

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083948.D
 Acq On : 17 Sep 2024 16:17
 Operator : JC\MD
 Sample : P3996-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 01:51:32 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)

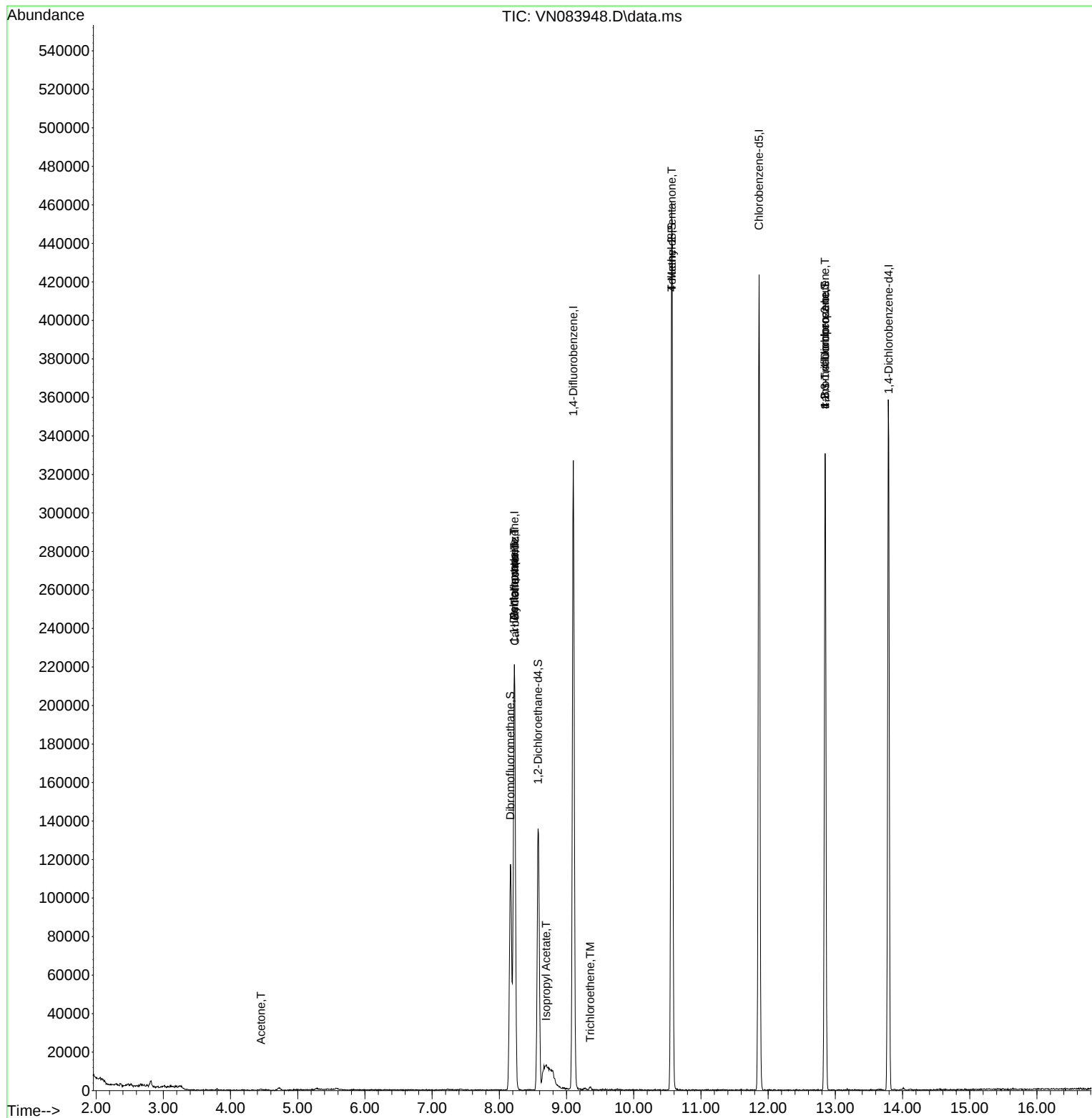
Internal Standards						
1) Pentafluorobenzene	8.224	168	150524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117817	51.909	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.820%	
35) Dibromofluoromethane	8.165	113	82684	49.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.080%	
50) Toluene-d8	10.565	98	309955	53.719	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.440%	
62) 4-Bromofluorobenzene	12.847	95	111996	47.047	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1018	Below Cal		95
16) Acetone	4.453	43	991	1.089 ug/l	#	45
18) Methyl Acetate	5.012	43	176	Below Cal	#	52
31) Cyclohexane	8.224	56	4074	1.242 ug/l	#	15
36) 1,1-Dichloropropene	8.218	75	14321	5.701 ug/l	#	50
38) Carbon Tetrachloride	8.230	117	17797	6.245 ug/l	#	15
43) Isopropyl Acetate	8.694	43	18591	4.499 ug/l	#	58
44) Trichloroethene	9.353	130	614	0.351 ug/l		82
51) 4-Methyl-2-Pentanone	10.565	43	2100	0.934 ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	64018	34.971 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64018	91.591 ug/l	#	9

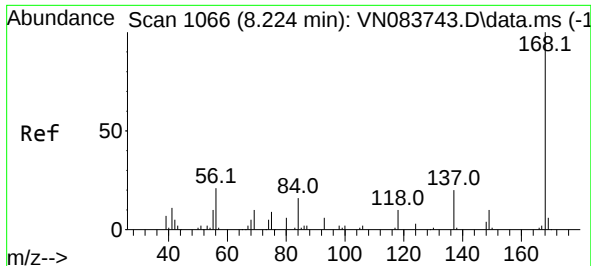
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
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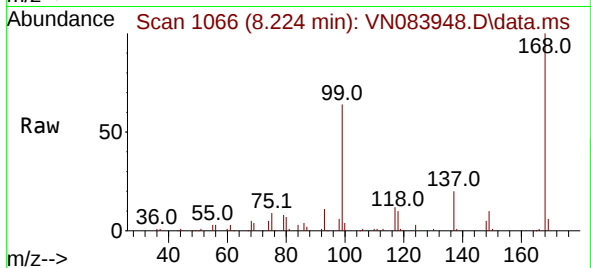
Quant Time: Sep 18 01:51:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



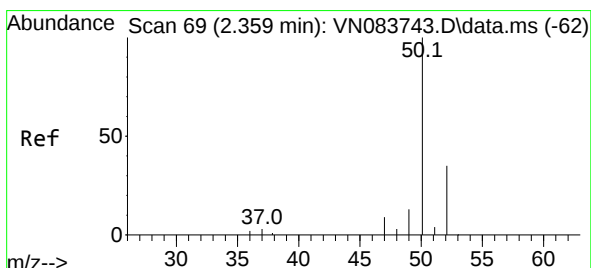
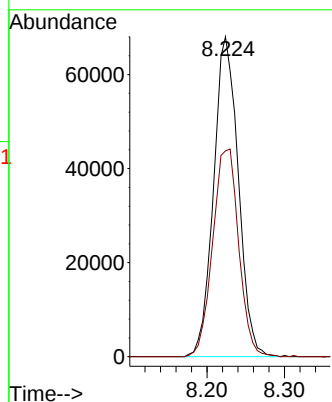
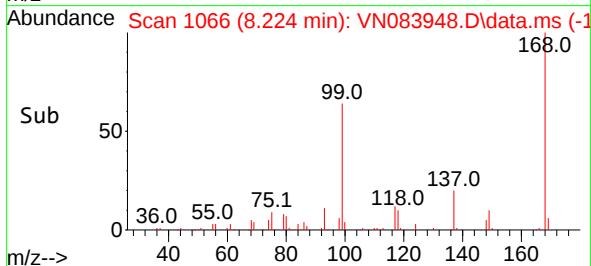


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083948.D
Acq: 17 Sep 2024 16:17

Instrument :
MSVOA_N
ClientSampleId :

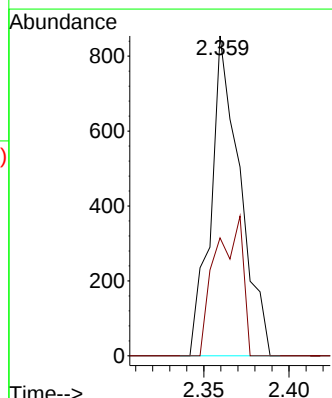
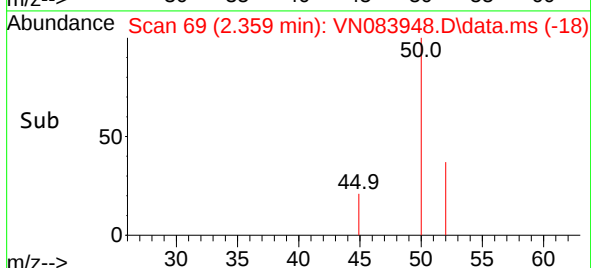
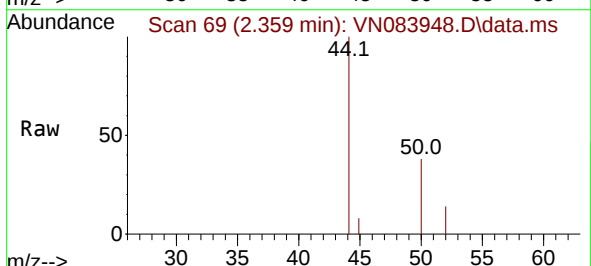


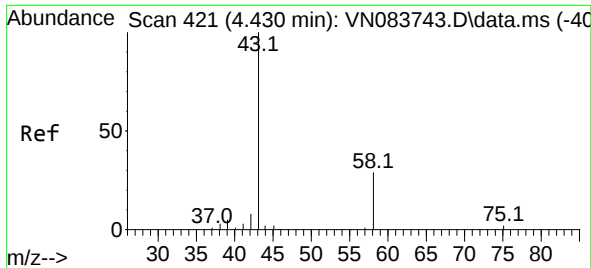
Tgt Ion:168 Resp: 150524
Ion Ratio Lower Upper
168 100
99 64.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083948.D
Acq: 17 Sep 2024 16:17

Tgt Ion: 50 Resp: 1018
Ion Ratio Lower Upper
50 100
52 36.9 27.2 40.8





#16

Acetone

Concen: 1.089 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN083948.D

Acq: 17 Sep 2024 16:17

Instrument :

MSVOA_N

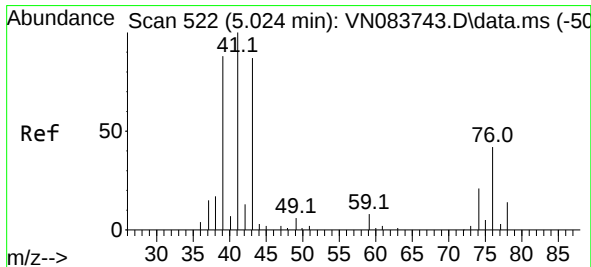
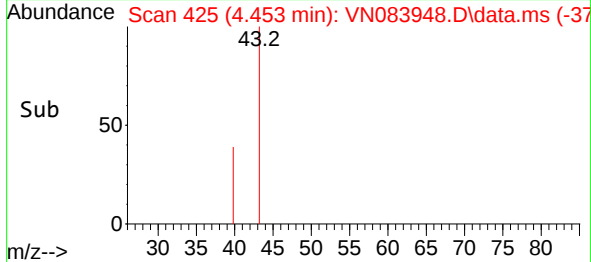
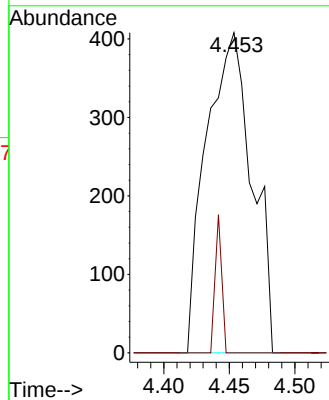
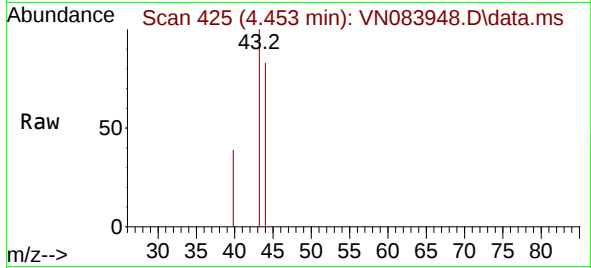
ClientSampleId :

Tgt Ion: 43 Resp: 991

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN083948.D

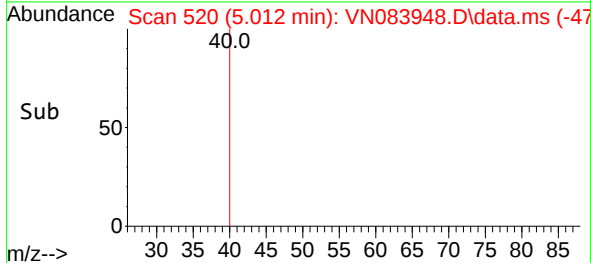
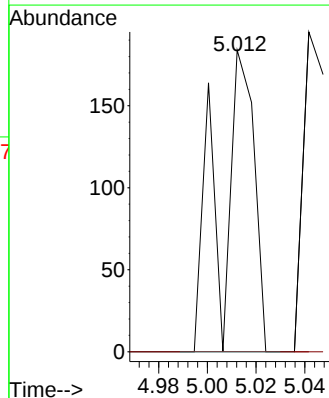
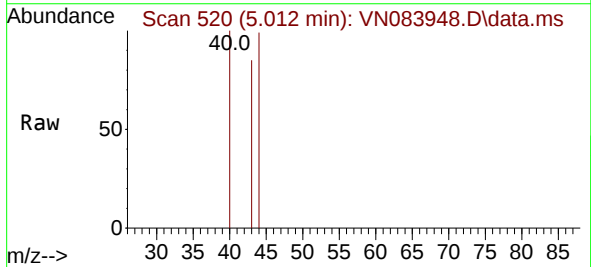
Acq: 17 Sep 2024 16:17

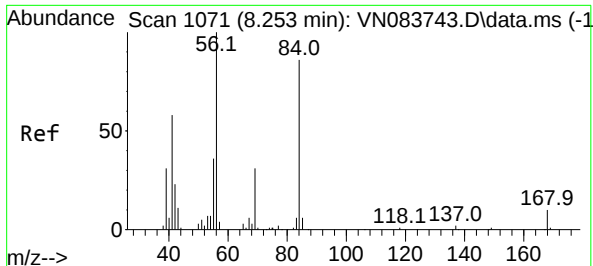
Tgt Ion: 43 Resp: 176

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#





#31

Cyclohexane

Concen: 1.242 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

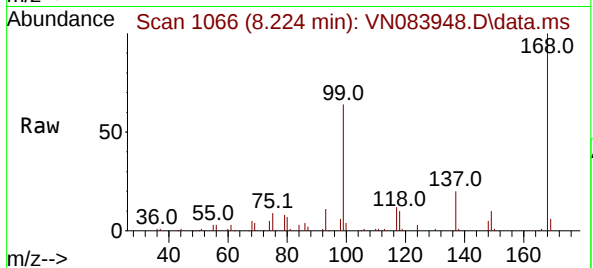
Lab File: VN083948.D

Acq: 17 Sep 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :



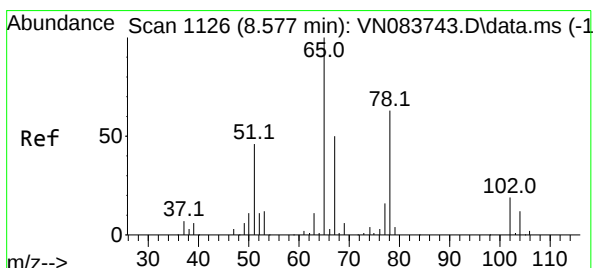
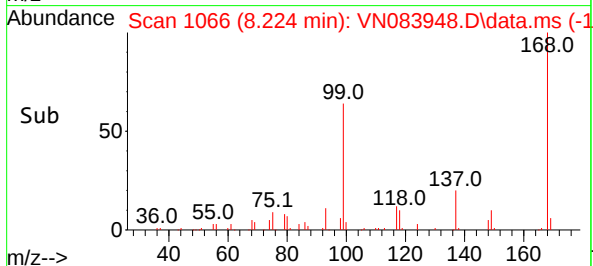
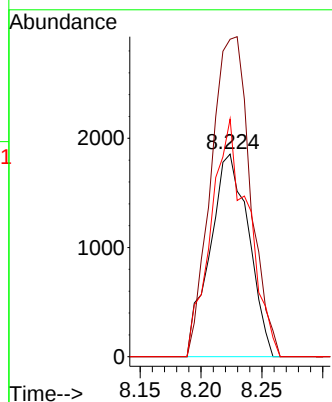
Tgt Ion: 56 Resp: 4074

Ion Ratio Lower Upper

56 100

69 156.7 26.9 40.3#

84 117.3 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 51.909 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083948.D

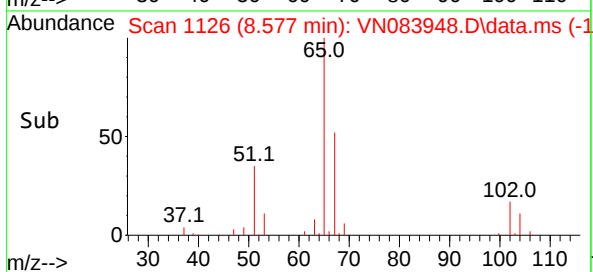
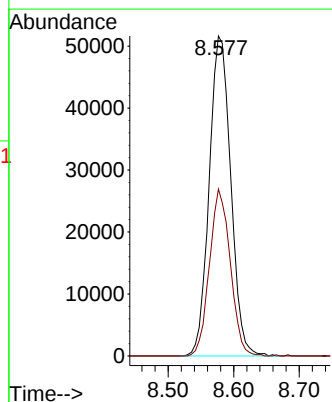
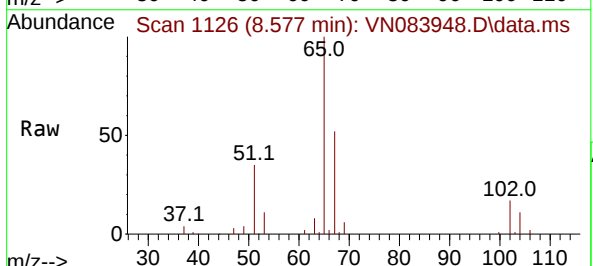
Acq: 17 Sep 2024 16:17

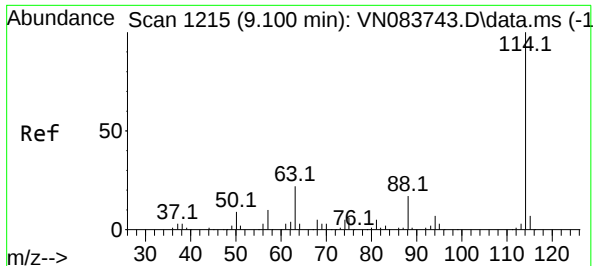
Tgt Ion: 65 Resp: 117817

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083948.D

Acq: 17 Sep 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

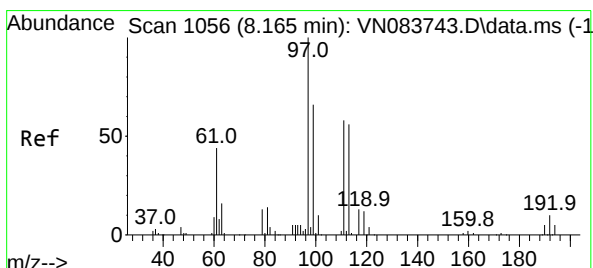
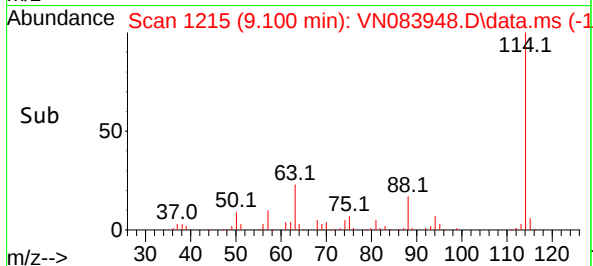
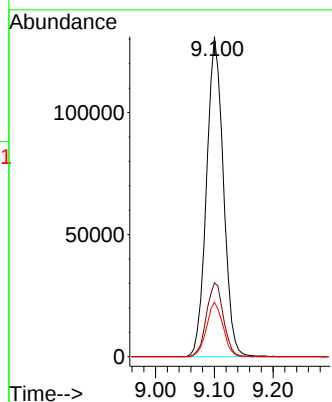
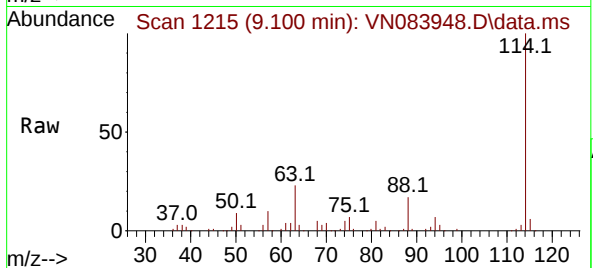
Tgt Ion:114 Resp: 260708

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.540 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083948.D

Acq: 17 Sep 2024 16:17

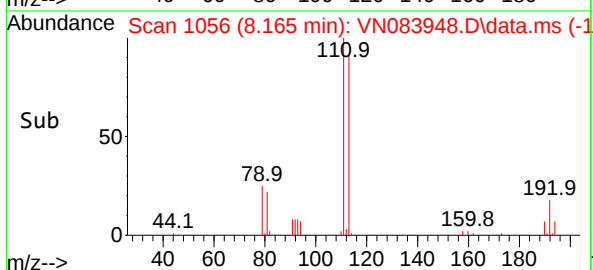
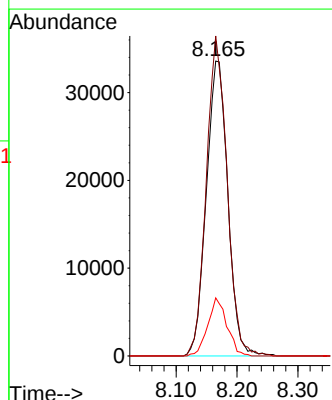
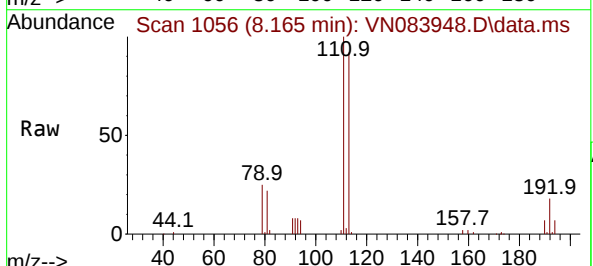
Tgt Ion:113 Resp: 82684

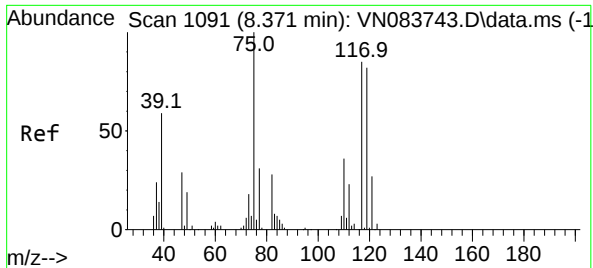
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

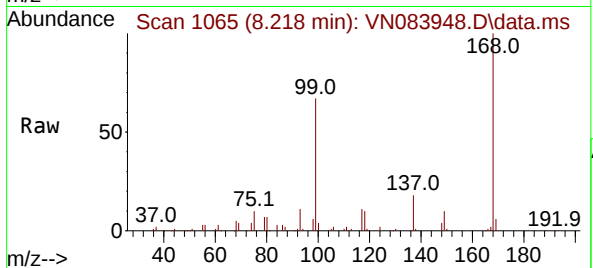
192 17.5 14.3 21.5



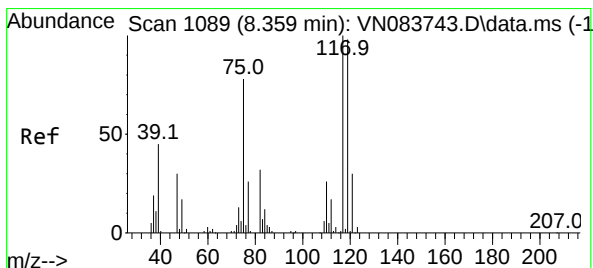
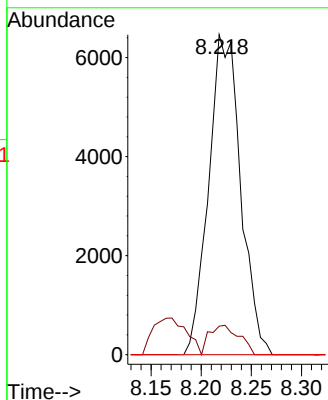
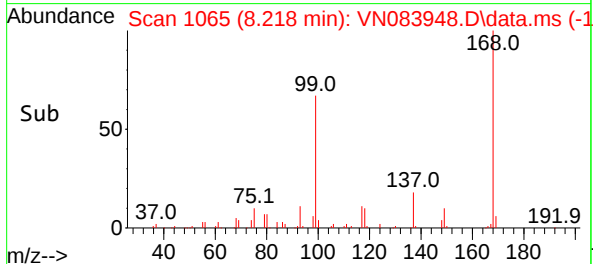


#36
 1,1-Dichloropropene
 Concen: 5.701 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.153 min
 Lab File: VN083948.D
 Acq: 17 Sep 2024 16:17

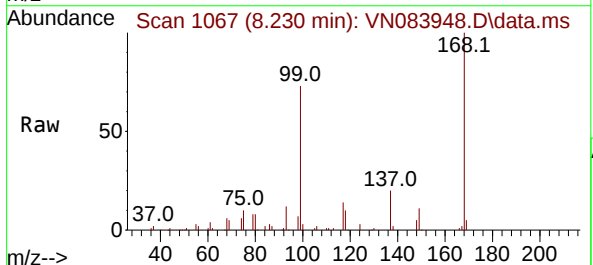
Instrument :
 MSVOA_N
 ClientSampleId :



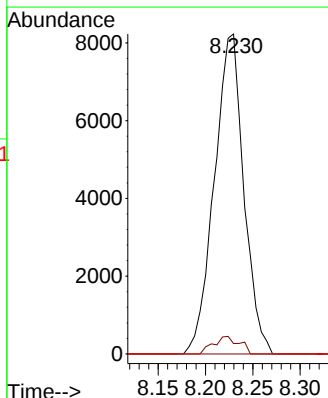
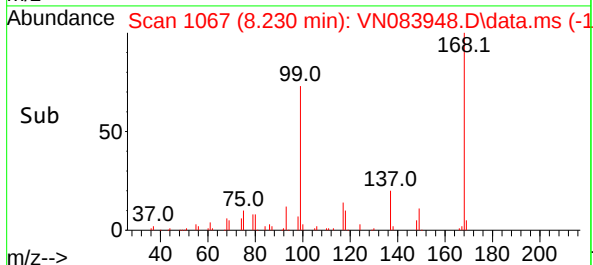
Tgt Ion: 75 Resp: 14321
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.7 50.1#
 77 0.0 25.2 37.8#

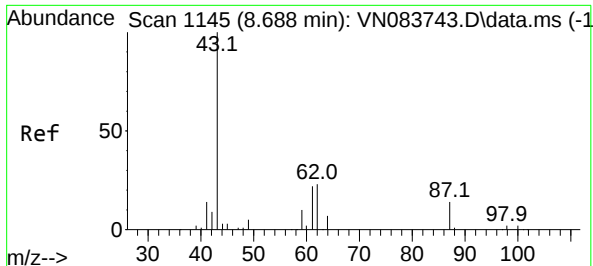


#38
 Carbon Tetrachloride
 Concen: 6.245 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.129 min
 Lab File: VN083948.D
 Acq: 17 Sep 2024 16:17



Tgt Ion: 117 Resp: 17797
 Ion Ratio Lower Upper
 117 100
 119 3.3 76.1 114.1#
 121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 4.499 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

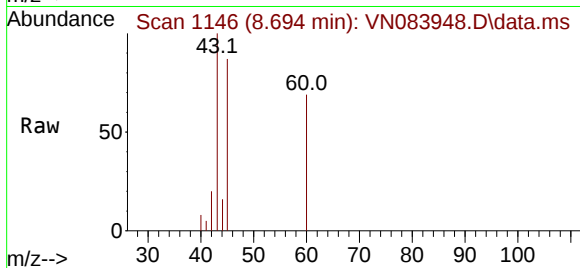
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Acq: 17 Sep 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :



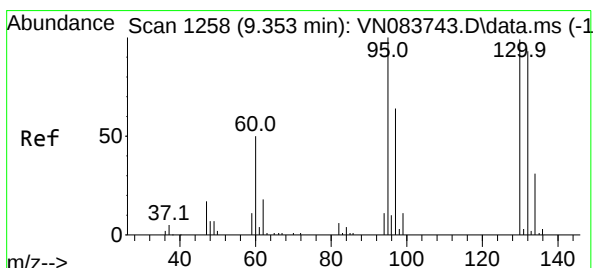
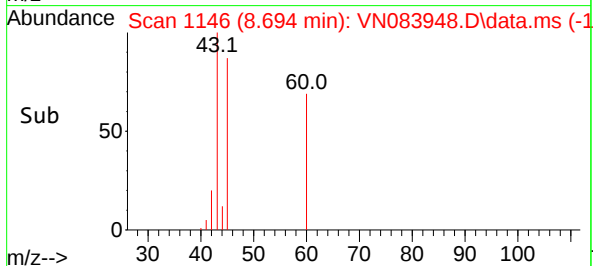
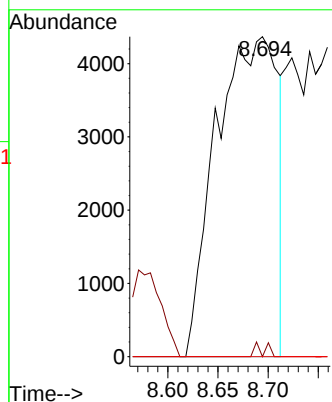
Tgt Ion: 43 Resp: 18591

Ion Ratio Lower Upper

43 100

61 0.7 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.351 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN083948.D

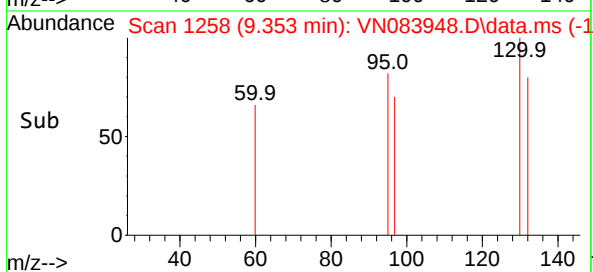
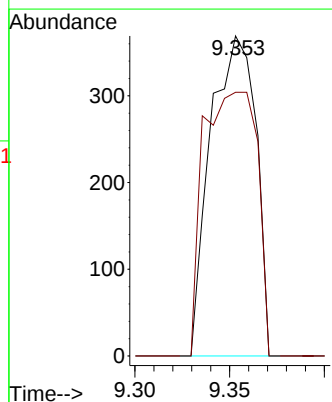
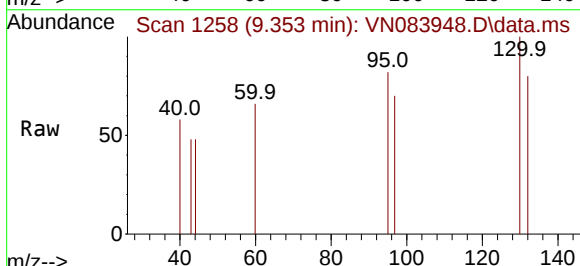
Acq: 17 Sep 2024 16:17

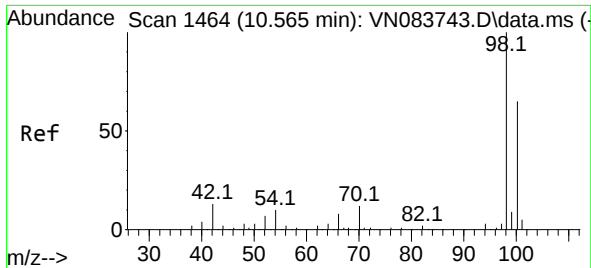
Tgt Ion:130 Resp: 614

Ion Ratio Lower Upper

130 100

95 82.4 0.0 200.4

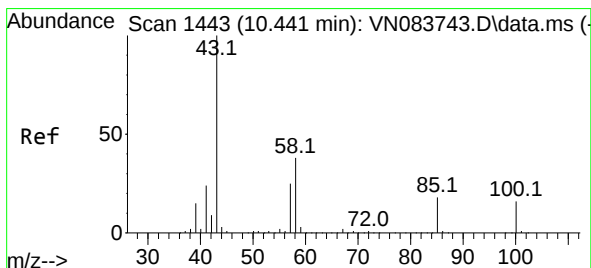
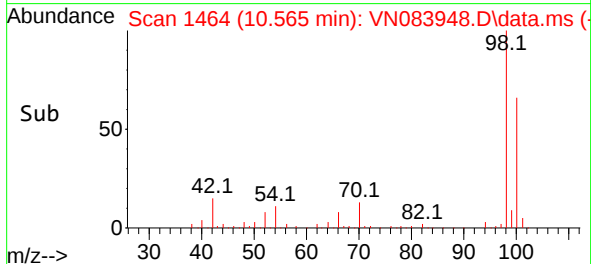
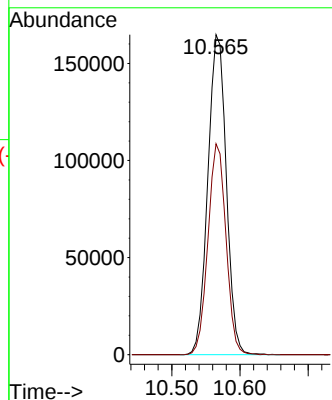
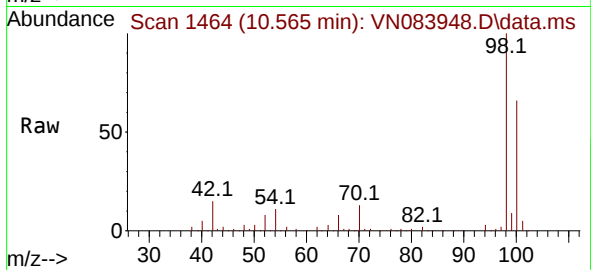




#50
Toluene-d8
Concen: 53.719 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083948.D
Acq: 17 Sep 2024 16:17

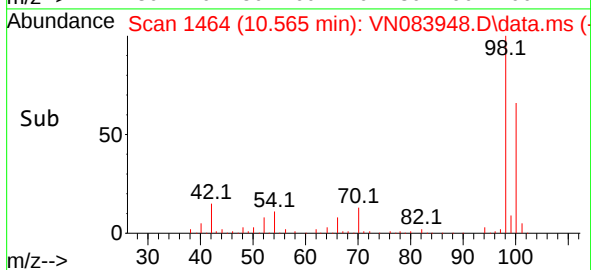
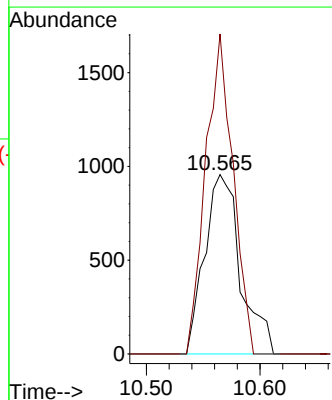
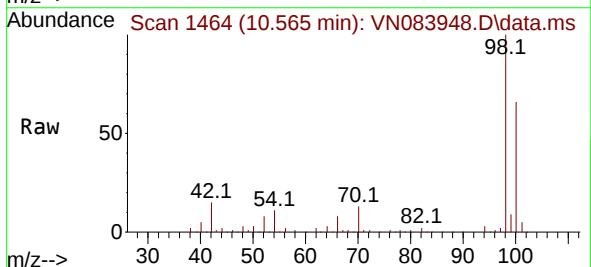
Instrument :
MSVOA_N
ClientSampleId :

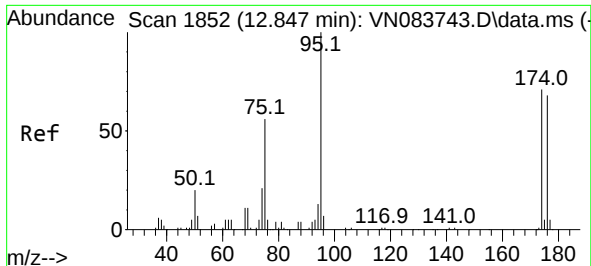
Tgt Ion: 98 Resp: 309955
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.934 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN083948.D
Acq: 17 Sep 2024 16:17

Tgt Ion: 43 Resp: 2100
Ion Ratio Lower Upper
43 100
58 136.3 31.6 47.4#

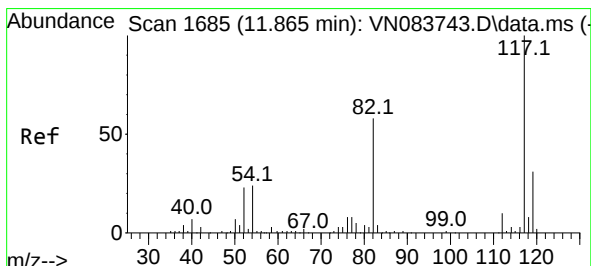
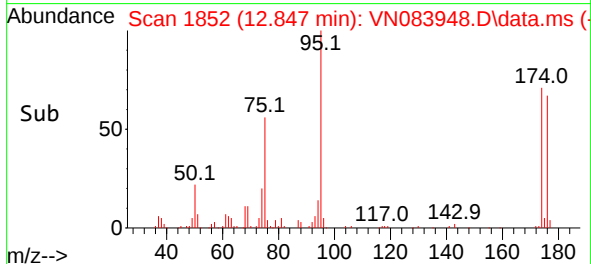
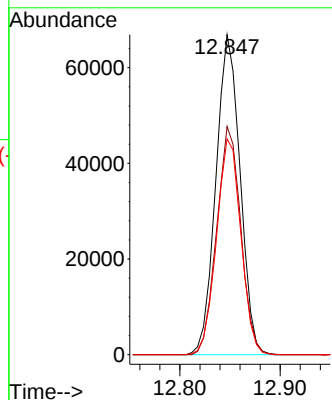
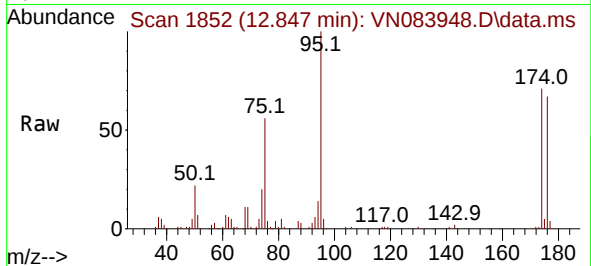




#62
4-Bromofluorobenzene
Concen: 47.047 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083948.D
Acq: 17 Sep 2024 16:17

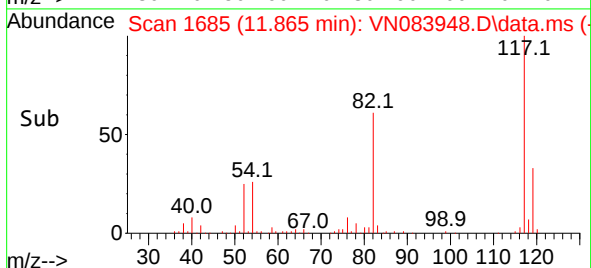
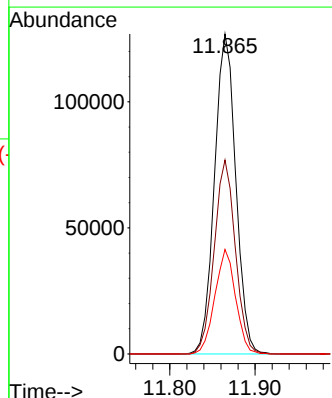
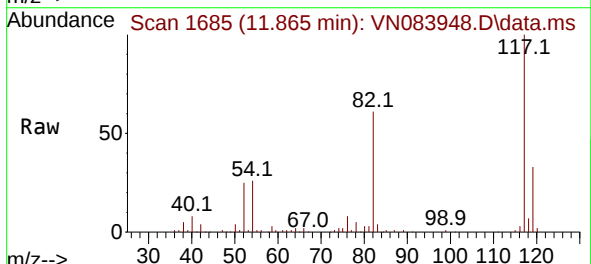
Instrument :
MSVOA_N
ClientSampleId :

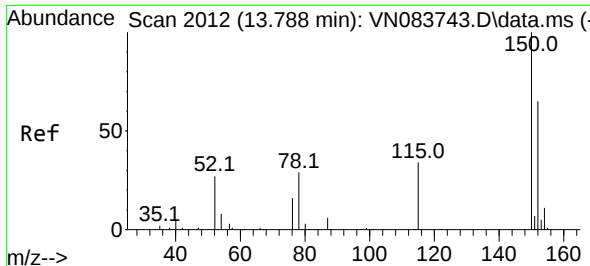
Tgt Ion: 95 Resp: 111996
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 67.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083948.D
Acq: 17 Sep 2024 16:17

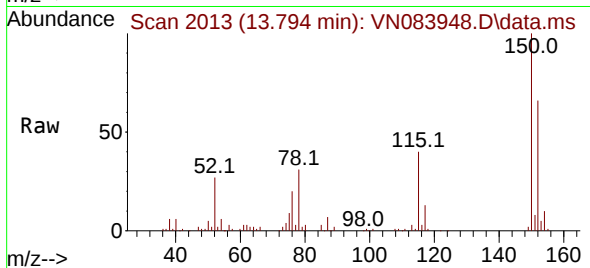
Tgt Ion: 117 Resp: 220536
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.0
119 32.7 26.3 39.5



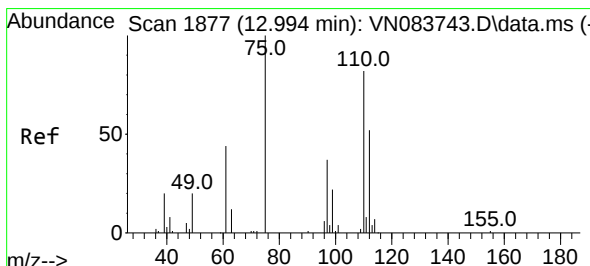
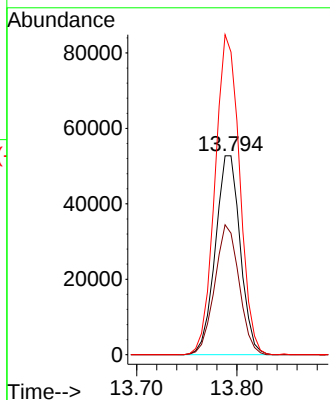
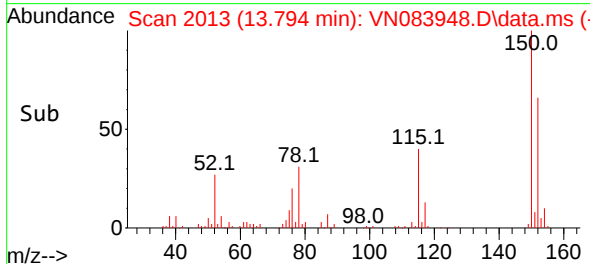


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN083948.D
Acq: 17 Sep 2024 16:17

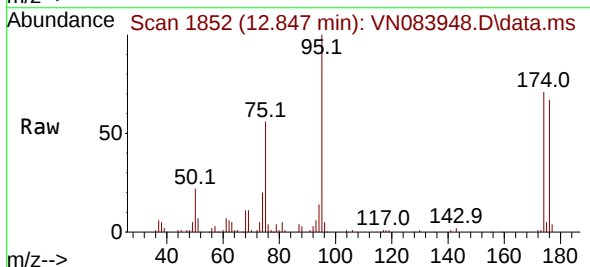
Instrument :
MSVOA_N
ClientSampleId :



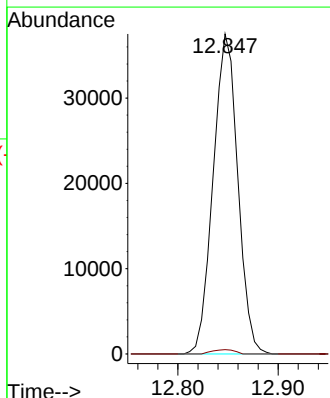
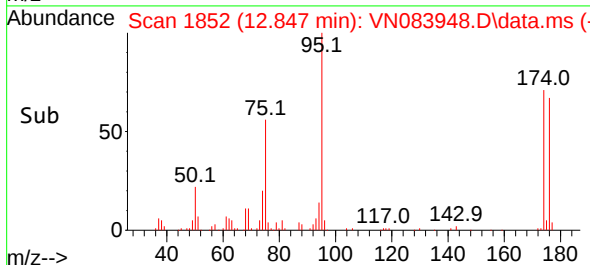
Tgt Ion:152 Resp: 90723
Ion Ratio Lower Upper
152 100
115 64.1 32.2 96.6
150 159.2 0.0 348.6

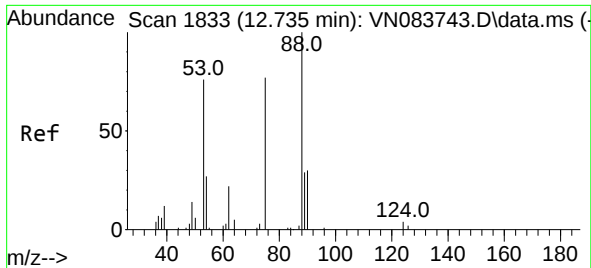


#76
1,2,3-Trichloropropane
Concen: 34.971 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083948.D
Acq: 17 Sep 2024 16:17



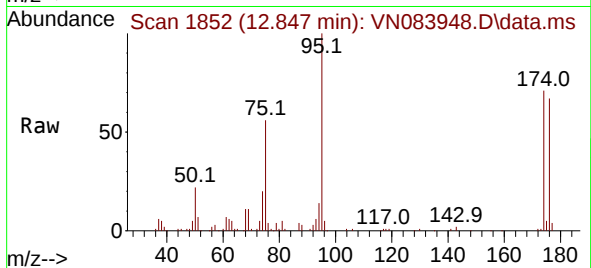
Tgt Ion: 75 Resp: 64018
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.591 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083948.D
Acq: 17 Sep 2024 16:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 64018
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

