

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082843.D
 Acq On : 09 Jul 2024 16:46
 Operator : JC\MD
 Sample : P3173-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB189-HYD-20240703

Quant Time: Jul 10 01:23:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

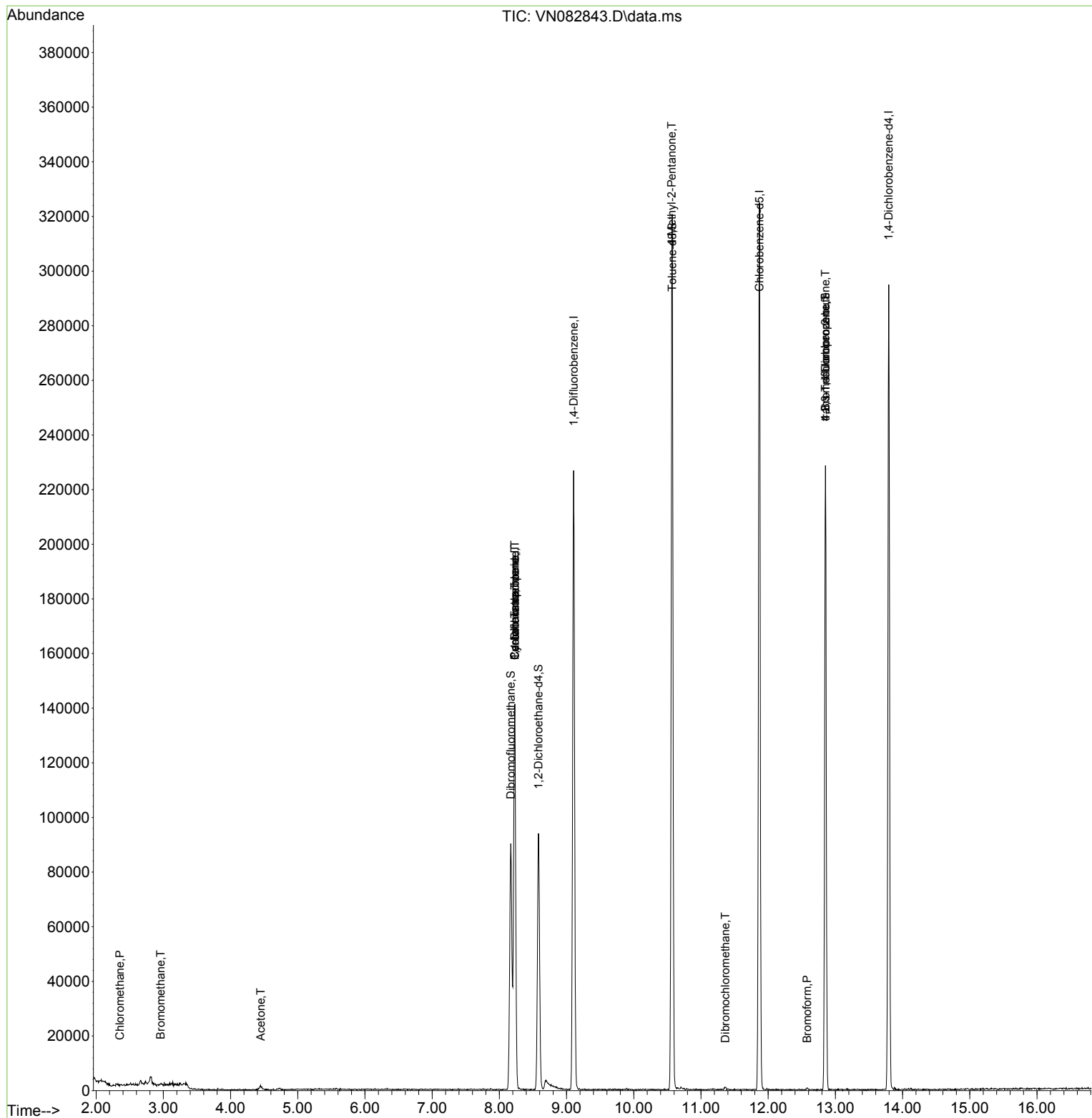
Internal Standards						
1) Pentafluorobenzene	8.229	168	98955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	186028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	182215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76934	55.462	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.920%	
35) Dibromofluoromethane	8.171	113	63781	53.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.860%	
50) Toluene-d8	10.570	98	217418	49.314	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.853	95	74453	47.012	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	305	0.251	ug/l #	43
5) Bromomethane	2.959	94	222	0.241	ug/l #	1
16) Acetone	4.447	43	2746	5.623	ug/l #	85
31) Cyclohexane	8.229	56	2578	1.422	ug/l #	28
36) 1,1-Dichloropropene	8.229	75	8376	5.089	ug/l #	51
38) Carbon Tetrachloride	8.229	117	11104	5.604	ug/l #	16
43) Isopropyl Acetate	8.694	43	2655	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	987	0.594	ug/l #	1
60) Dibromochloromethane	11.365	129	734	0.496	ug/l	87
71) Bromoform	12.582	173	472	0.432	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	41871	31.385	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	41871	61.724	ug/l #	6

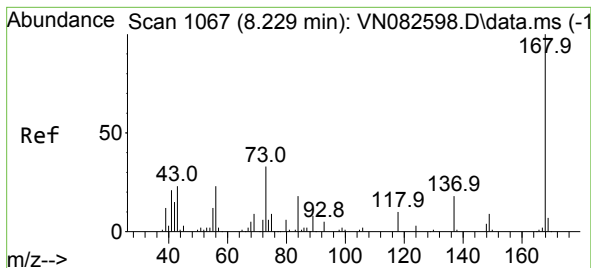
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. 0.000 min

Lab File: VN082843.D

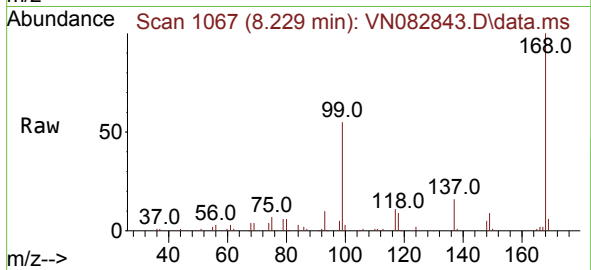
Acq: 09 Jul 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

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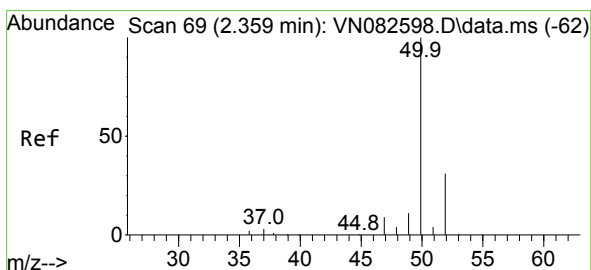
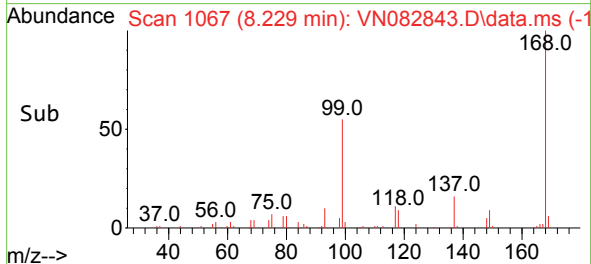
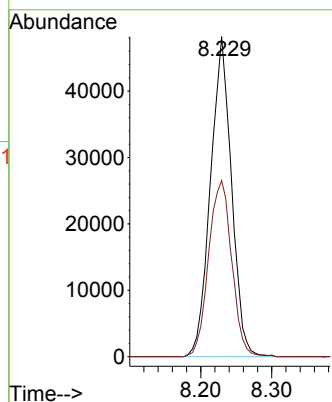


Tgt Ion:168 Resp: 98955

Ion Ratio Lower Upper

168 100

99 55.0 48.2 72.4



#3

Chloromethane

Concen: 0.251 ug/l

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN082843.D

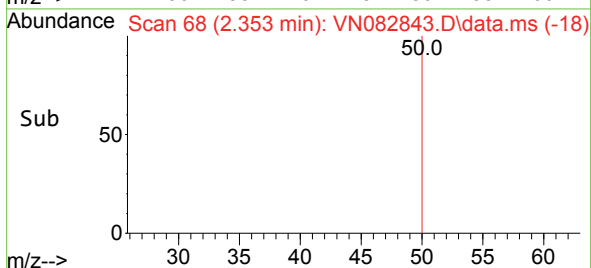
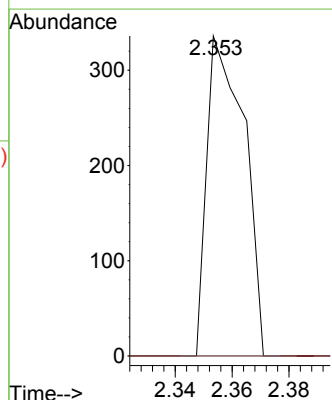
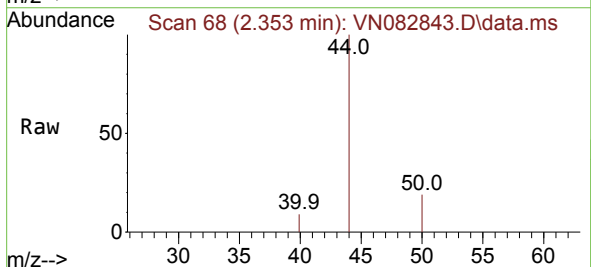
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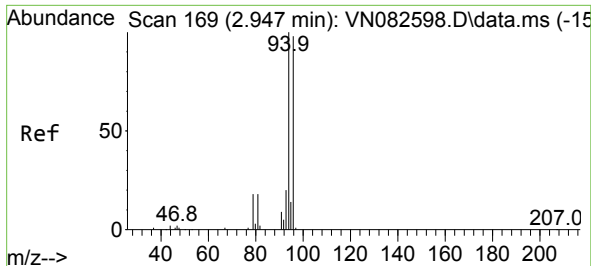
Tgt Ion: 50 Resp: 305

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

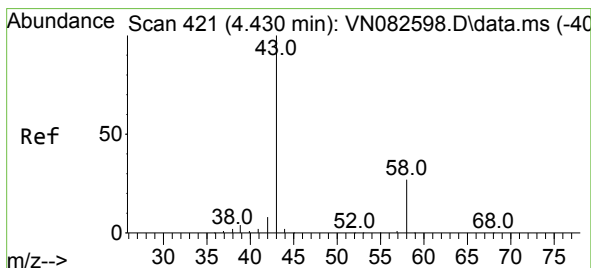
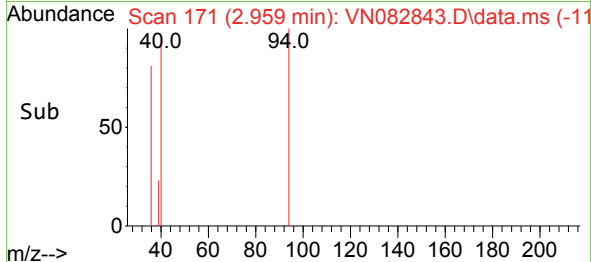
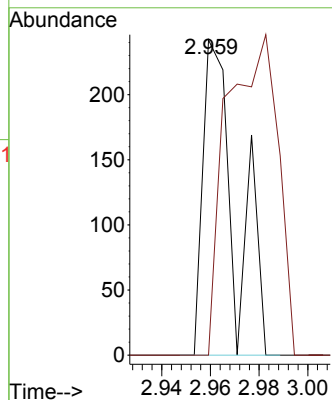
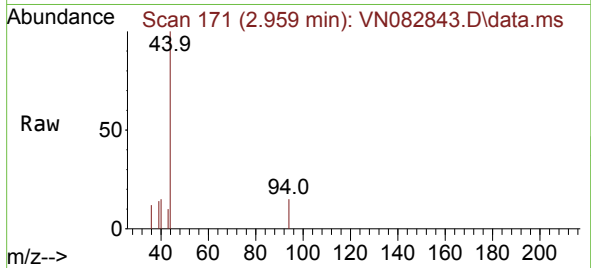




#5
Bromomethane
Concen: 0.241 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

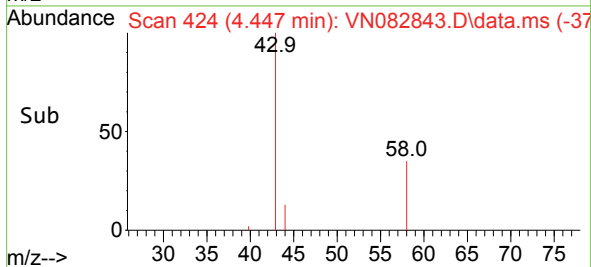
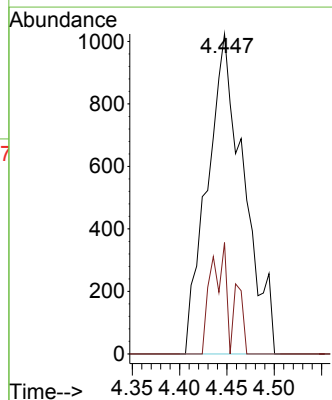
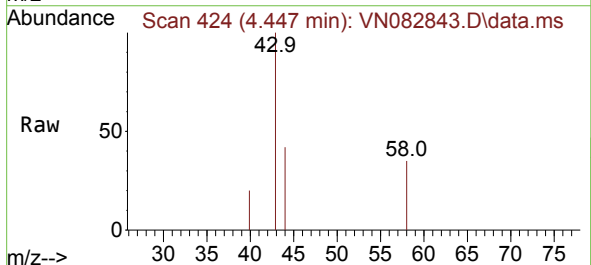
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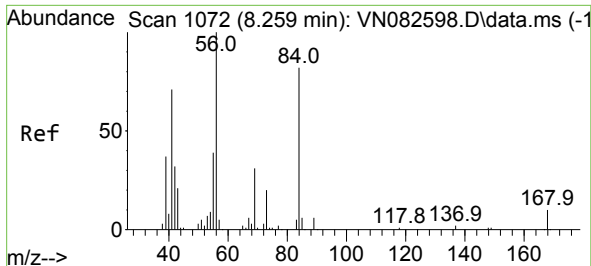
Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#16
Acetone
Concen: 5.623 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

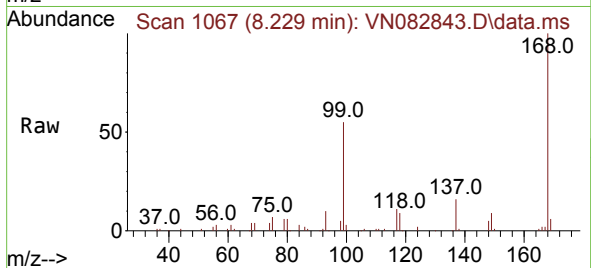
Tgt Ion: 43 Resp: 2746
Ion Ratio Lower Upper
43 100
58 34.8 21.8 32.6#



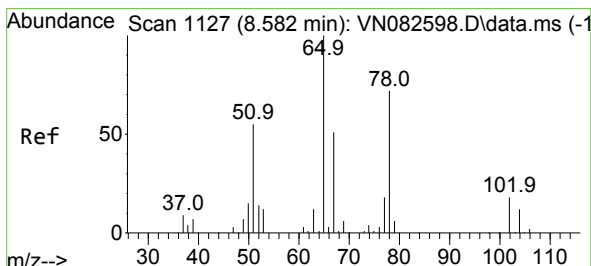
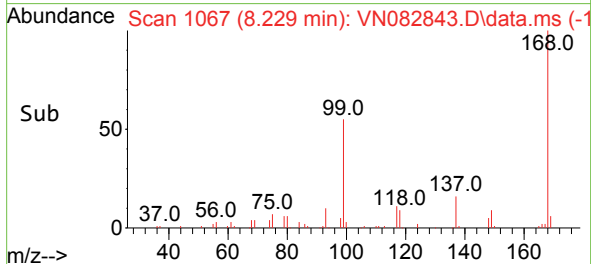
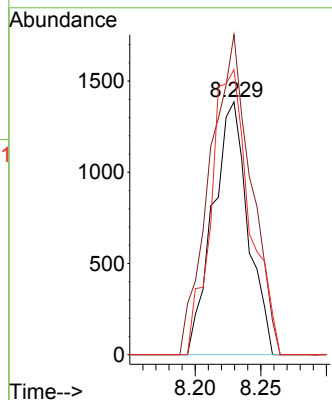


#31
Cyclohexane
Concen: 1.422 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240703

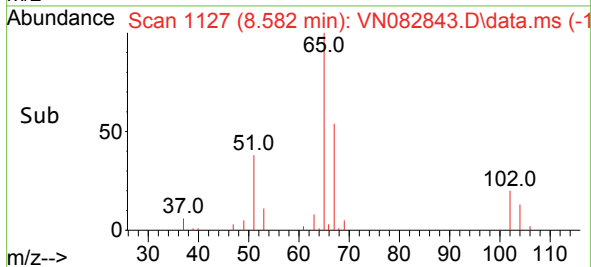
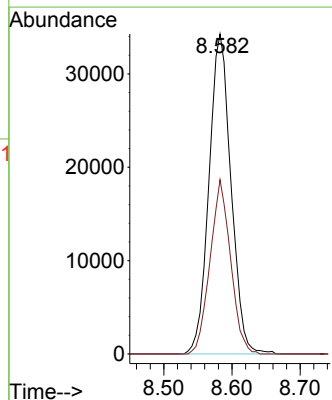
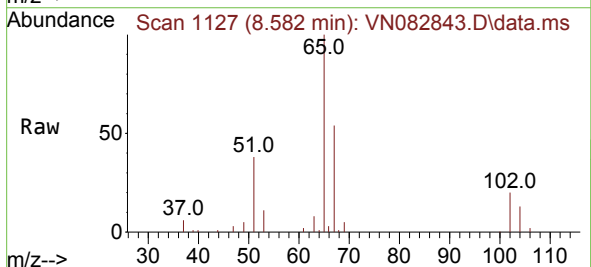


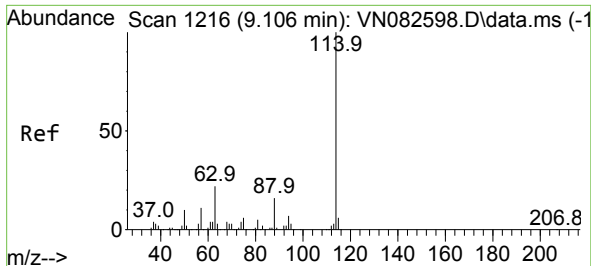
Tgt Ion: 56 Resp: 2578
Ion Ratio Lower Upper
56 100
69 126.6 24.5 36.7#
84 112.7 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 55.462 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

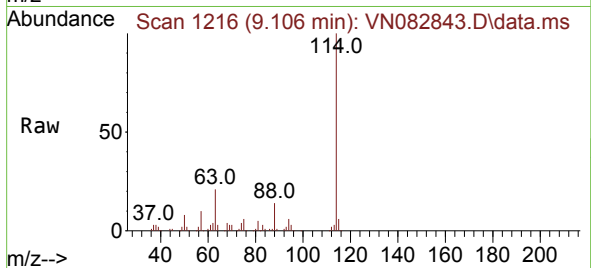
Tgt Ion: 65 Resp: 76934
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4



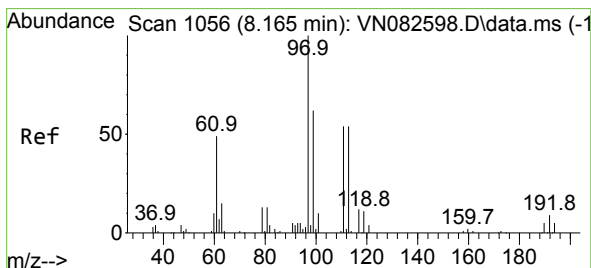
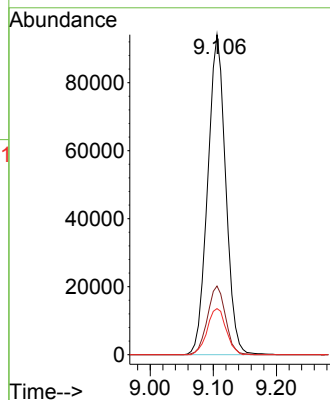
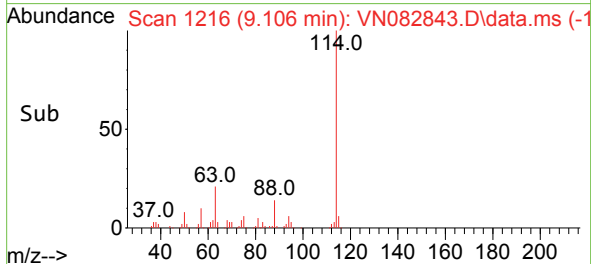


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

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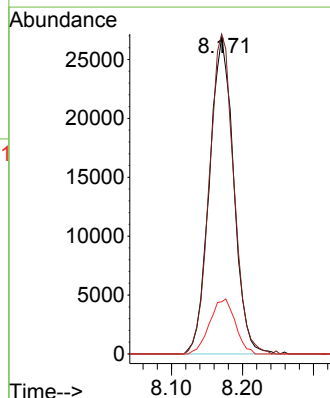
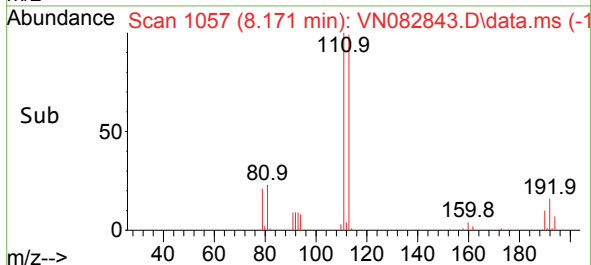
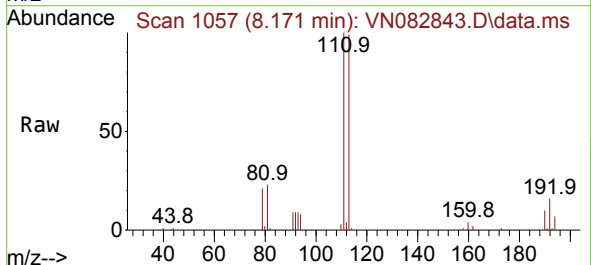


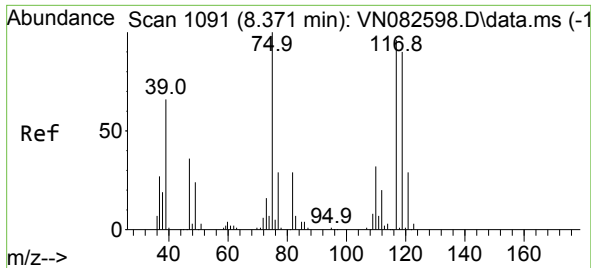
Tgt Ion:114 Resp: 186028
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.6
88 14.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.432 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

Tgt Ion:113 Resp: 63781
Ion Ratio Lower Upper
113 100
111 101.3 82.4 123.6
192 18.2 14.9 22.3

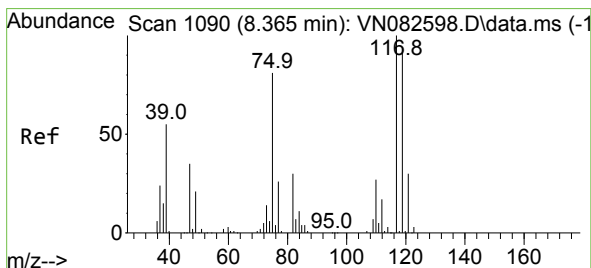
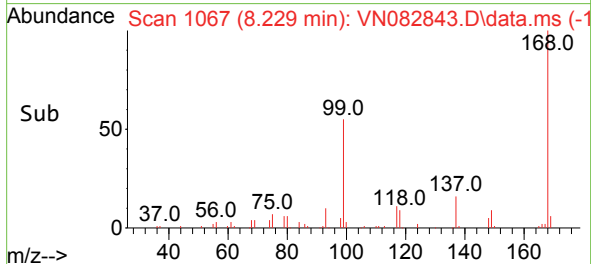
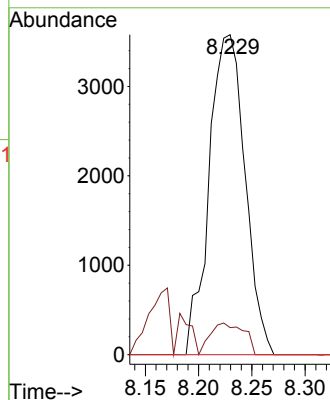
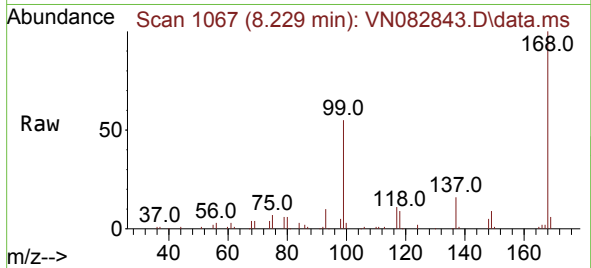




#36
1,1-Dichloropropene
Concen: 5.089 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

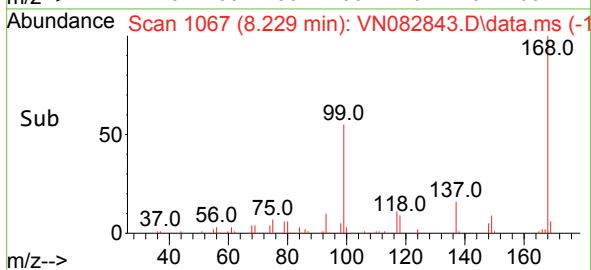
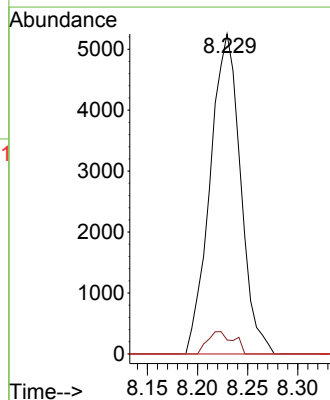
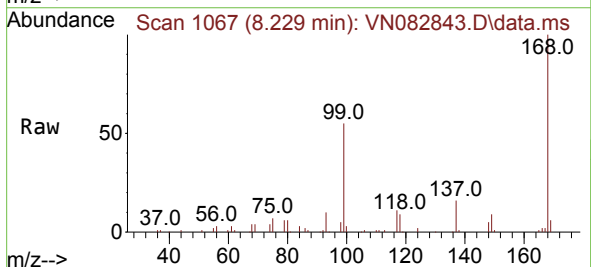
Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240703

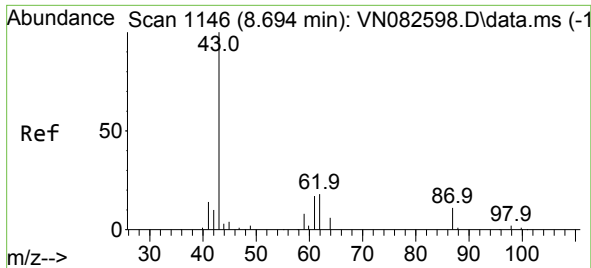
Tgt Ion: 75 Resp: 8376
Ion Ratio Lower Upper
75 100
110 9.3 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.604 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

Tgt Ion: 117 Resp: 11104
Ion Ratio Lower Upper
117 100
119 4.4 74.9 112.3#
121 0.0 24.3 36.5#

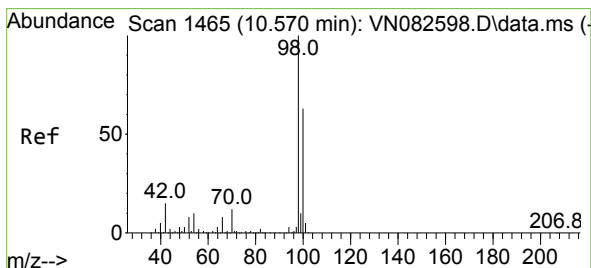
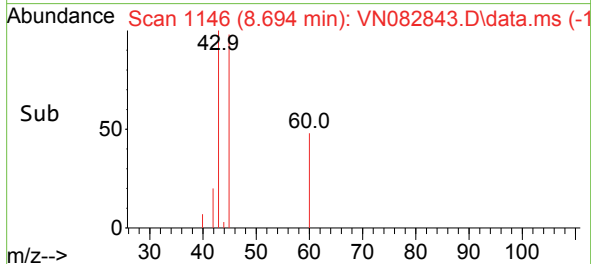
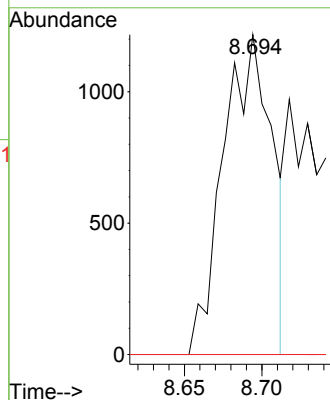
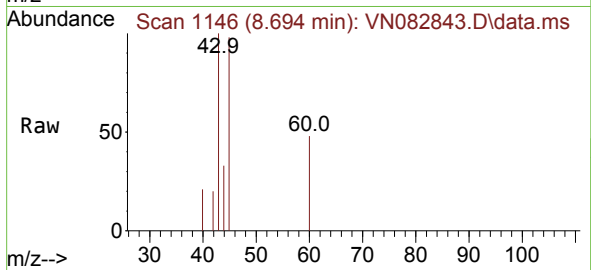




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

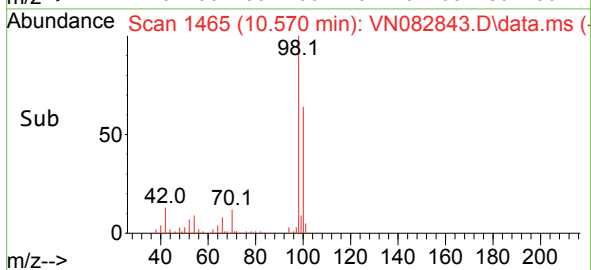
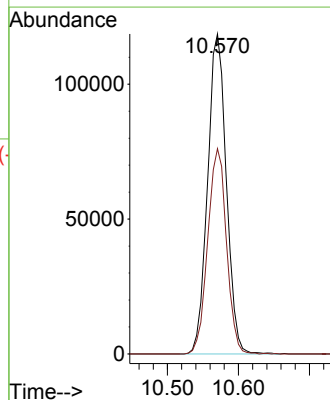
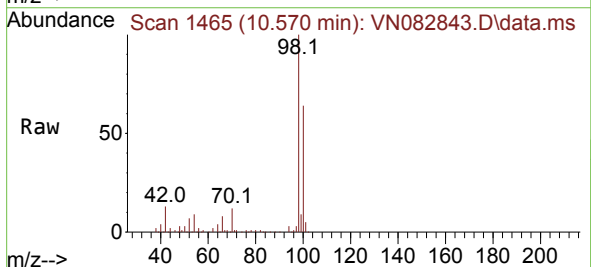
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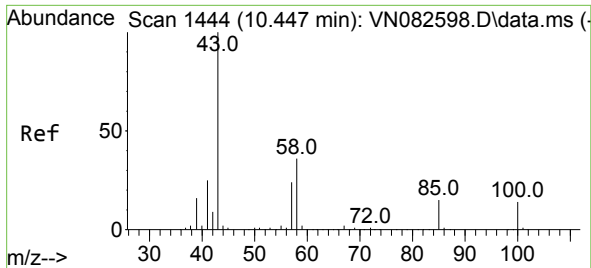
Tgt Ion: 43 Resp: 2655
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 49.314 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

Tgt Ion: 98 Resp: 217418
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

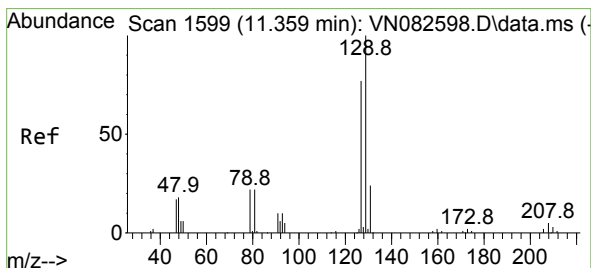
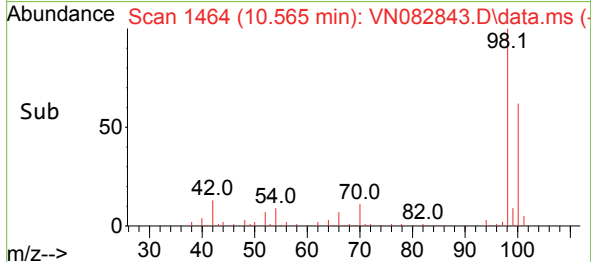
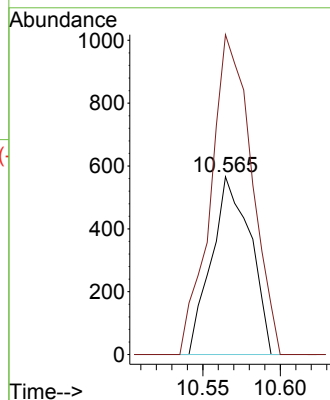
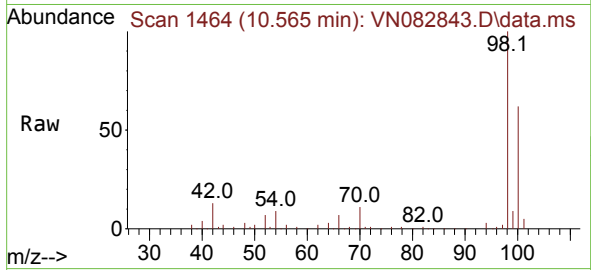




#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

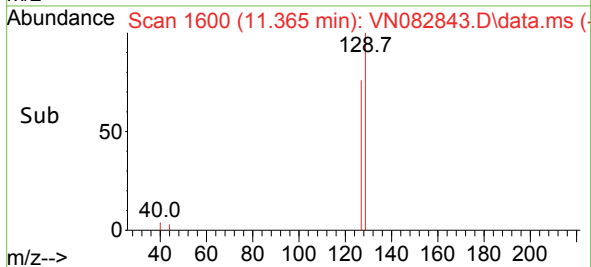
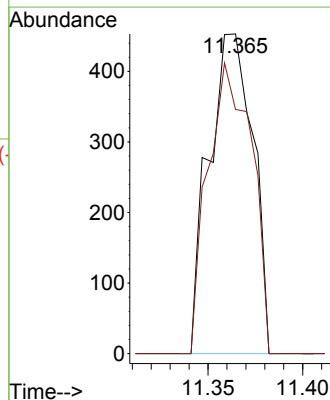
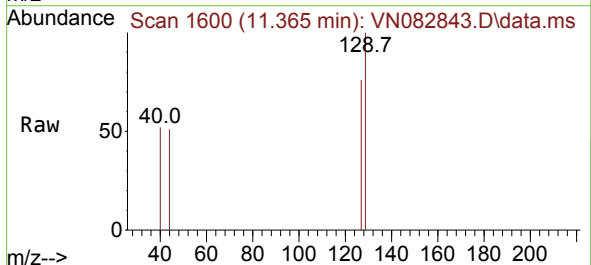
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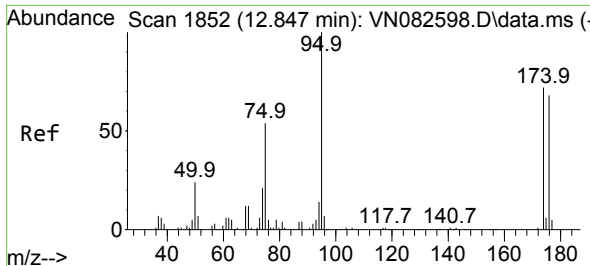
Tgt Ion: 43 Resp: 987
Ion Ratio Lower Upper
43 100
58 190.1 28.2 42.4#



#60
Dibromochloromethane
Concen: 0.496 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

Tgt Ion: 129 Resp: 734
Ion Ratio Lower Upper
129 100
127 90.1 39.2 117.6

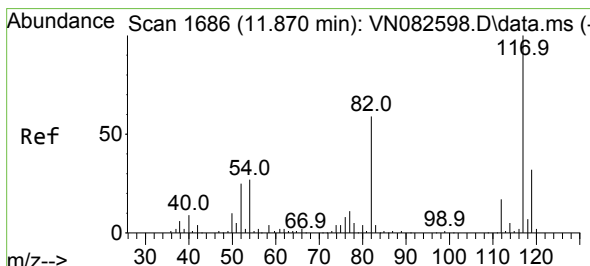
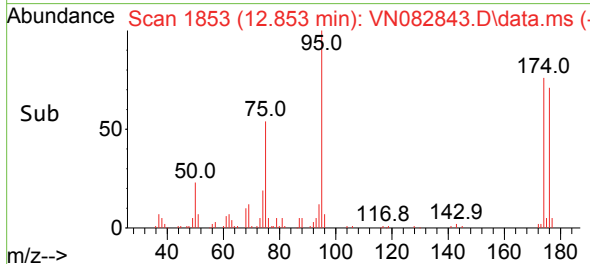
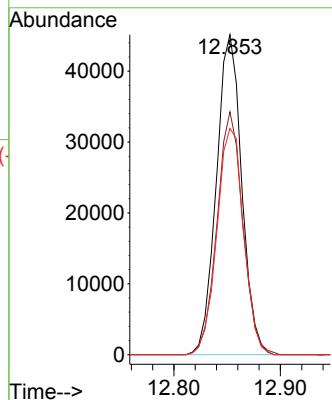
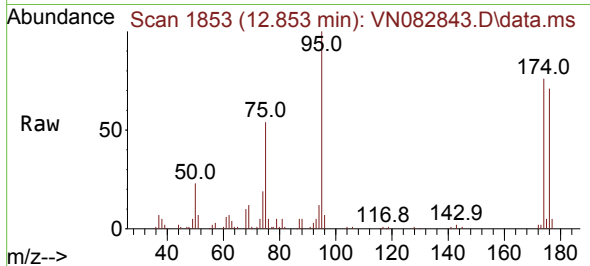




#62
4-Bromofluorobenzene
Concen: 47.012 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

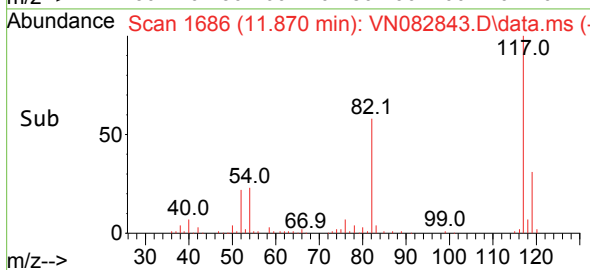
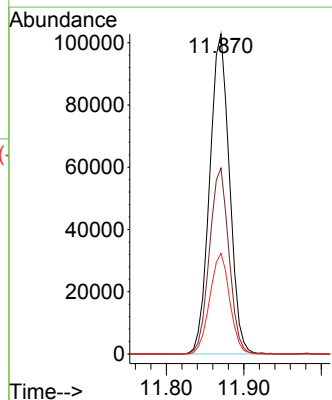
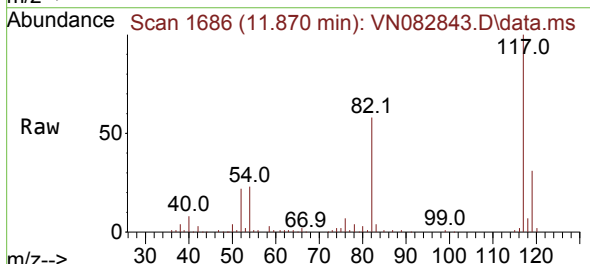
Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240703

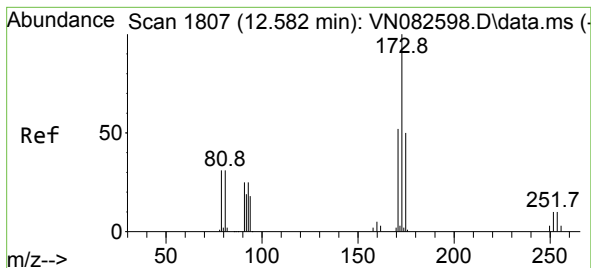
Tgt Ion: 95 Resp: 74453
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.2
176 74.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

Tgt Ion: 117 Resp: 182215
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 31.5 25.6 38.4





#71

Bromoform

Concen: 0.432 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082843.D

Acq: 09 Jul 2024 16:46

Instrument :

MSVOA_N

ClientSampleId :

VPB189-HYD-20240703

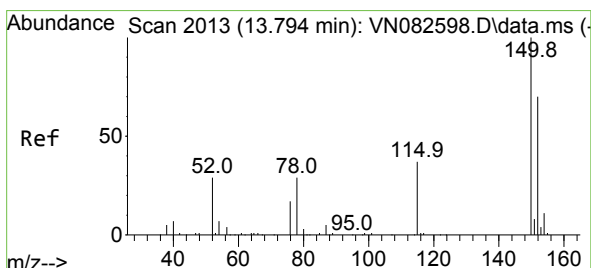
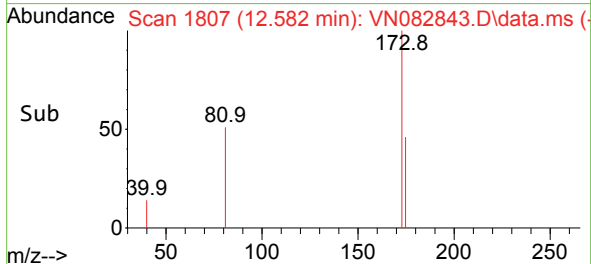
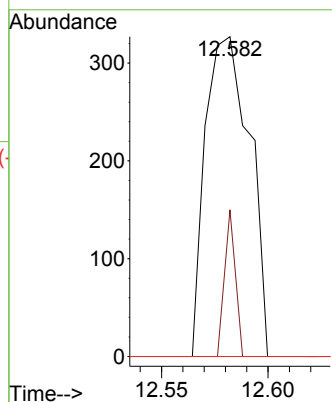
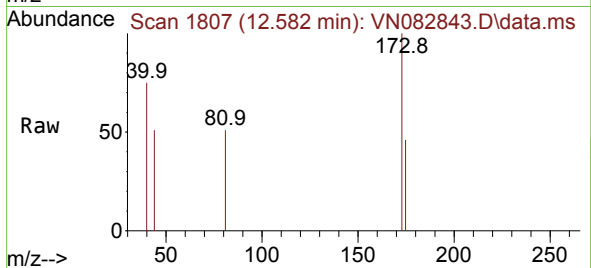
Tgt Ion:173 Resp: 472

Ion Ratio Lower Upper

173 100

175 0.0 24.0 72.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082843.D

Acq: 09 Jul 2024 16:46

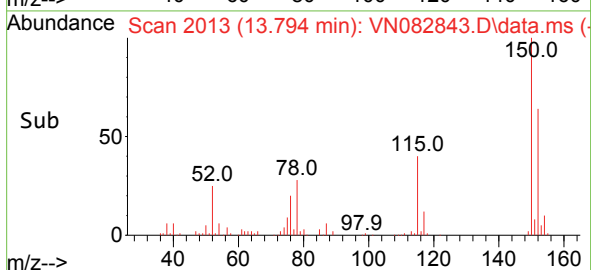
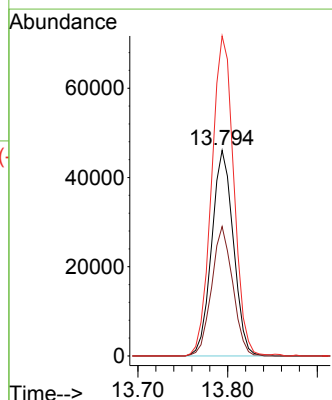
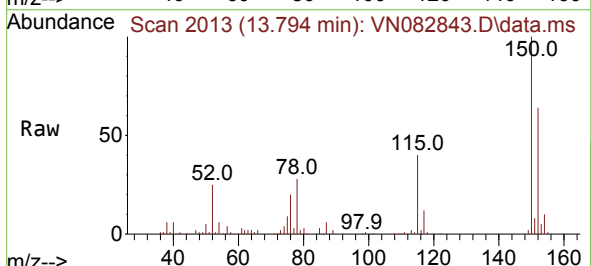
Tgt Ion:152 Resp: 77383

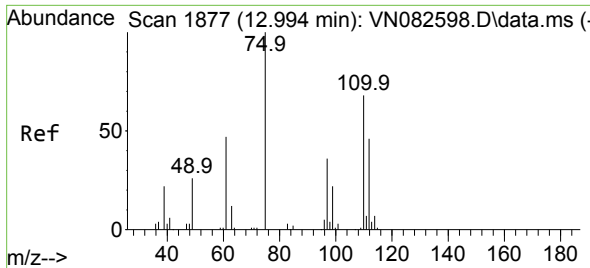
Ion Ratio Lower Upper

152 100

115 61.1 30.6 91.6

150 159.2 0.0 348.6

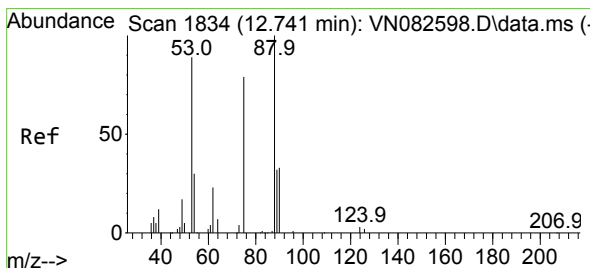
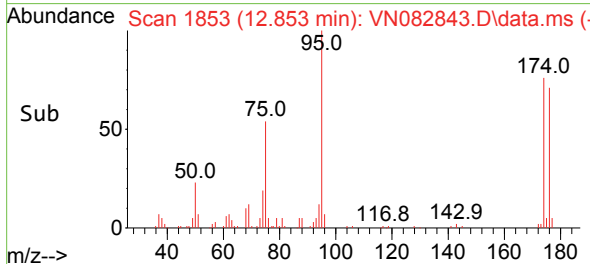
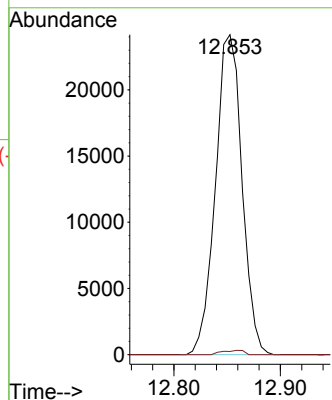
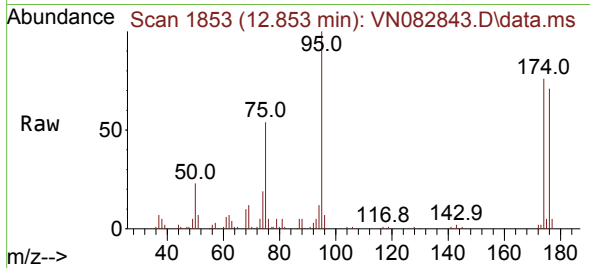




#76
1,2,3-Trichloropropane
Concen: 31.385 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240703

Tgt Ion: 75 Resp: 41871
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.724 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082843.D
Acq: 09 Jul 2024 16:46

Tgt Ion: 75 Resp: 41871
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

