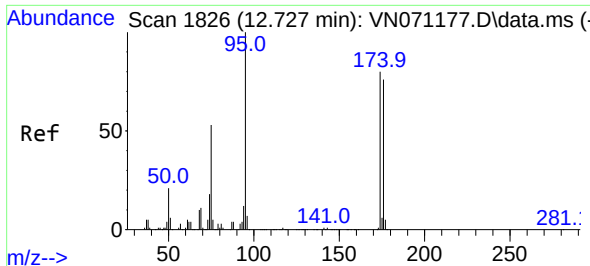
Tgt Ion: 43 Resp: 49410
Ion Ratio Lower Upper
43 100
61 1.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 48.251 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

Tgt Ion: 98 Resp: 1570442
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6

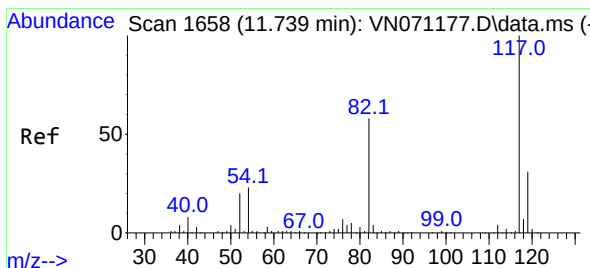
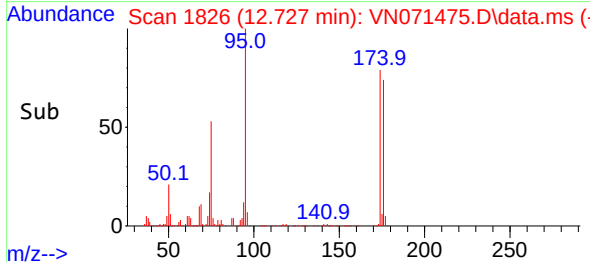
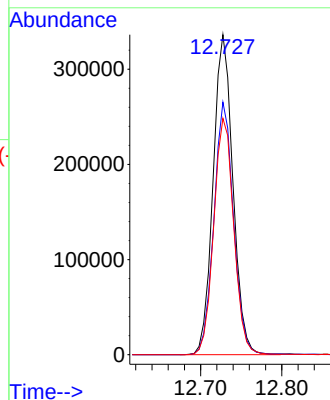
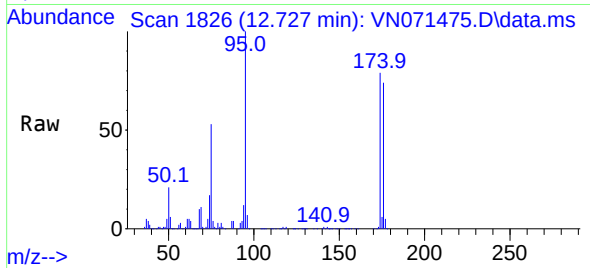




#62
4-Bromofluorobenzene
Concen: 51.678 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

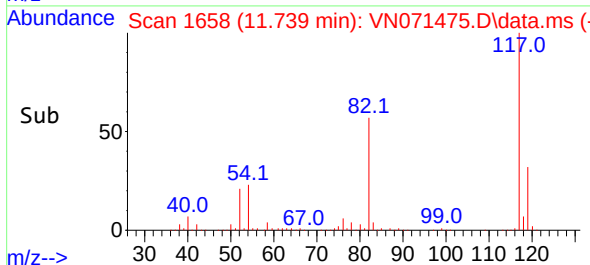
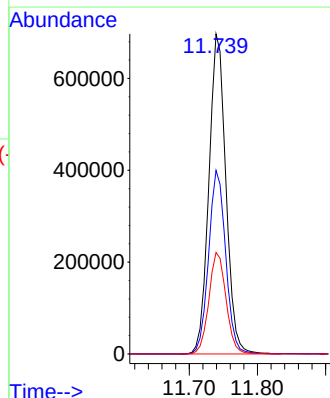
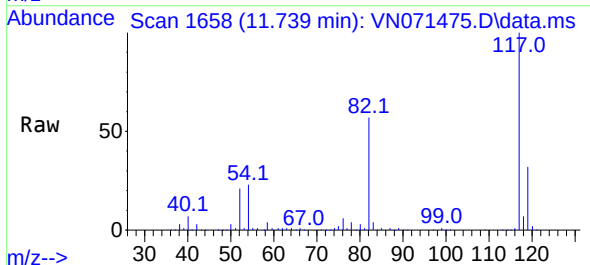
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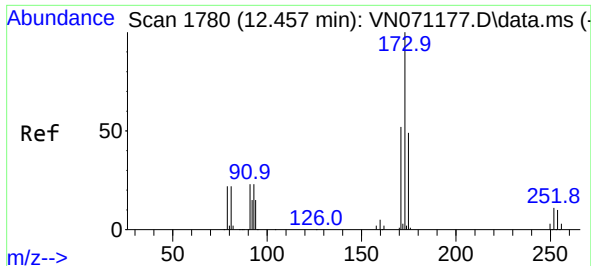
Tgt Ion: 95 Resp: 569556
Ion Ratio Lower Upper
95 100
174 78.6 0.0 187.2
176 74.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

Tgt Ion: 117 Resp: 1209798
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 31.7 25.4 38.2

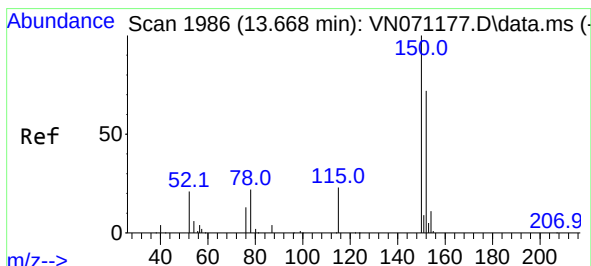
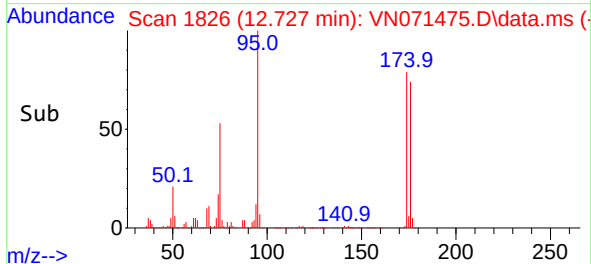
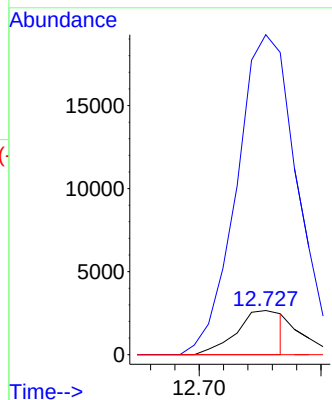
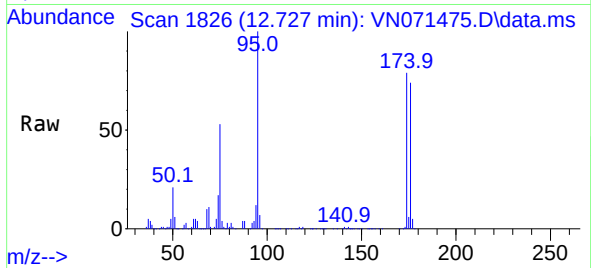




#71
Bromoform
Concen: 0.489 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

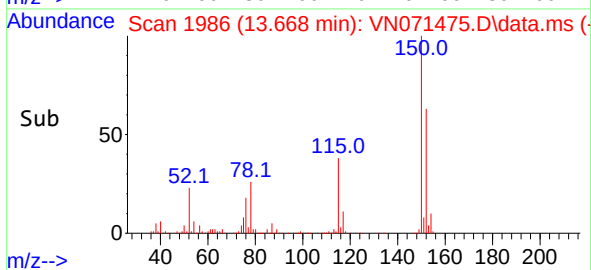
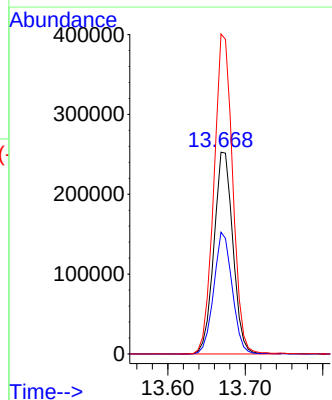
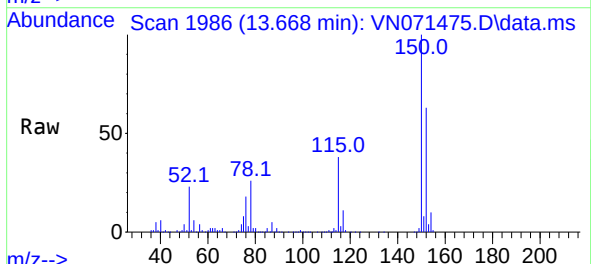
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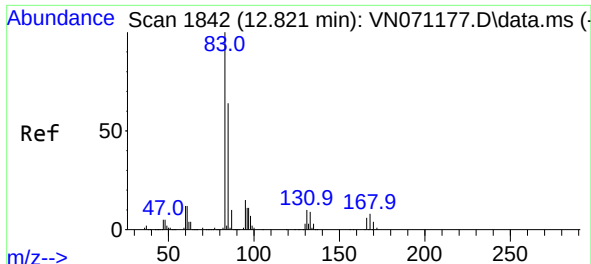
Tgt Ion:173 Resp: 3541
Ion Ratio Lower Upper
173 100
175 727.3 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

Tgt Ion:152 Resp: 429714
Ion Ratio Lower Upper
152 100
115 58.6 27.5 82.5
150 156.7 0.0 344.4

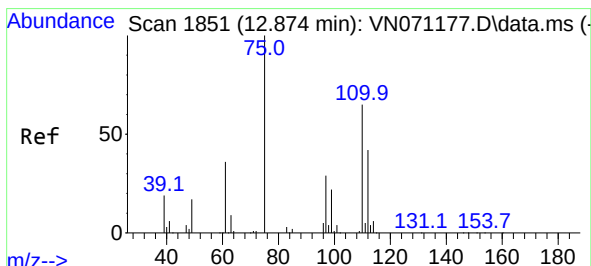
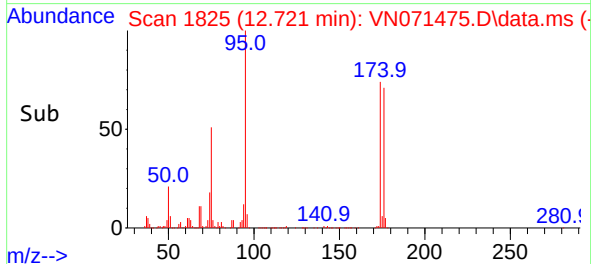
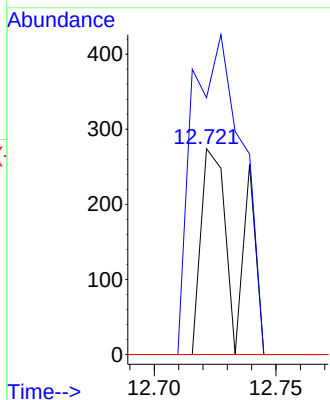
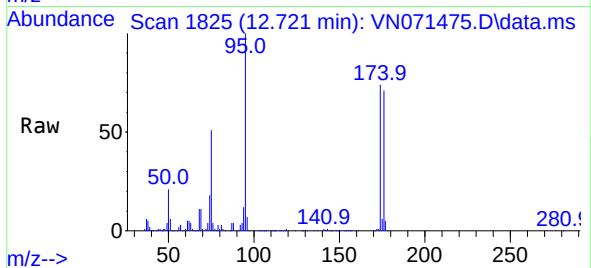




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.721 min Scan# 1842
Delta R.T. -0.100 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

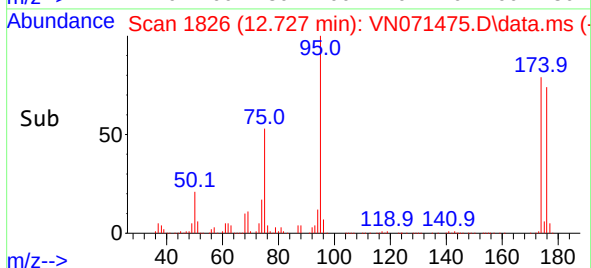
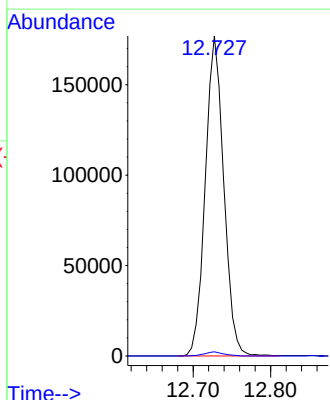
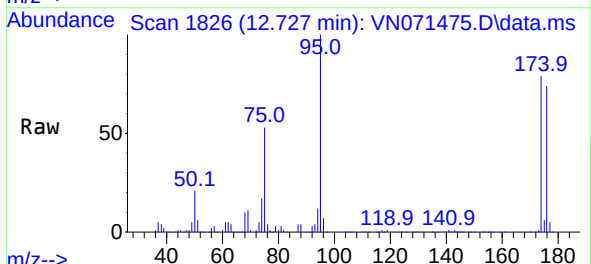
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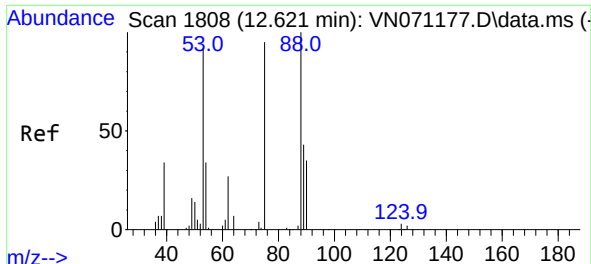
Tgt Ion: 83 Resp: 274
Ion Ratio Lower Upper
83 100
131 220.4 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 26.802 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

Tgt Ion: 75 Resp: 292771
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

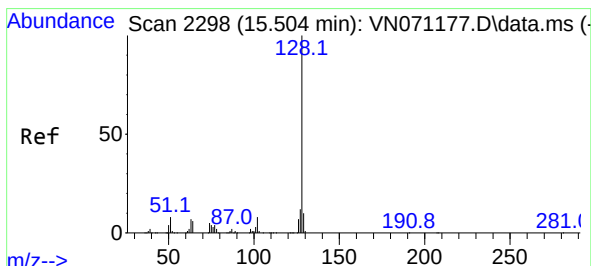
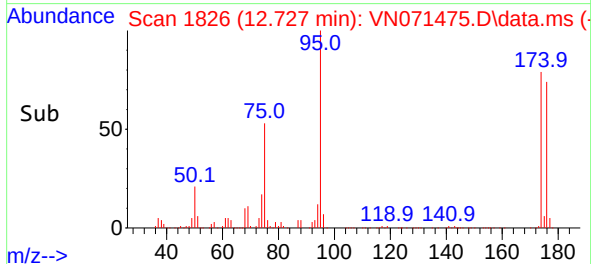
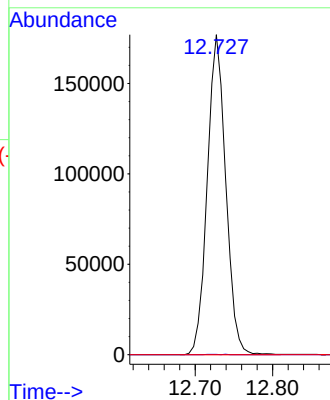
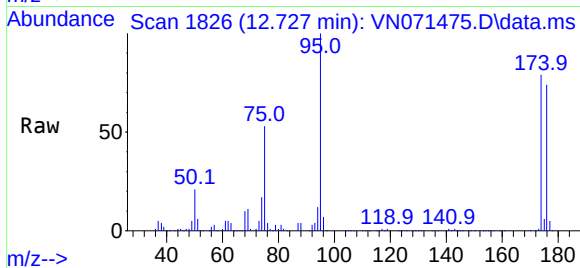




#81
trans-1,4-Dichloro-2-butene
Concen: 73.650 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 75 Resp: 292771
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 5.092 ug/l
RT: 15.515 min Scan# 2300
Delta R.T. 0.011 min
Lab File: VN071475.D
Acq: 22 Mar 2022 18:33

Tgt Ion:128 Resp: 534
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

