

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083933.D
 Acq On : 17 Sep 2024 10:09
 Operator : JC\MD
 Sample : VN0917WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 01:43:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125870	52.151	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.300%
35) Dibromofluoromethane	8.165	113	88942	50.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.820%
50) Toluene-d8	10.565	98	330028	54.110	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.847	95	120672	47.955	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.900%

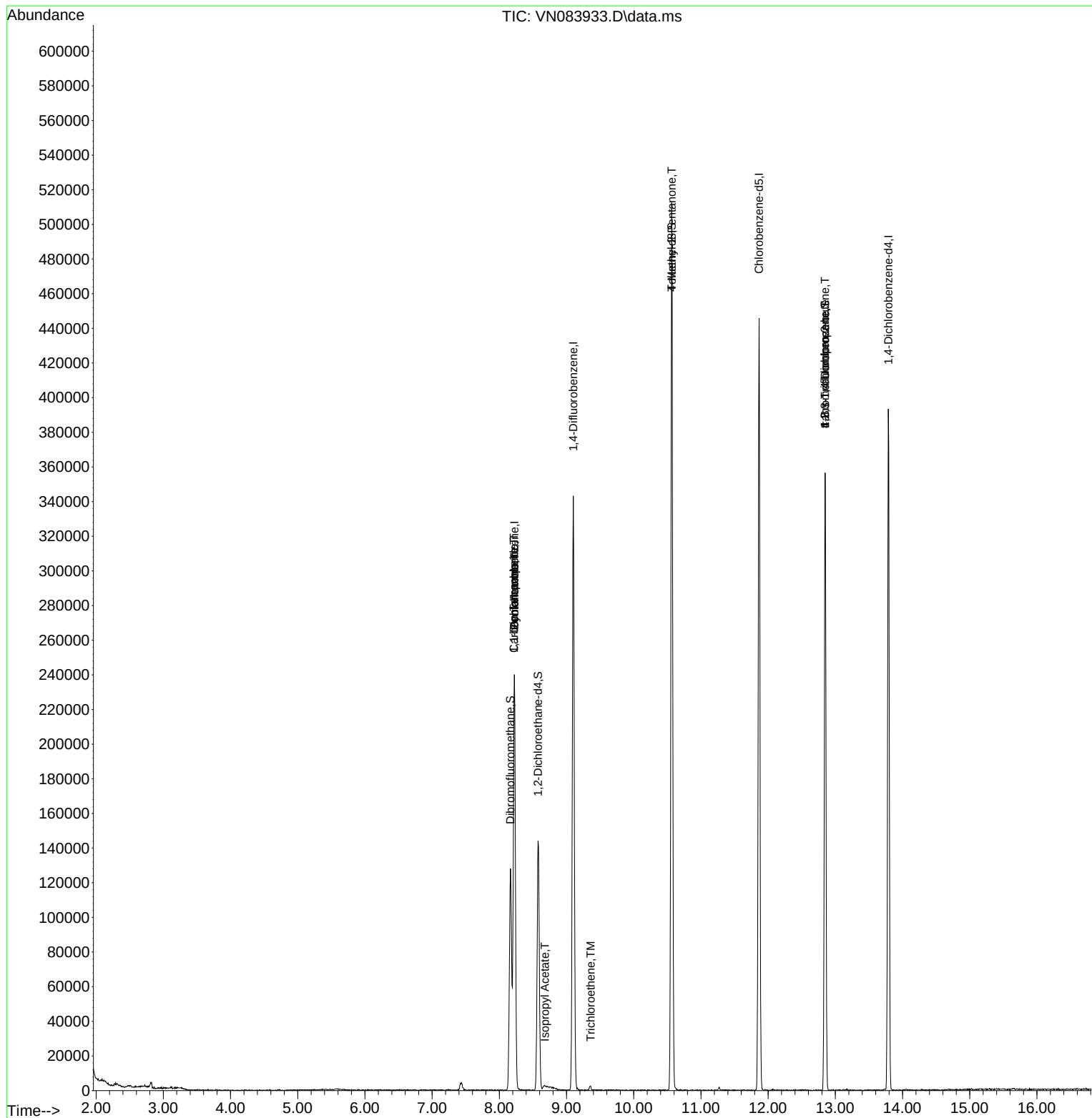
Target Compounds					Qvalue	
3) Chloromethane	2.354	50	83	Below Cal	#	41
31) Cyclohexane	8.224	56	4309	1.235	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	15089	5.682	ug/l #	51
38) Carbon Tetrachloride	8.218	117	19135	6.352	ug/l #	16
43) Isopropyl Acetate	8.677	43	3039	0.696	ug/l #	57
44) Trichloroethene	9.359	130	652	0.352	ug/l	96
51) 4-Methyl-2-Pentanone	10.565	43	1979	0.832	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69036	34.153	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69036	89.450	ug/l #	9

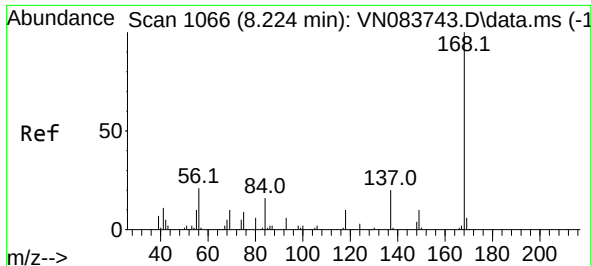
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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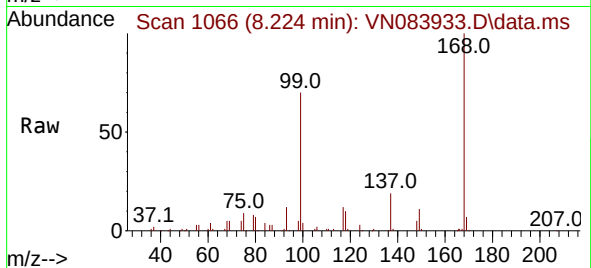
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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



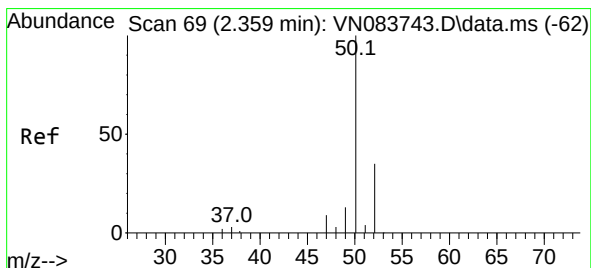
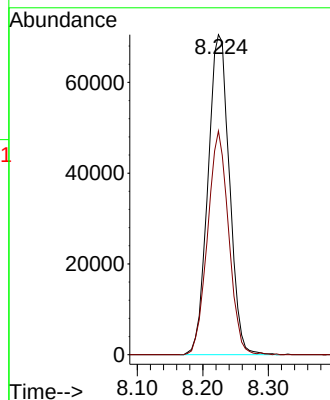
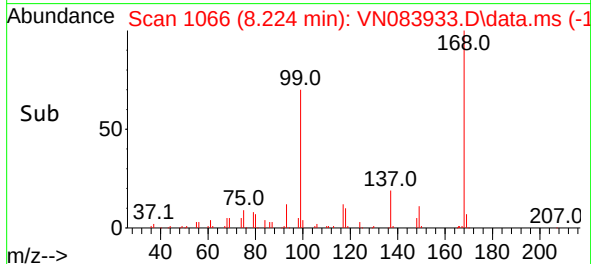


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :

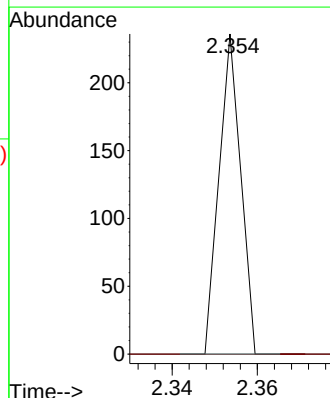
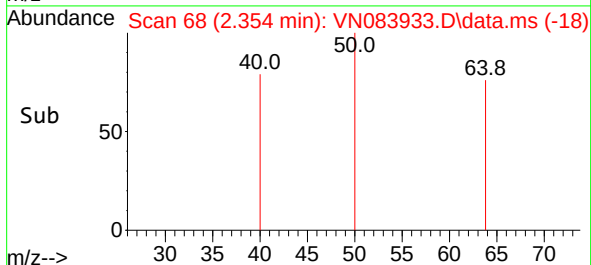
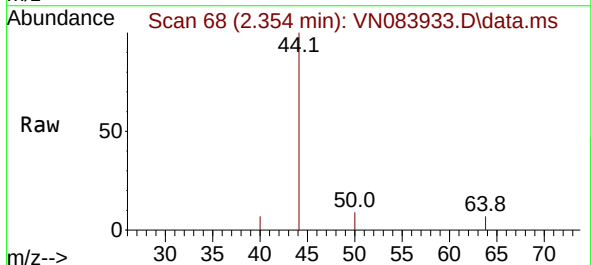


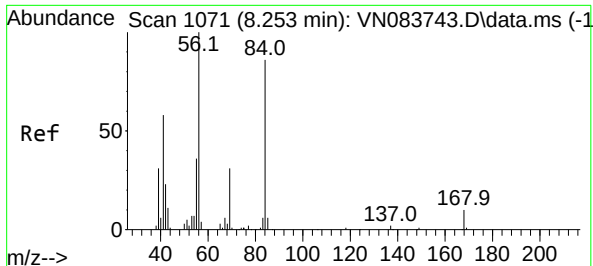
Tgt Ion:168 Resp: 160066
Ion Ratio Lower Upper
168 100
99 69.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

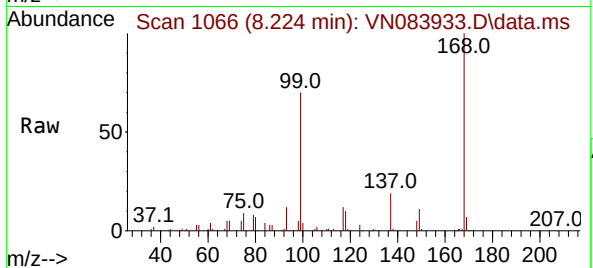
Tgt Ion: 50 Resp: 83
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



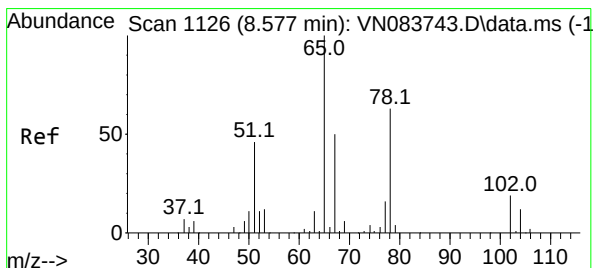
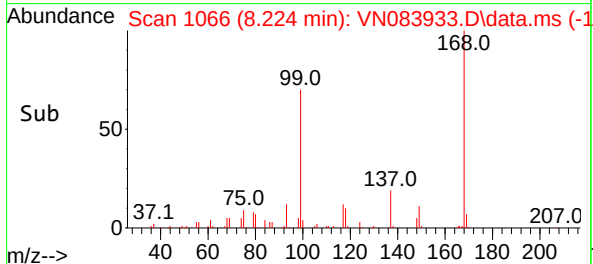
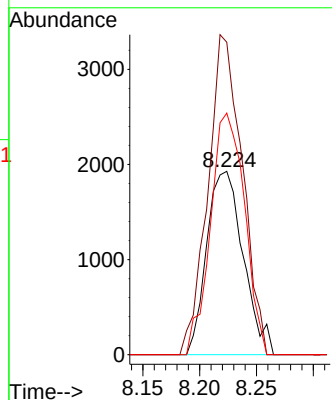


#31
Cyclohexane
Concen: 1.235 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :

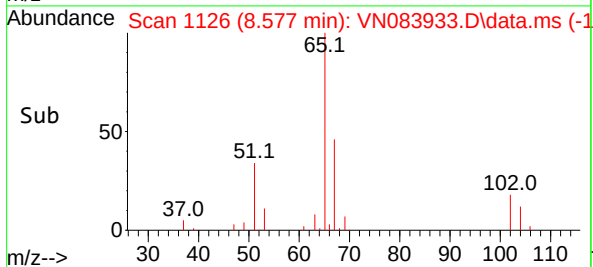
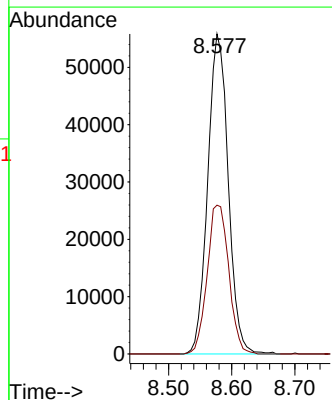
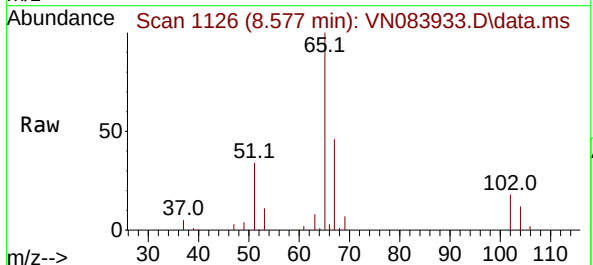


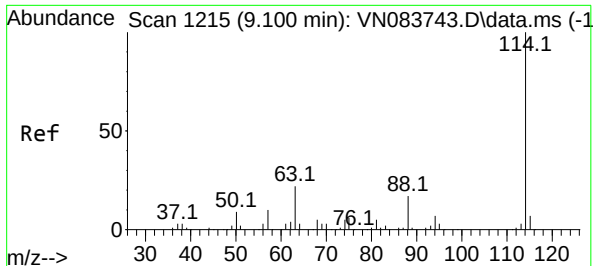
Tgt Ion: 56 Resp: 4309
Ion Ratio Lower Upper
56 100
69 170.4 26.9 40.3#
84 131.7 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 52.151 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

Tgt Ion: 65 Resp: 125870
Ion Ratio Lower Upper
65 100
67 49.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083933.D

Acq: 17 Sep 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

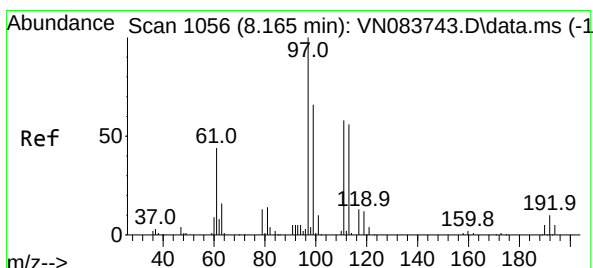
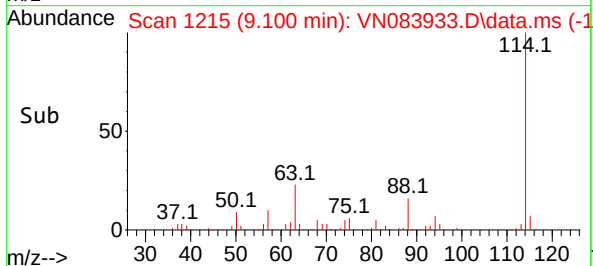
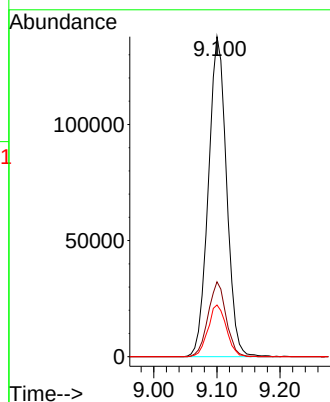
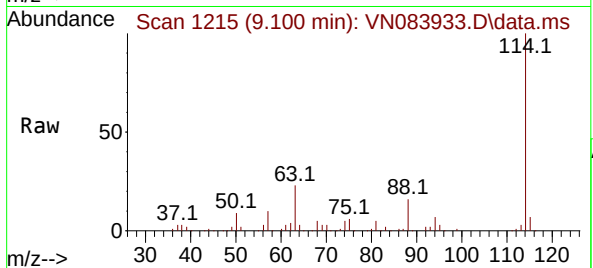
Tgt Ion:114 Resp: 275586

Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.4

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.413 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083933.D

Acq: 17 Sep 2024 10:09

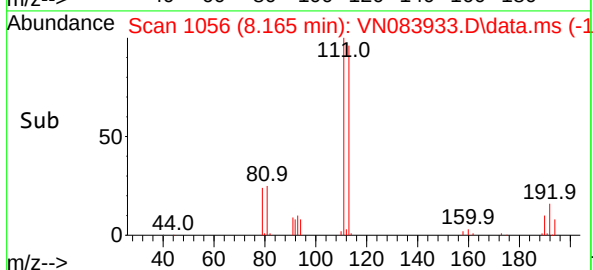
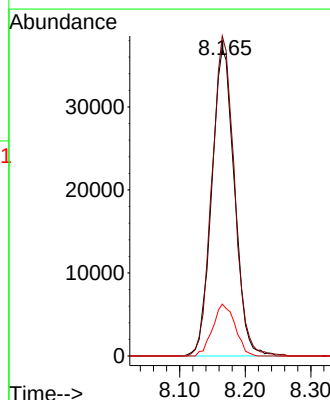
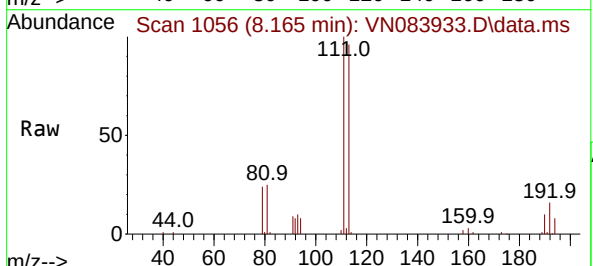
Tgt Ion:113 Resp: 88942

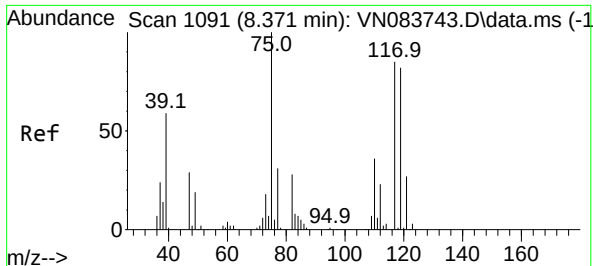
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

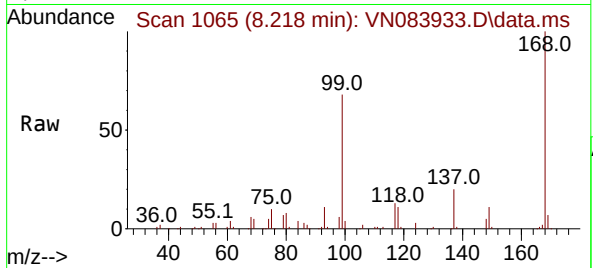
192 16.7 14.3 21.5



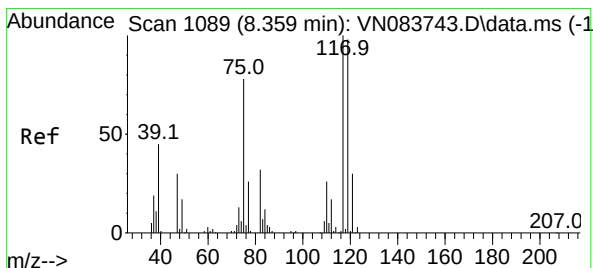
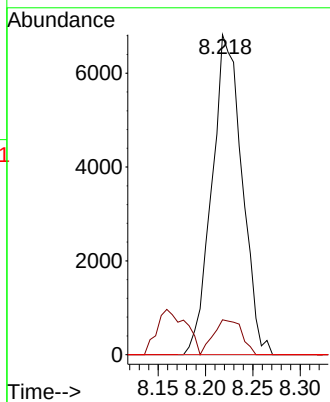
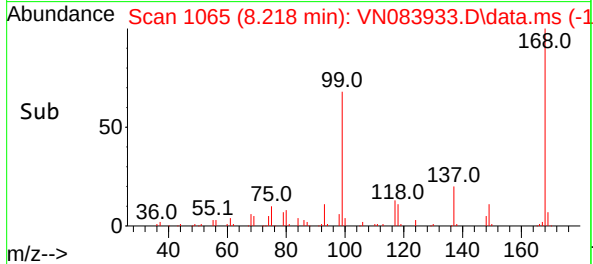


#36
1,1-Dichloropropene
Concen: 5.682 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

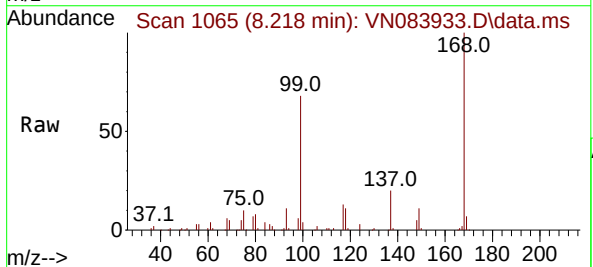
Instrument :
MSVOA_N
ClientSampleId :



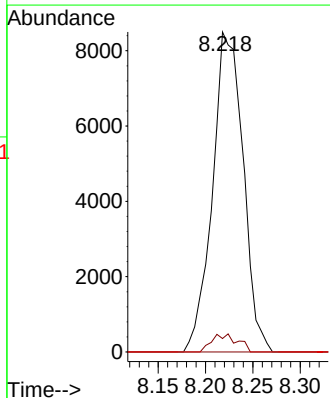
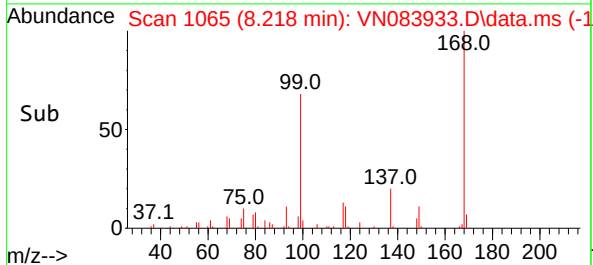
Tgt Ion: 75 Resp: 15089
Ion Ratio Lower Upper
75 100
110 10.2 16.7 50.1#
77 0.0 25.2 37.8#

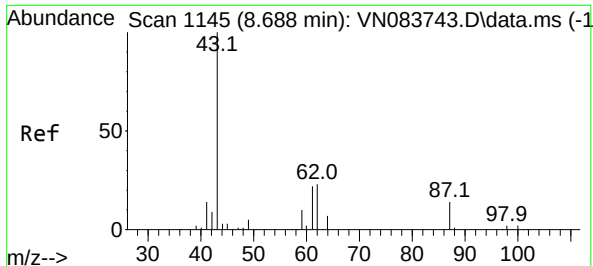


#38
Carbon Tetrachloride
Concen: 6.352 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09



Tgt Ion: 117 Resp: 19135
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.1 36.1#

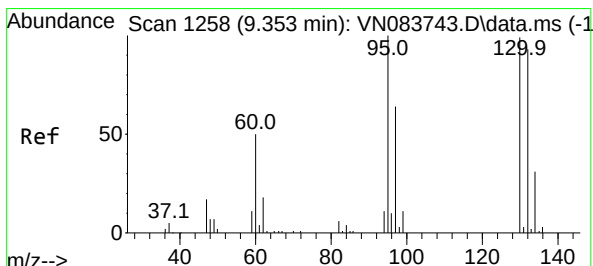
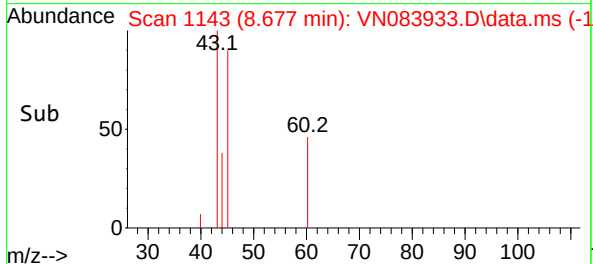
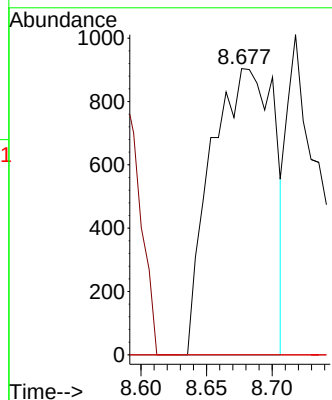
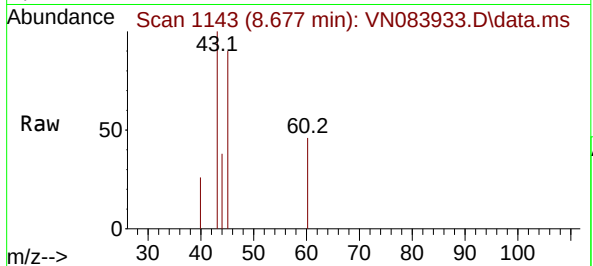




#43
Isopropyl Acetate
Concen: 0.696 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

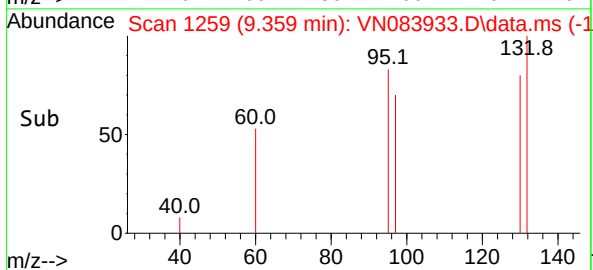
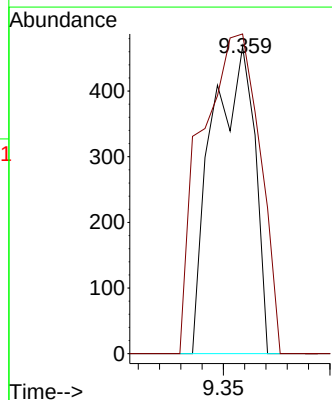
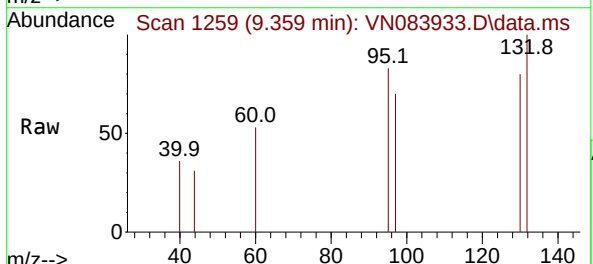
Instrument :
MSVOA_N
ClientSampleId :

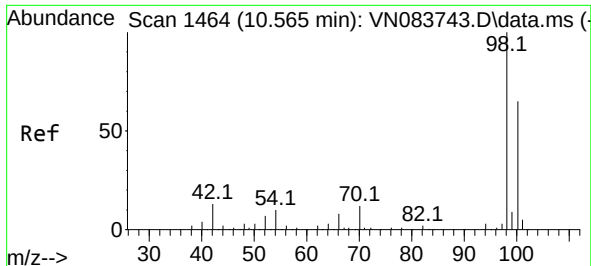
Tgt Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.352 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

Tgt Ion:130 Resp: 652
Ion Ratio Lower Upper
130 100
95 104.1 0.0 200.4

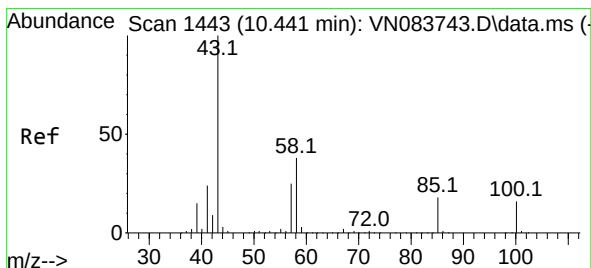
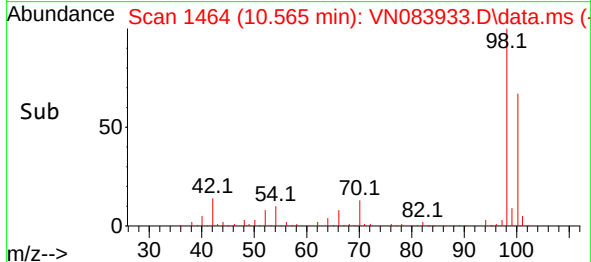
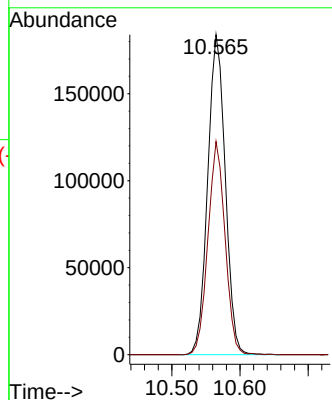
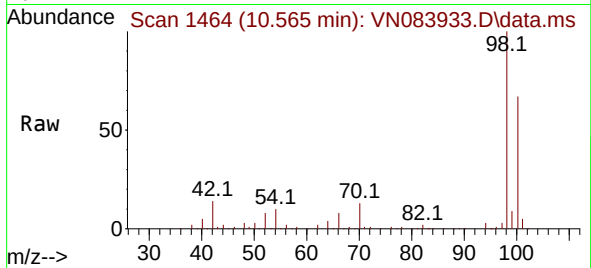




#50
Toluene-d8
Concen: 54.110 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

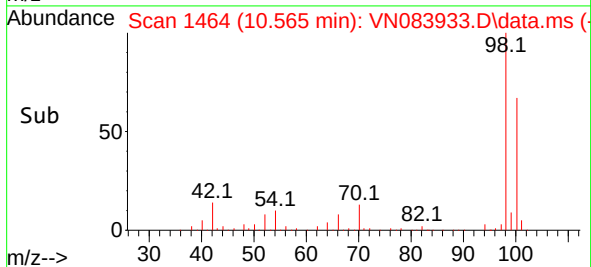
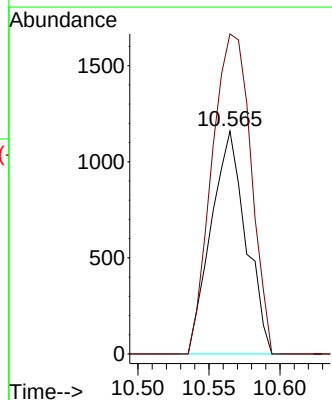
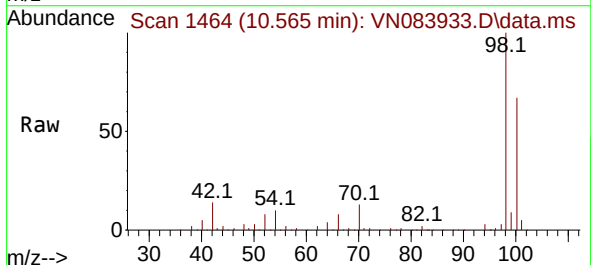
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ClientSampleId :

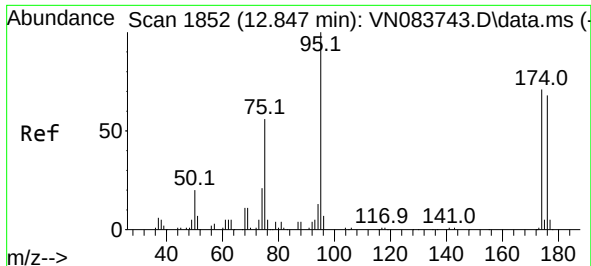
Tgt Ion: 98 Resp: 330028
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.832 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

Tgt Ion: 43 Resp: 1979
Ion Ratio Lower Upper
43 100
58 161.2 31.6 47.4#

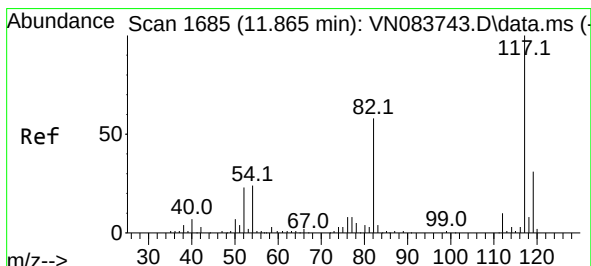
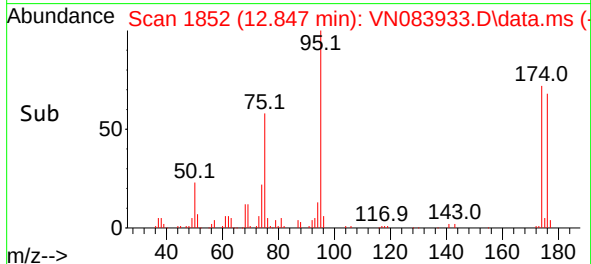
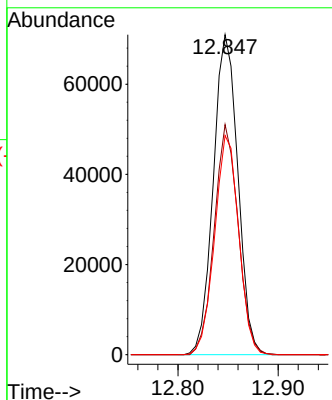
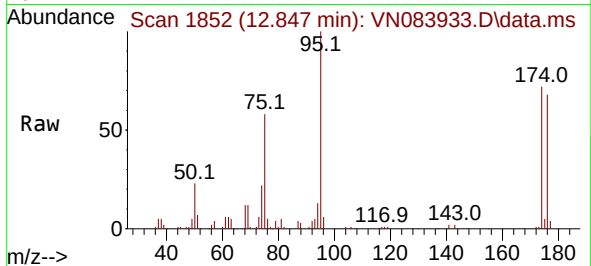




#62
4-Bromofluorobenzene
Concen: 47.955 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

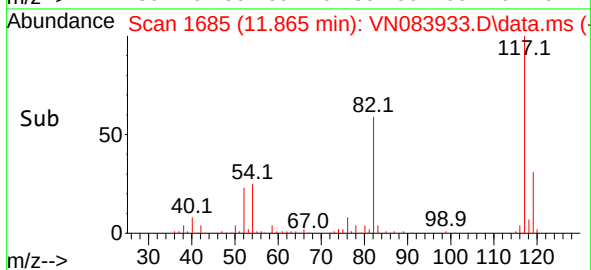
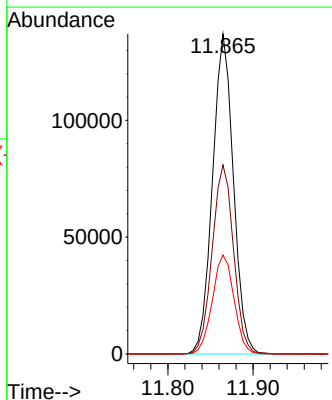
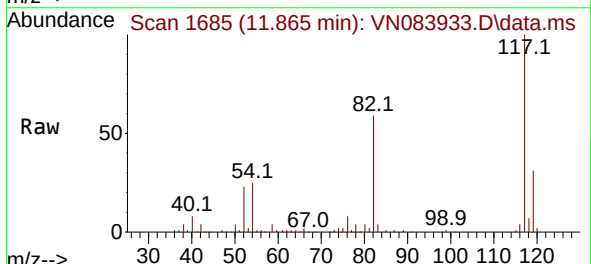
Instrument :
MSVOA_N
ClientSampleId :

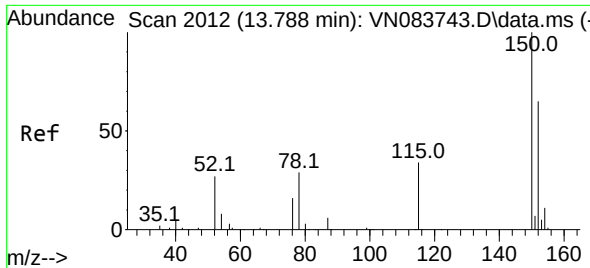
Tgt Ion: 95 Resp: 120672
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 67.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

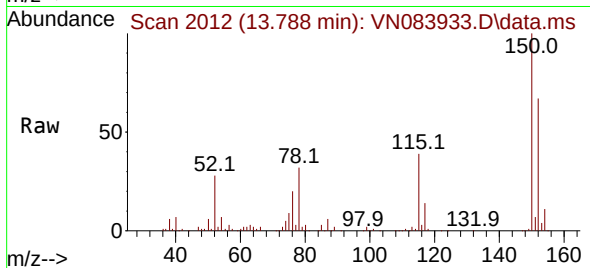
Tgt Ion: 117 Resp: 233129
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 30.9 26.3 39.5



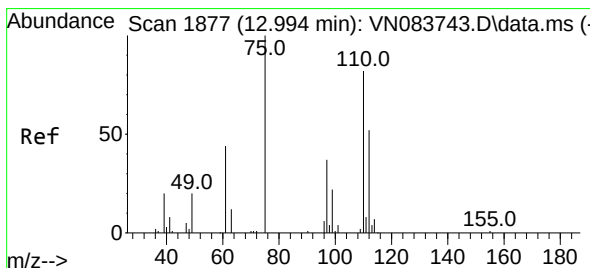
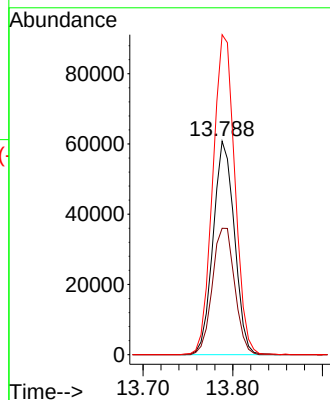
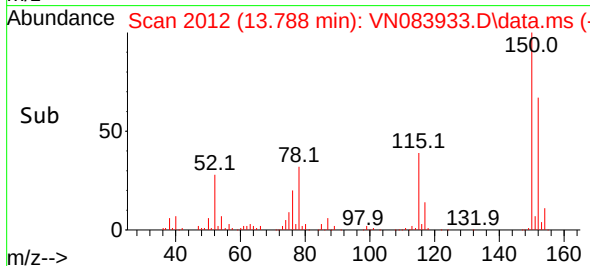


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083933.D
 Acq: 17 Sep 2024 10:09

Instrument :
 MSVOA_N
 ClientSampleId :

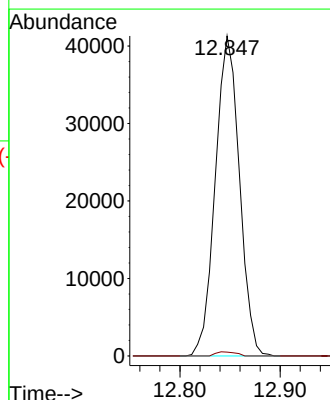
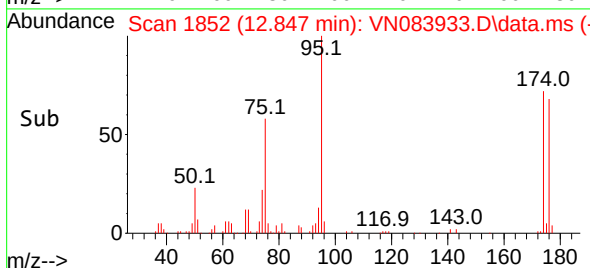
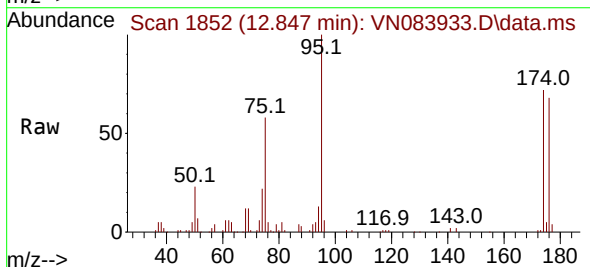


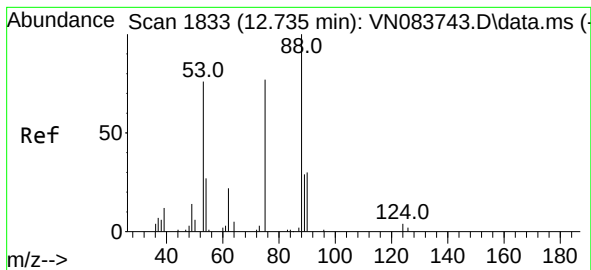
Tgt Ion:152 Resp: 100176
 Ion Ratio Lower Upper
 152 100
 115 62.2 32.2 96.6
 150 155.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 34.153 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083933.D
 Acq: 17 Sep 2024 10:09

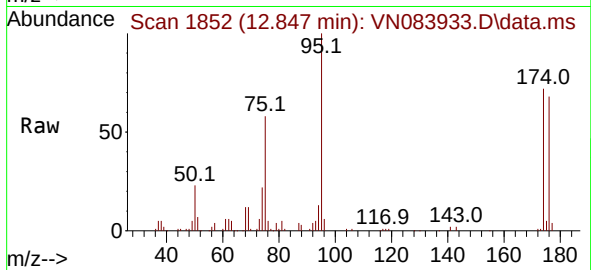
Tgt Ion: 75 Resp: 69036
 Ion Ratio Lower Upper
 75 100
 77 1.1 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.450 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 69036
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

