

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102824\
 Data File : VN084544.D
 Acq On : 28 Oct 2024 17:05
 Operator : JC\MD
 Sample : P4550-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB190-HYD-20241023

Quant Time: Oct 28 18:35:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

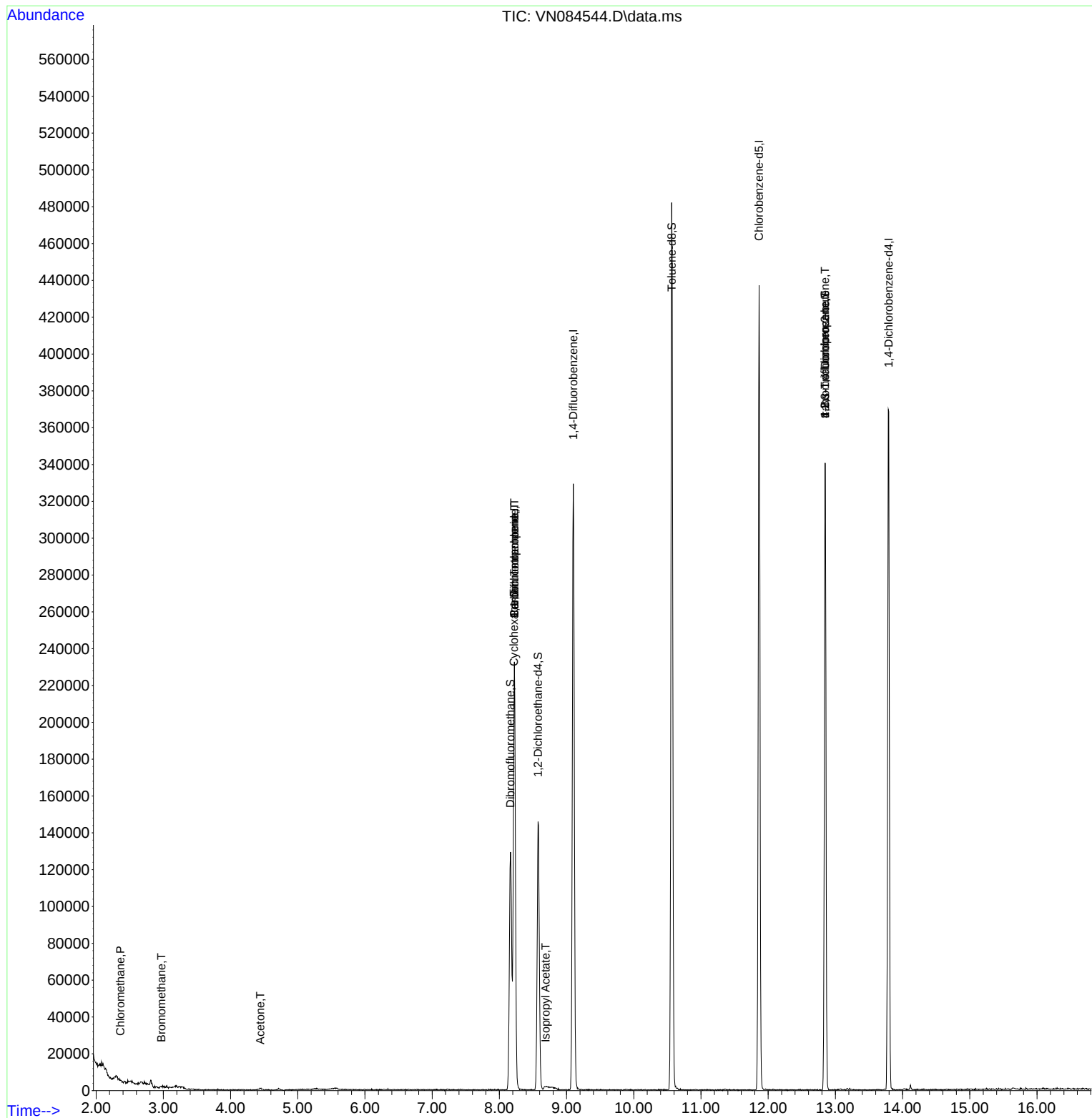
Internal Standards						
1) Pentafluorobenzene	8.224	168	162703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	245056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	120566	49.978	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.960%		
35) Dibromofluoromethane	8.165	113	95755	51.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.360%		
50) Toluene-d8	10.565	98	334228	48.554	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.100%		
62) 4-Bromofluorobenzene	12.847	95	117140	46.711	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.420%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	768	0.349	ug/l	91
5) Bromomethane	2.971	94	523	0.373	ug/l #	75
16) Acetone	4.441	43	1425	1.375	ug/l #	44
31) Cyclohexane	8.218	56	3749	1.049	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13709	5.044	ug/l #	51
38) Carbon Tetrachloride	8.224	117	16917	5.675	ug/l #	17
43) Isopropyl Acetate	8.688	43	1110	0.203	ug/l #	56
76) 1,2,3-Trichloropropane	12.847	75	62610	30.133	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62610	72.243	ug/l #	11

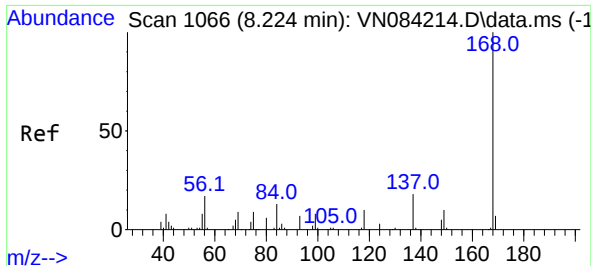
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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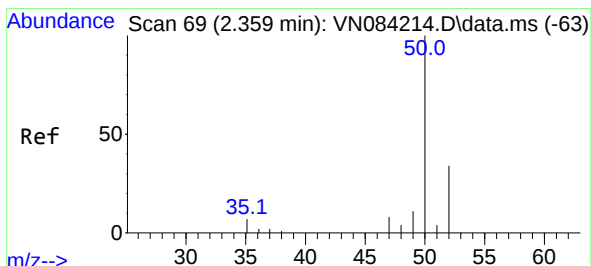
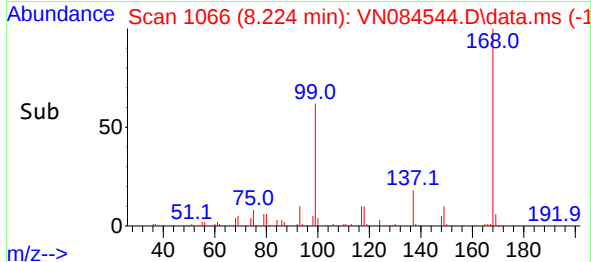
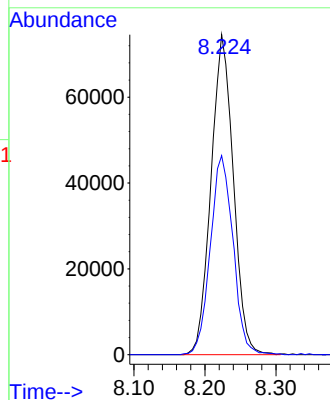
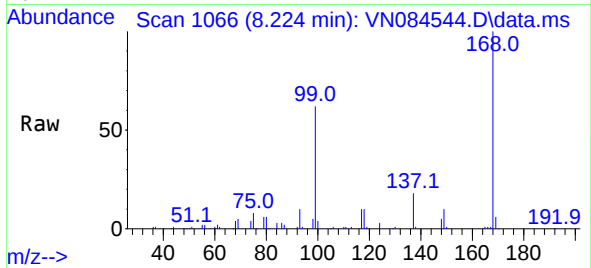




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

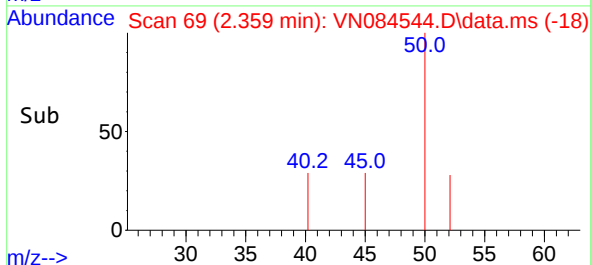
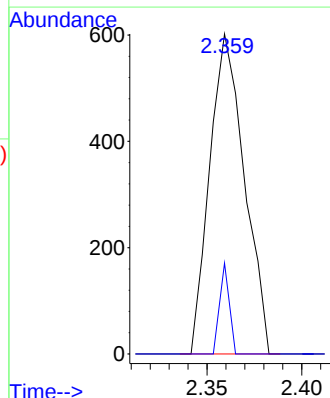
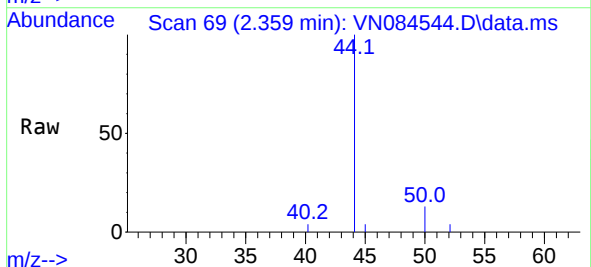
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241023

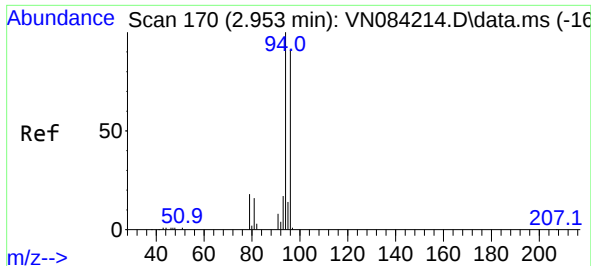
Tgt Ion:168 Resp: 162703
Ion Ratio Lower Upper
168 100
99 62.2 54.2 81.2



#3
Chloromethane
Concen: 0.349 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 50 Resp: 768
Ion Ratio Lower Upper
50 100
52 28.4 26.8 40.2

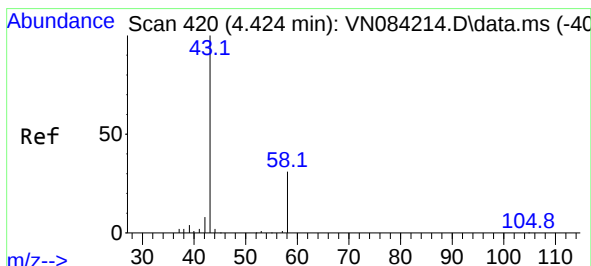
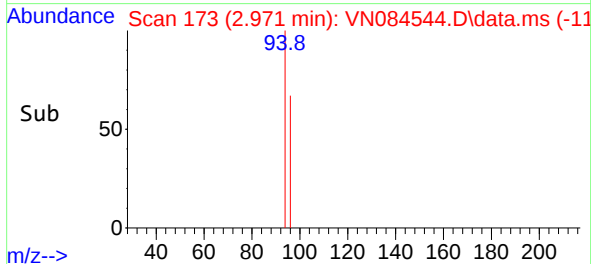
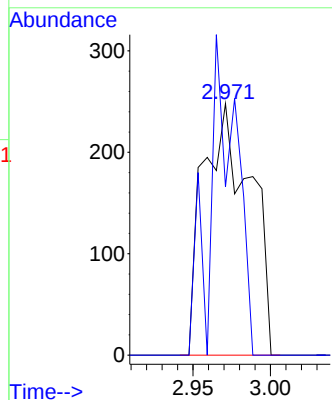
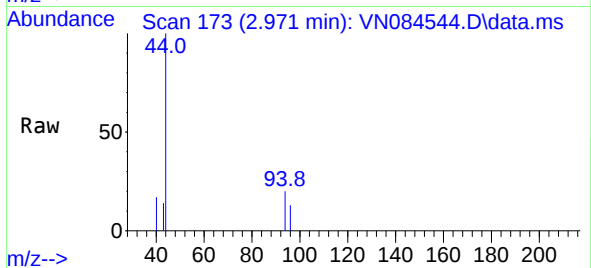




#5
Bromomethane
Concen: 0.373 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

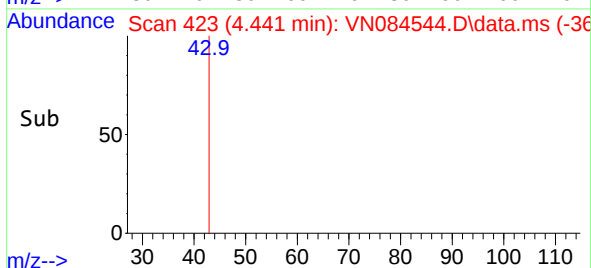
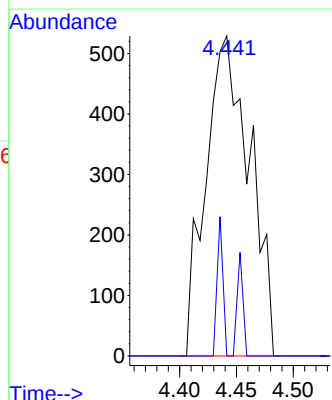
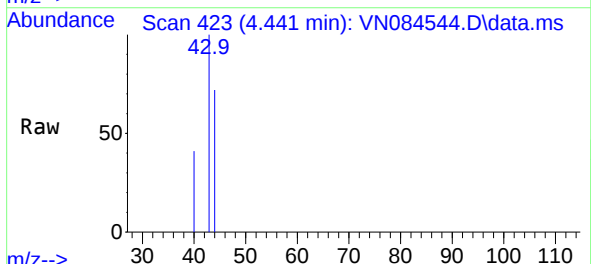
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241023

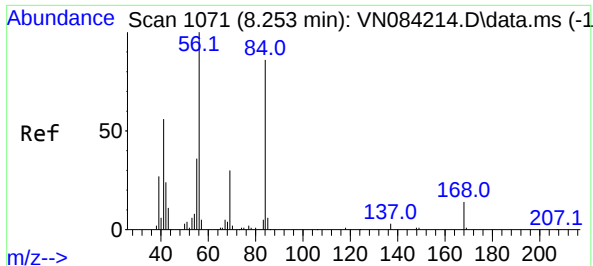
Tgt Ion: 94 Resp: 523
Ion Ratio Lower Upper
94 100
96 66.9 72.9 109.3#



#16
Acetone
Concen: 1.375 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

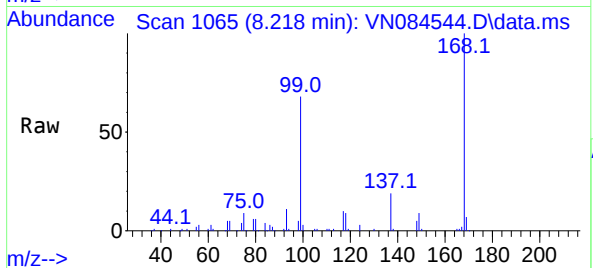
Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





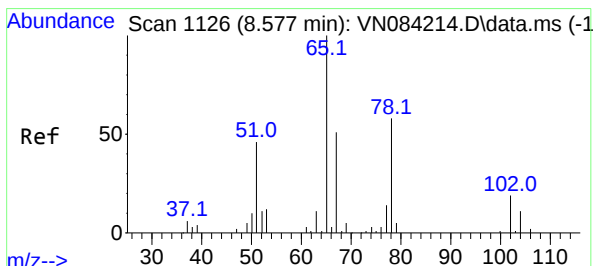
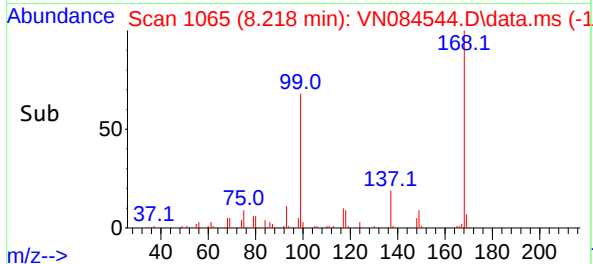
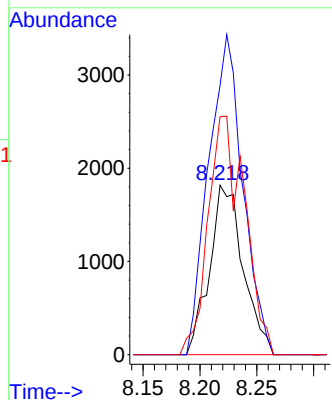
#31
Cyclohexane
Concen: 1.049 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241023



Tgt Ion: 56 Resp: 3749

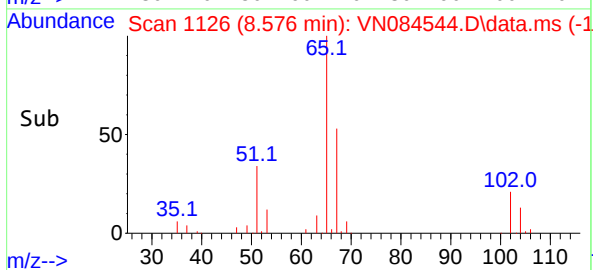
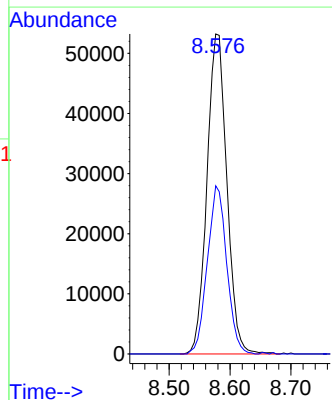
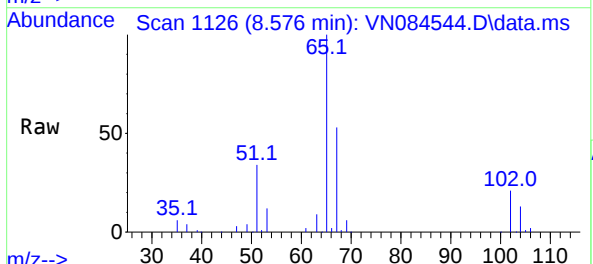
Ion	Ratio	Lower	Upper
56	100		
69	158.8	23.8	35.6#
84	148.8	68.8	103.2#

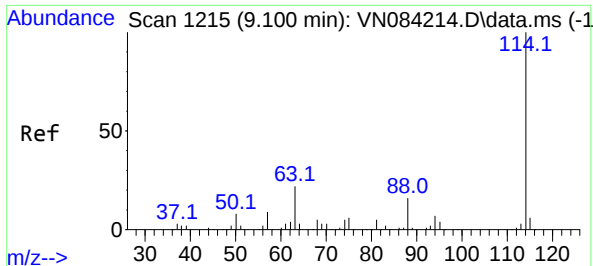


#33
1,2-Dichloroethane-d4
Concen: 49.978 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 65 Resp: 120566

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.0

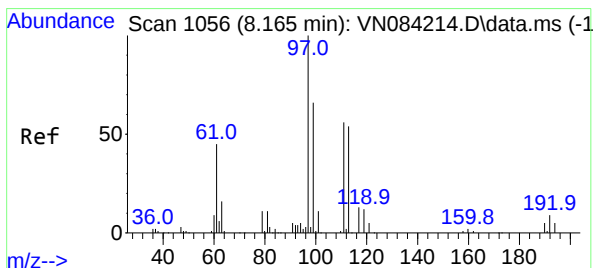
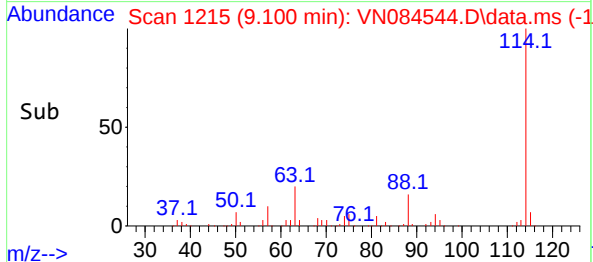
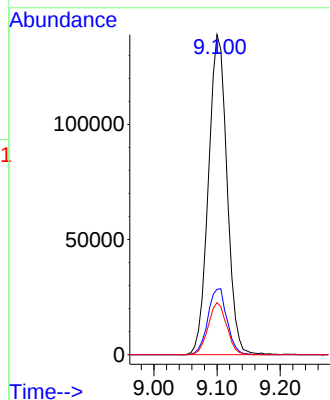
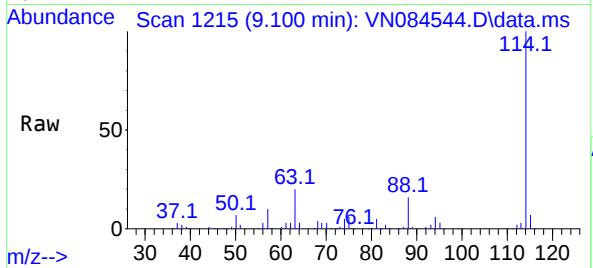




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

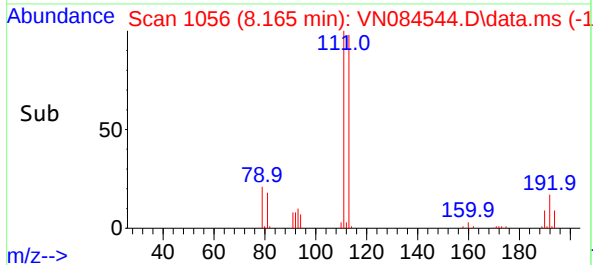
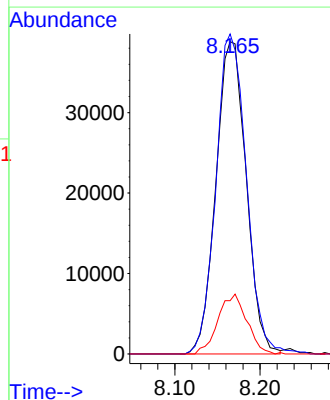
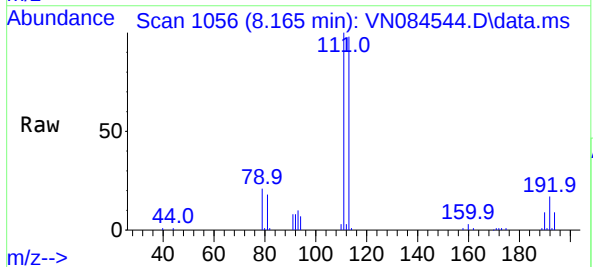
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241023

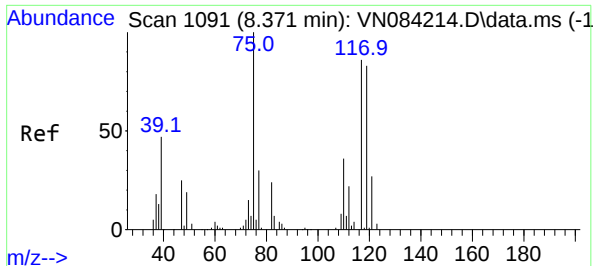
Tgt Ion:114 Resp: 283801
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.8
88 16.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.179 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Tgt Ion:113 Resp: 95755
Ion Ratio Lower Upper
113 100
111 103.1 83.3 124.9
192 18.3 13.5 20.3

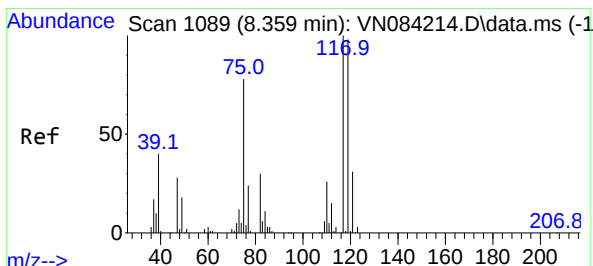
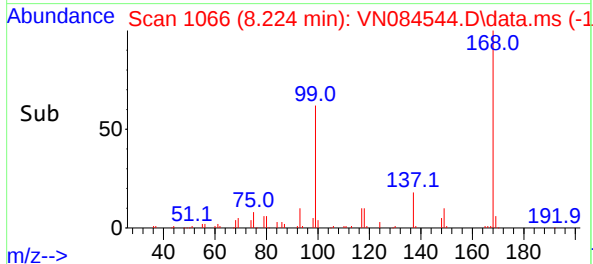
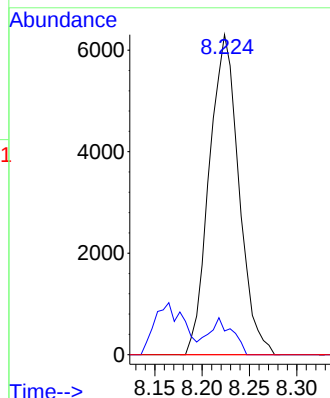
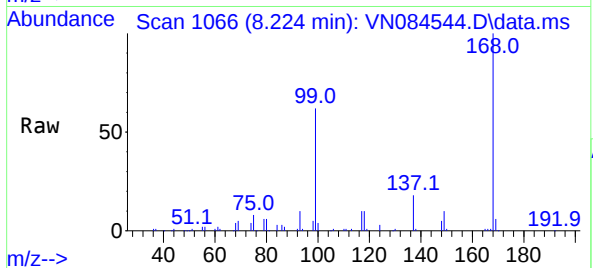




#36
1,1-Dichloropropene
Concen: 5.044 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

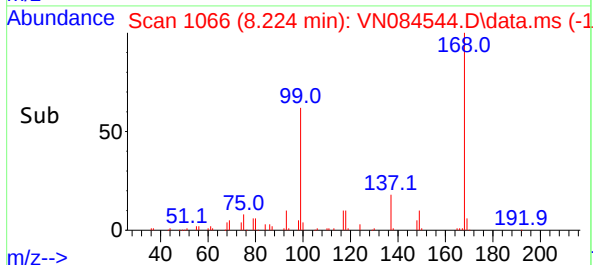
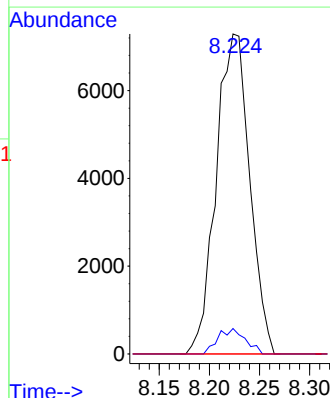
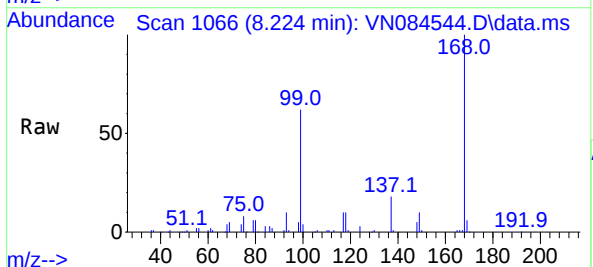
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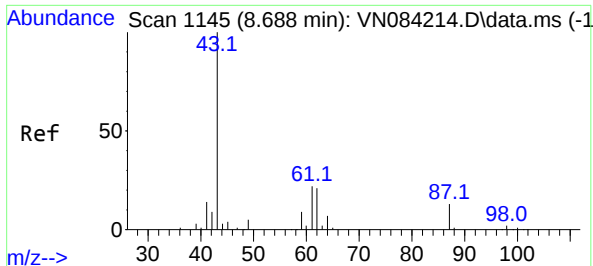
Tgt Ion: 75 Resp: 13709
Ion Ratio Lower Upper
75 100
110 9.3 16.9 50.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.675 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 117 Resp: 16917
Ion Ratio Lower Upper
117 100
119 7.9 78.7 118.1#
121 0.0 24.4 36.6#

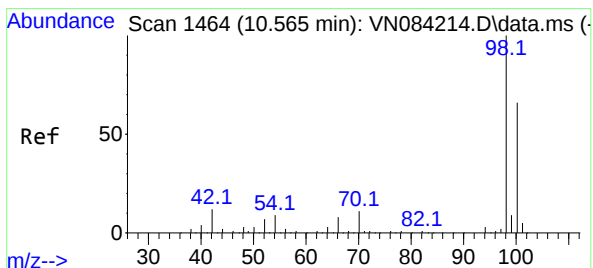
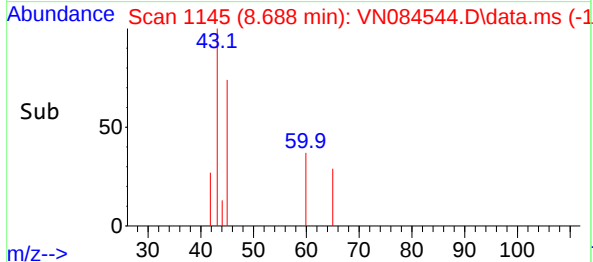
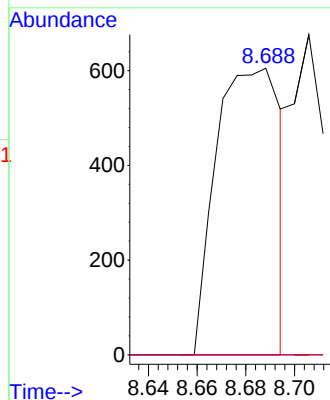
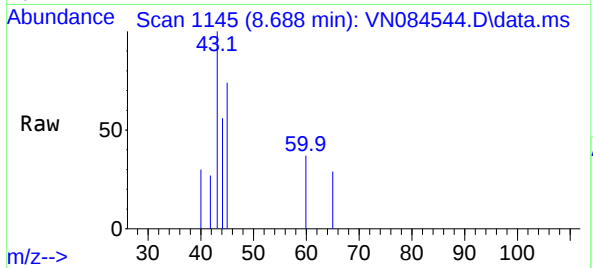




#43
Isopropyl Acetate
Concen: 0.203 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

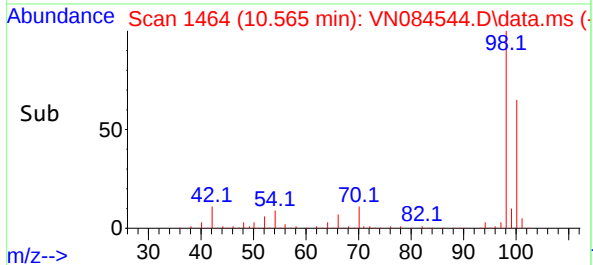
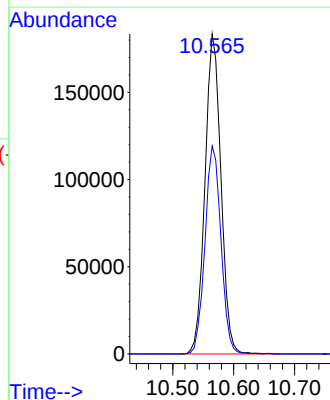
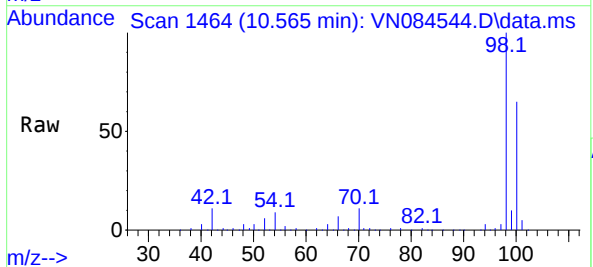
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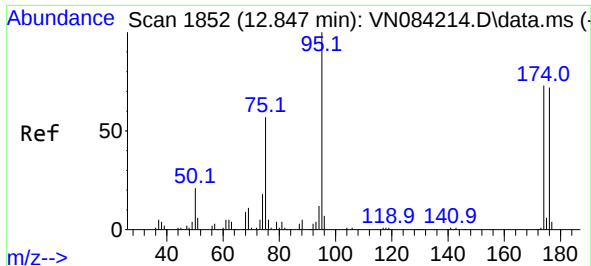
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 48.554 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 98 Resp: 334228
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

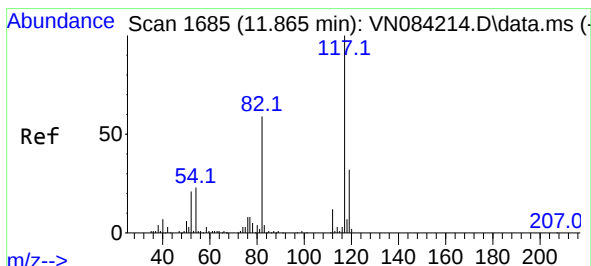
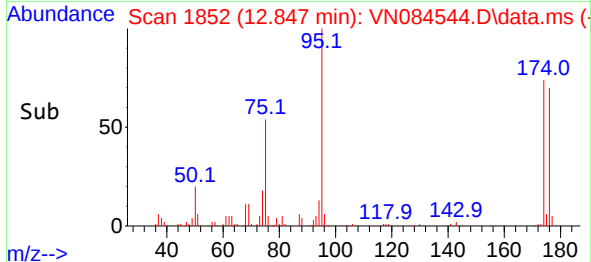
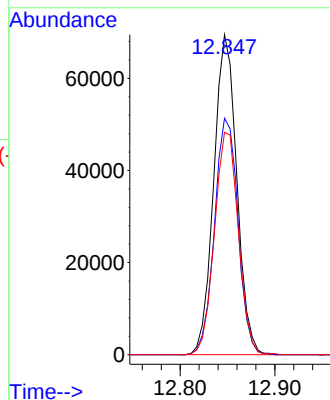
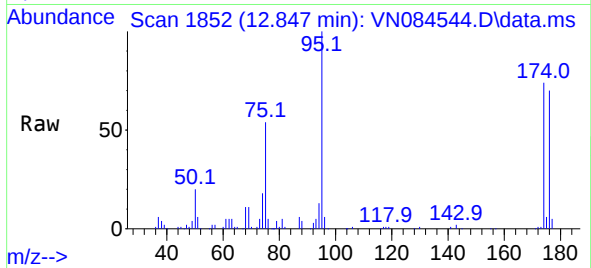




#62
4-Bromofluorobenzene
Concen: 46.711 ug/l
RT: 12.847 min Scan# 117140
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

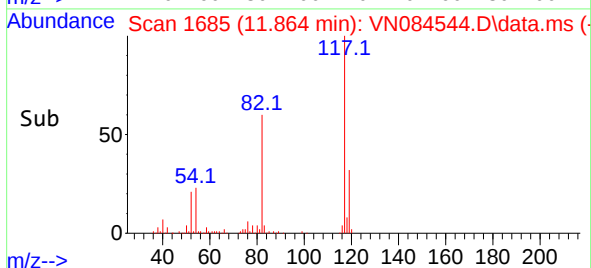
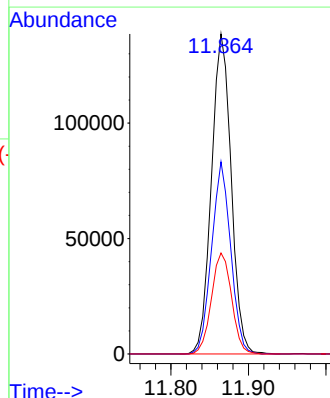
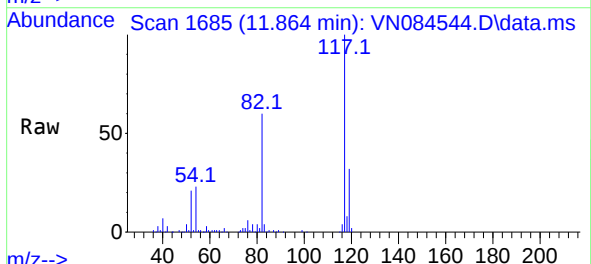
Instrument :
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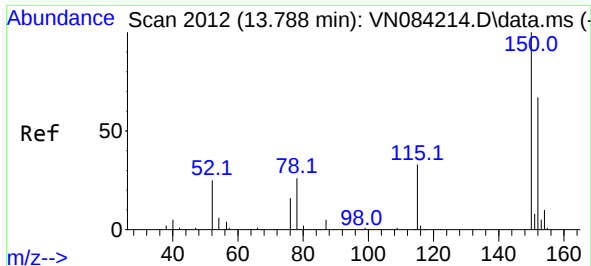
Tgt Ion: 95 Resp: 117140
Ion Ratio Lower Upper
95 100
174 75.7 0.0 145.2
176 72.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 117 Resp: 245056
Ion Ratio Lower Upper
117 100
82 60.0 47.2 70.8
119 31.6 25.4 38.0

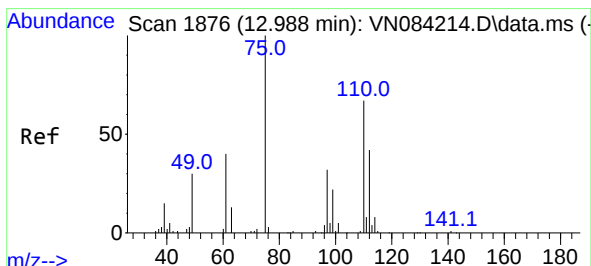
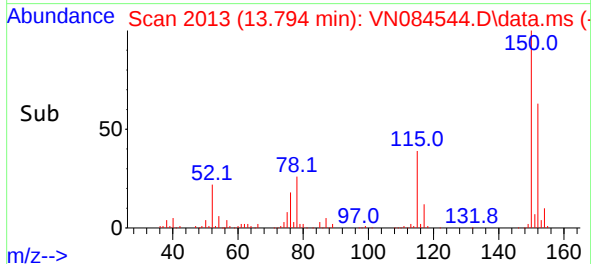
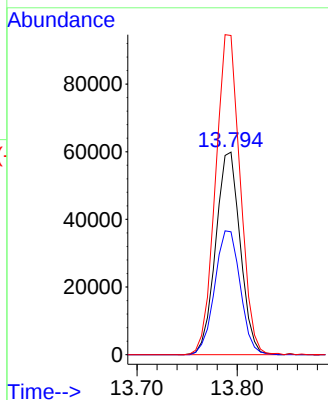
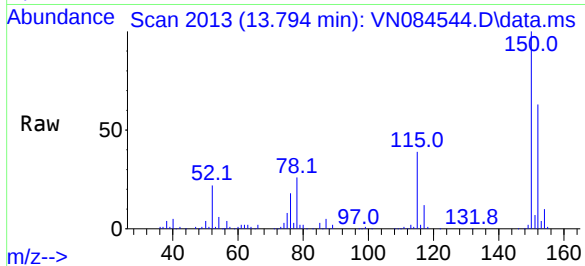




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

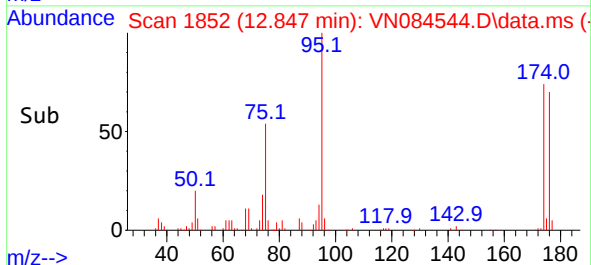
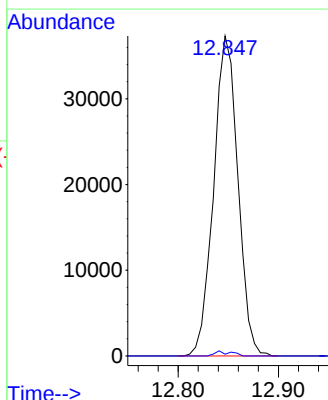
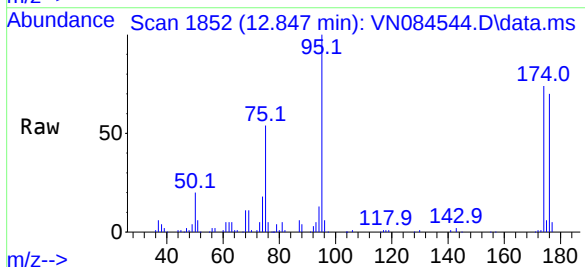
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241023

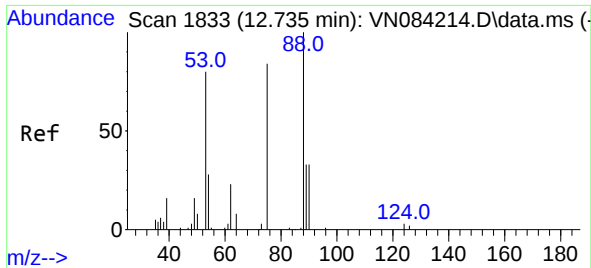
Tgt Ion:152 Resp: 101775
Ion Ratio Lower Upper
152 100
115 63.6 31.3 93.9
150 158.7 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 30.133 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Tgt Ion: 75 Resp: 62610
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.243 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084544.D
Acq: 28 Oct 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241023

Tgt Ion: 75 Resp: 62610
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#

