

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083882.D
 Acq On : 14 Sep 2024 11:57
 Operator : JC\MD
 Sample : VN0914WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:31:26 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)

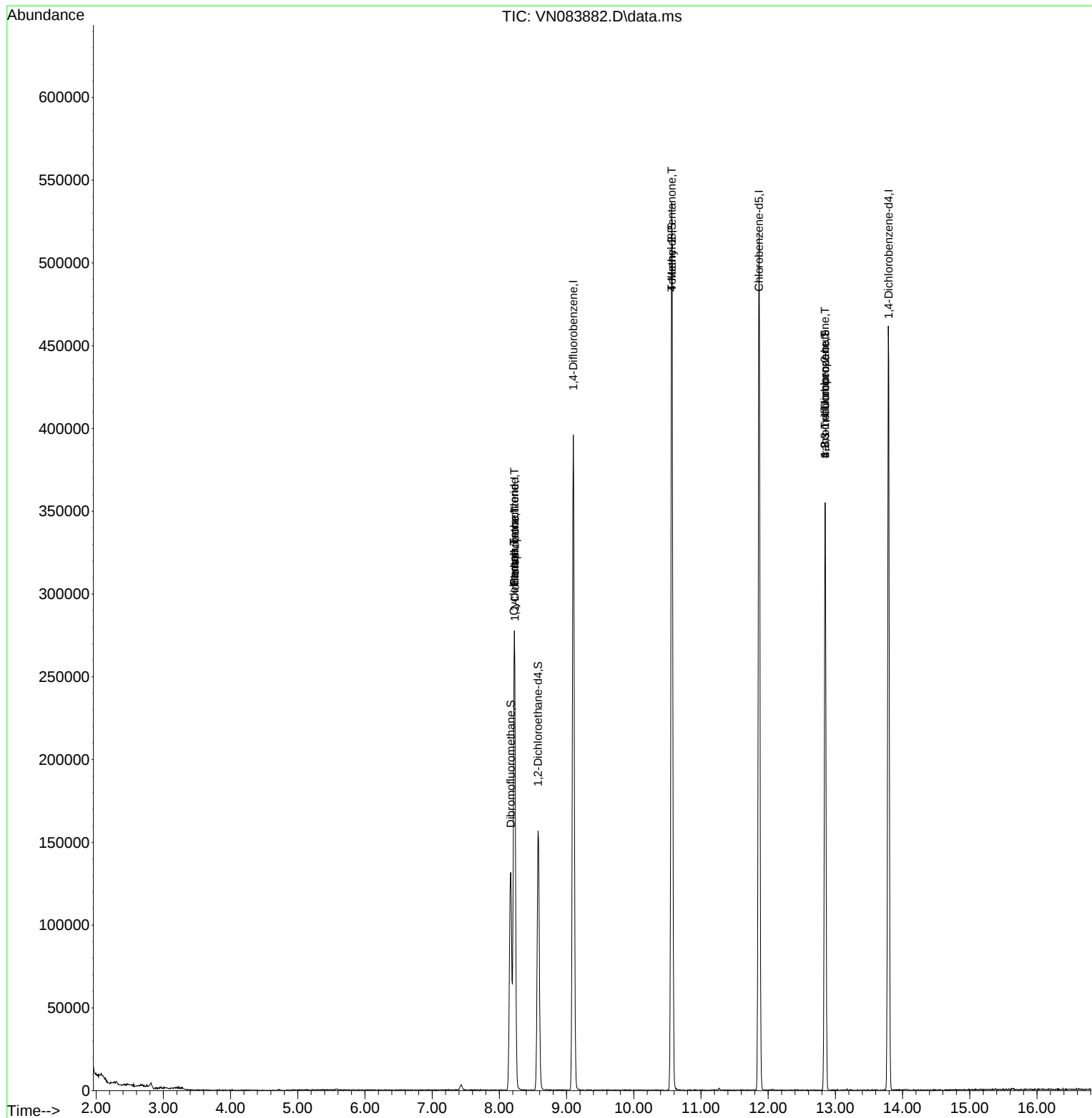
Internal Standards						
1) Pentafluorobenzene	8.224	168	188425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135713	47.766	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.540%
35) Dibromofluoromethane	8.171	113	95470	46.355	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.720%
50) Toluene-d8	10.565	98	353726	49.681	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.847	95	120749	41.106	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	176	Below Cal	#	41
31) Cyclohexane	8.218	56	5193	1.265	ug/l #	47
36) 1,1-Dichloropropene	8.230	75	17843	5.756	ug/l #	50
38) Carbon Tetrachloride	8.224	117	21630	6.150	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1514	0.545	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	67590	28.983	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67590	75.909	ug/l #	9

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

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

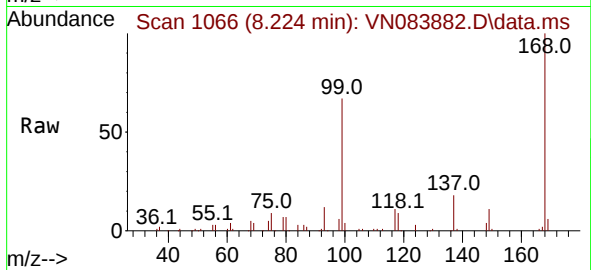
Quant Time: Sep 16 01:31:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



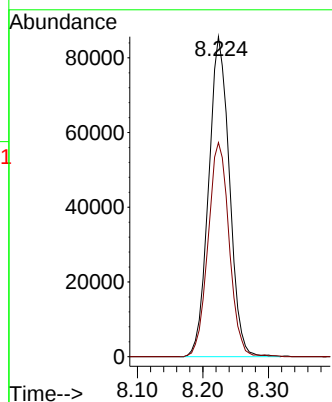
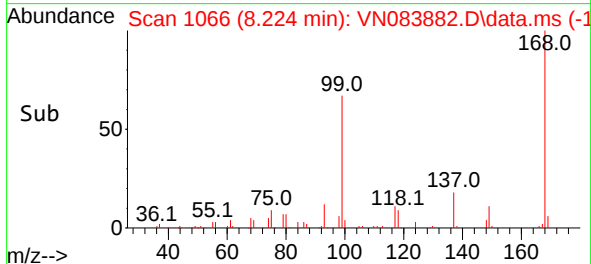


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :

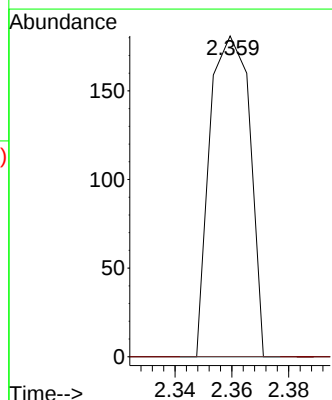
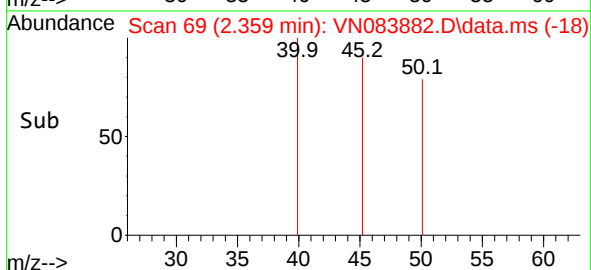
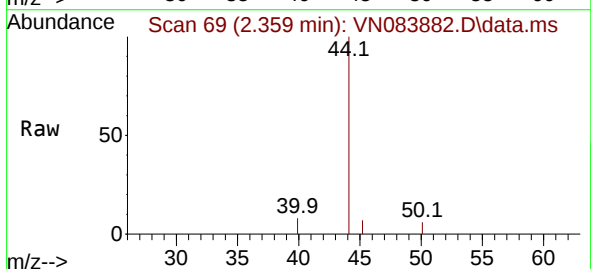


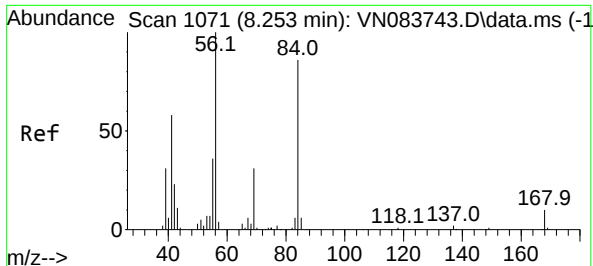
Tgt Ion:168 Resp: 188425
Ion Ratio Lower Upper
168 100
99 66.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

Tgt Ion: 50 Resp: 176
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#31

Cyclohexane

Concen: 1.265 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

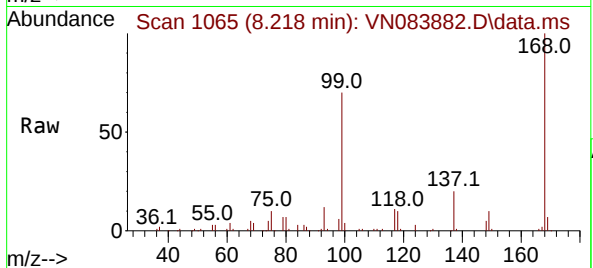
Lab File: VN083882.D

Acq: 14 Sep 2024 11:57

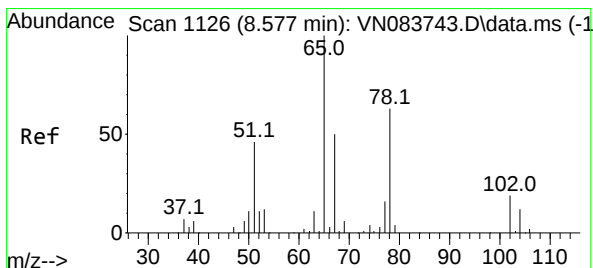
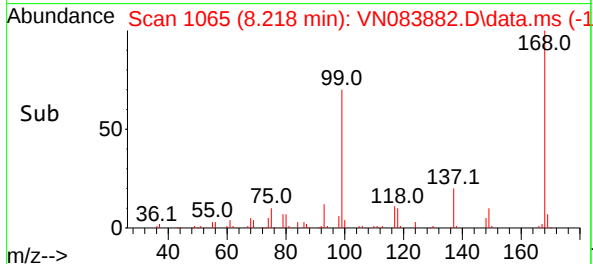
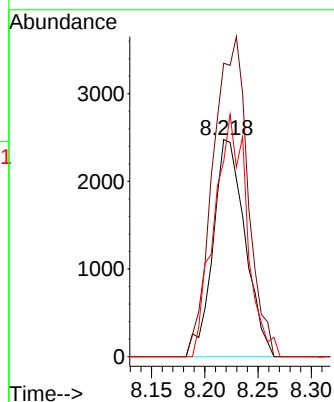
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	5193
Ion Ratio	100	Lower	Upper
56	100		
69	135.2	26.9	40.3
84	90.0	69.2	103.8



#33

1,2-Dichloroethane-d4

Concen: 47.766 ug/l

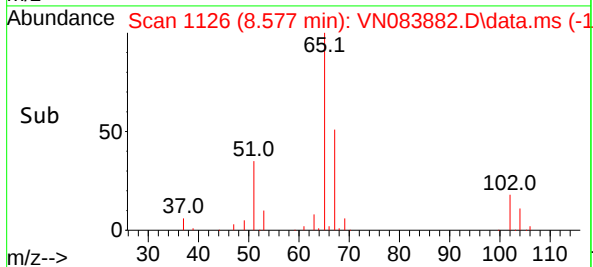
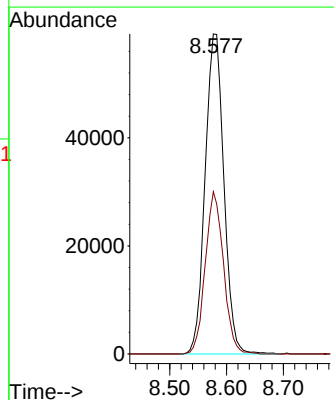
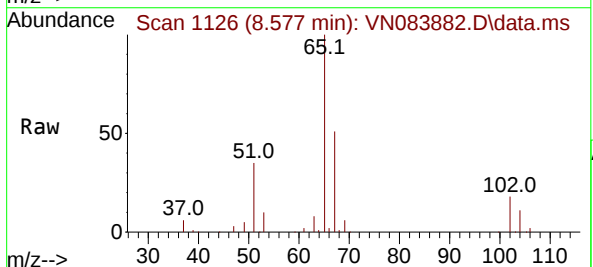
RT: 8.577 min Scan# 1126

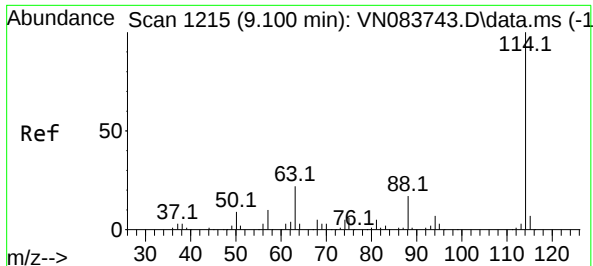
Delta R.T. -0.000 min

Lab File: VN083882.D

Acq: 14 Sep 2024 11:57

Tgt Ion:	65	Resp:	135713
Ion Ratio	100	Lower	Upper
65	100		
67	49.3	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: VN083882.D

Acq: 14 Sep 2024 11:57

Instrument :

MSVOA_N

ClientSampleId :

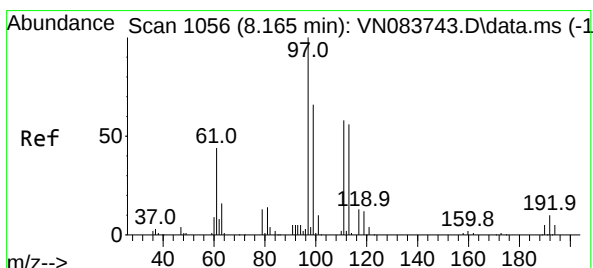
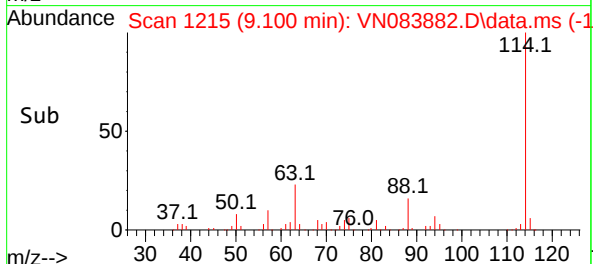
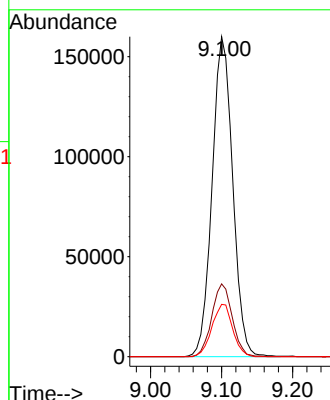
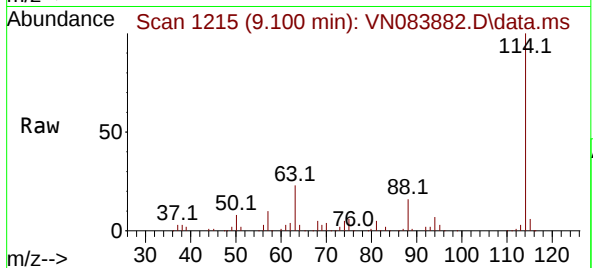
Tgt Ion:114 Resp: 321709

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.355 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083882.D

Acq: 14 Sep 2024 11:57

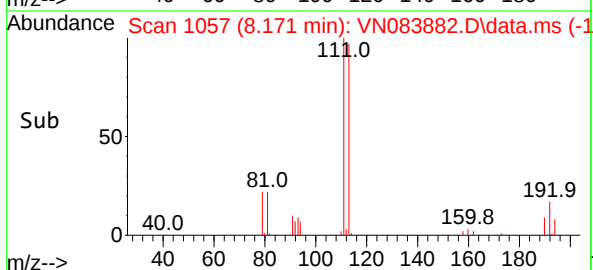
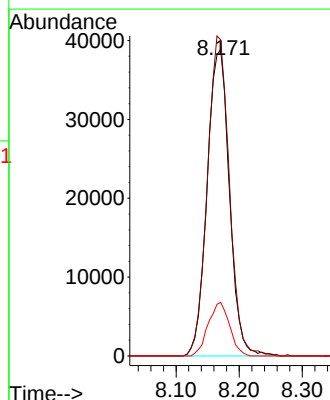
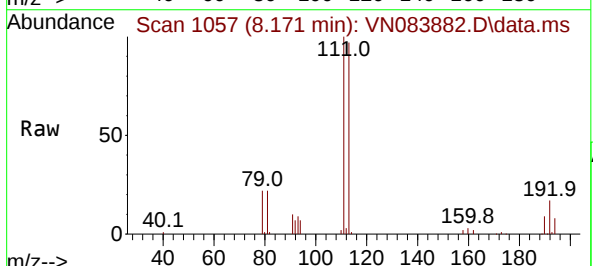
Tgt Ion:113 Resp: 95470

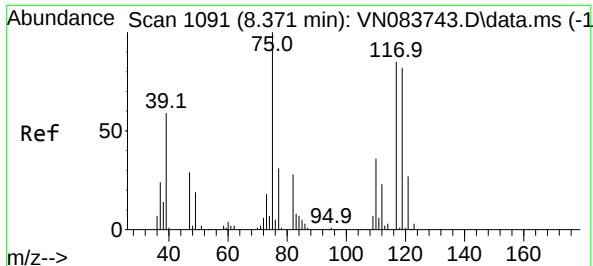
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 16.8 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.756 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

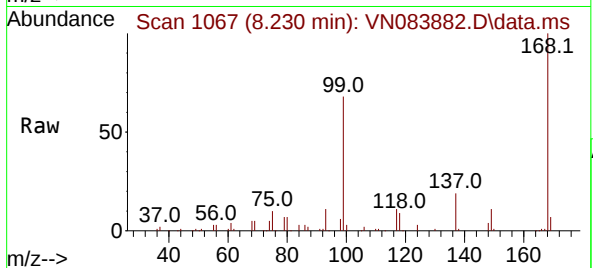
Lab File: VN083882.D

Acq: 14 Sep 2024 11:57

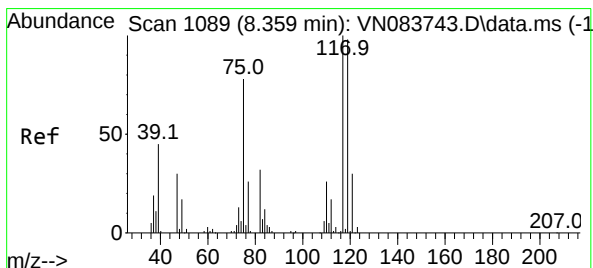
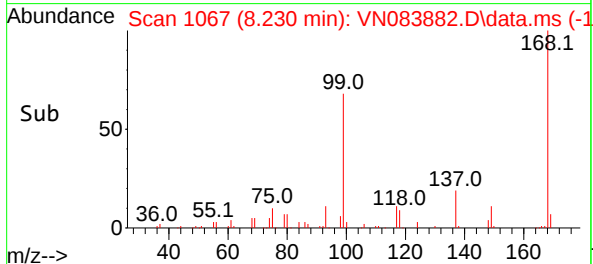
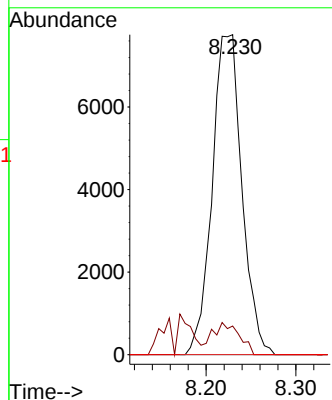
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	17843
Ion Ratio	100	Lower	Upper
75	100		
110	9.1	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.150 ug/l

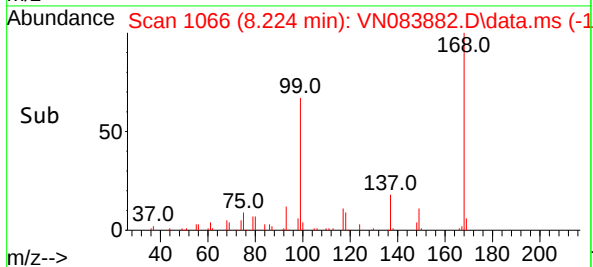
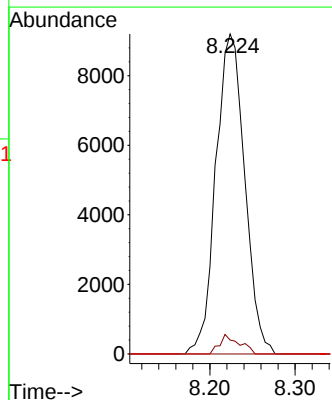
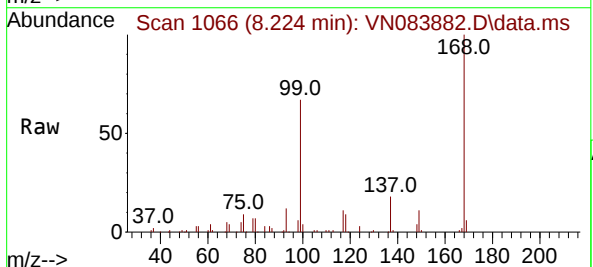
RT: 8.224 min Scan# 1066

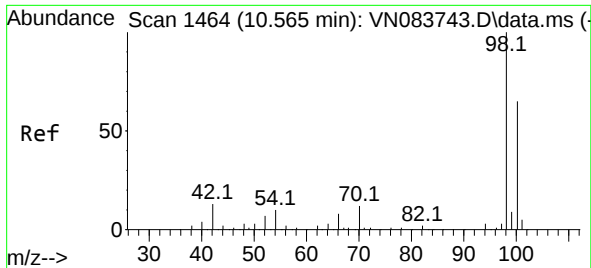
Delta R.T. -0.135 min

Lab File: VN083882.D

Acq: 14 Sep 2024 11:57

Tgt Ion:	117	Resp:	21630
Ion Ratio	100	Lower	Upper
117	100		
119	4.3	76.1	114.1#
121	0.0	24.1	36.1#

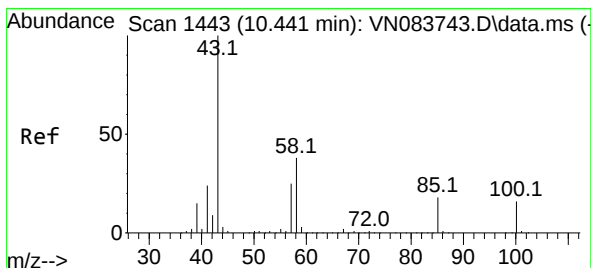
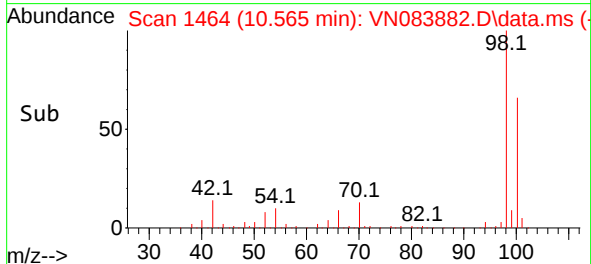
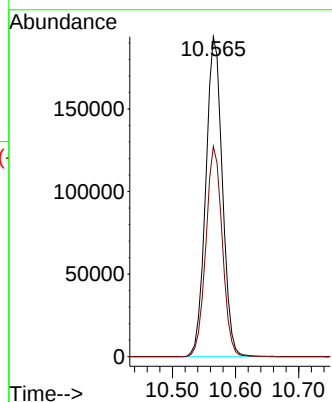
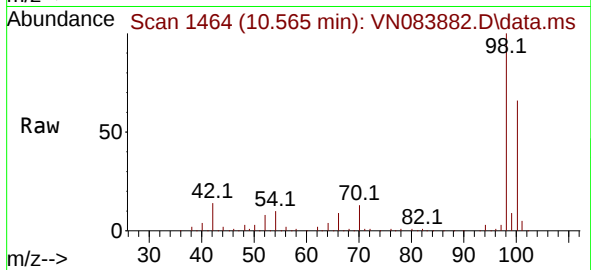




#50
Toluene-d8
Concen: 49.681 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

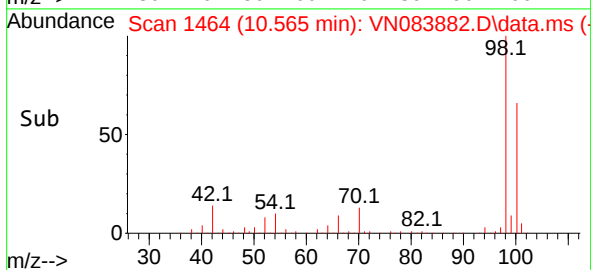
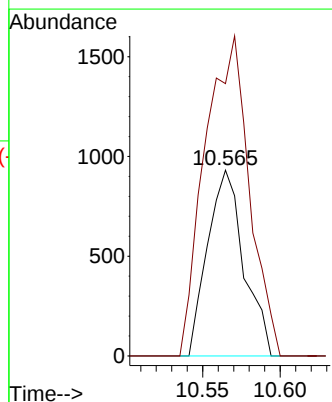
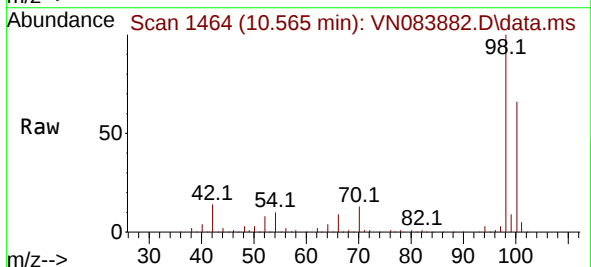
Instrument :
MSVOA_N
ClientSampleId :

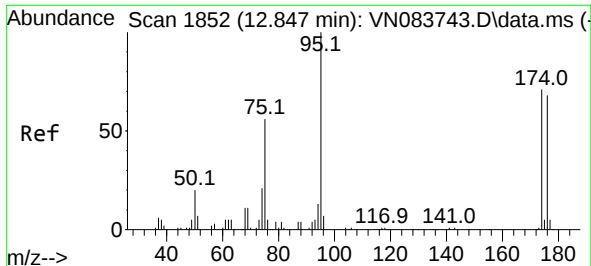
Tgt Ion: 98 Resp: 353726
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.545 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
58 211.0 31.6 47.4#

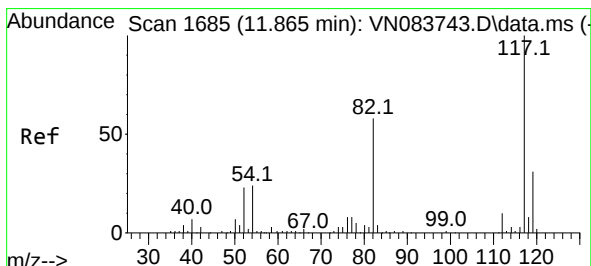
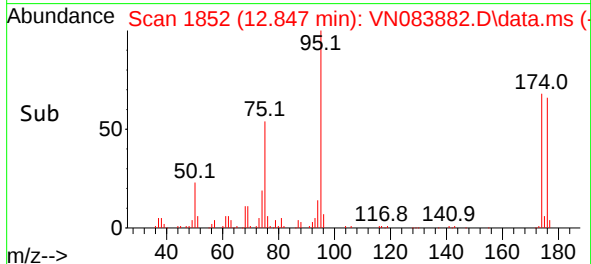
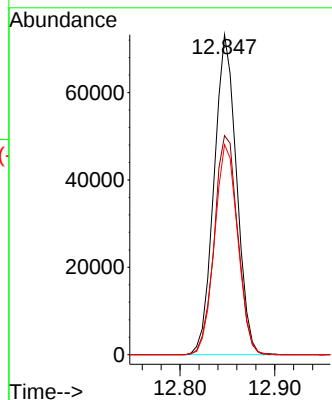
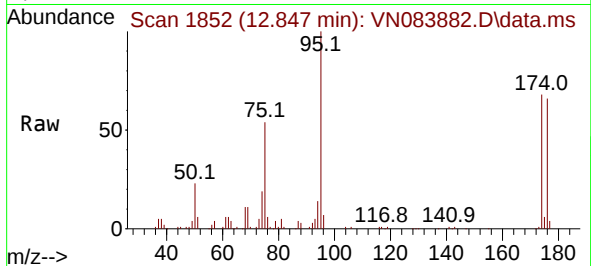




#62
4-Bromofluorobenzene
Concen: 41.106 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

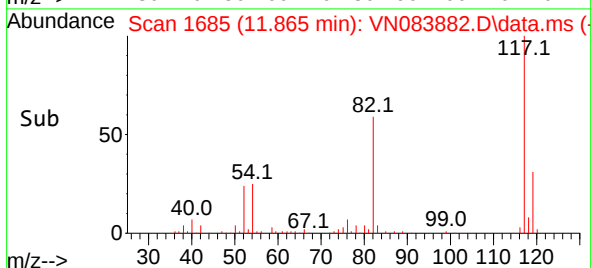
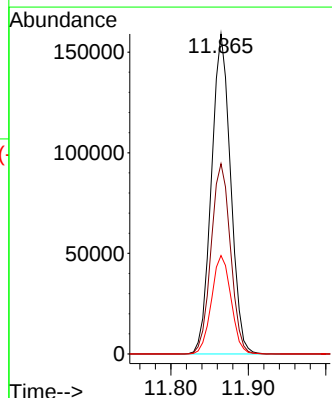
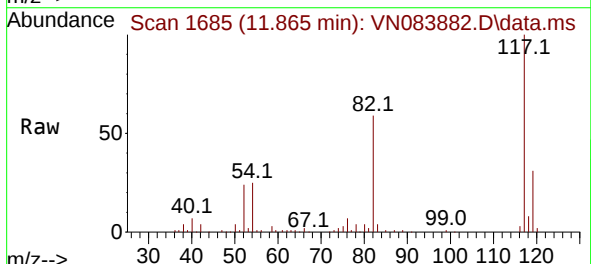
Instrument :
MSVOA_N
ClientSampleId :

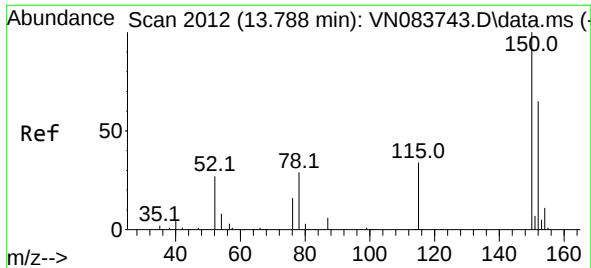
Tgt Ion: 95 Resp: 120749
Ion Ratio Lower Upper
95 100
174 71.6 0.0 139.8
176 68.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

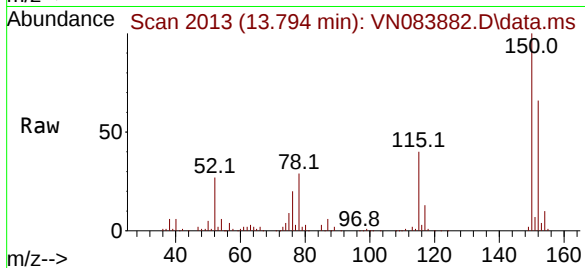
Tgt Ion: 117 Resp: 273204
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 30.7 26.3 39.5



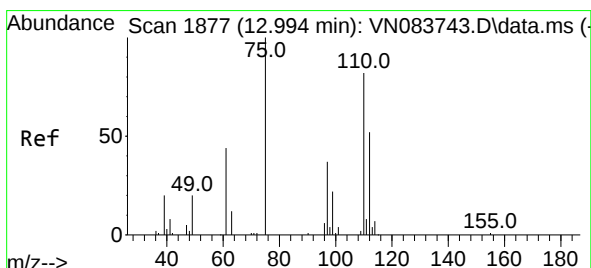
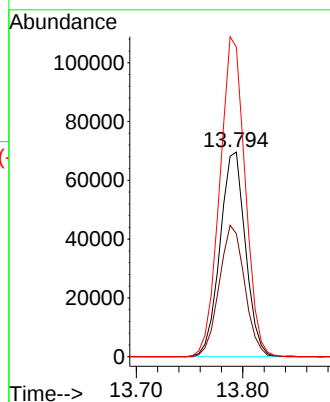
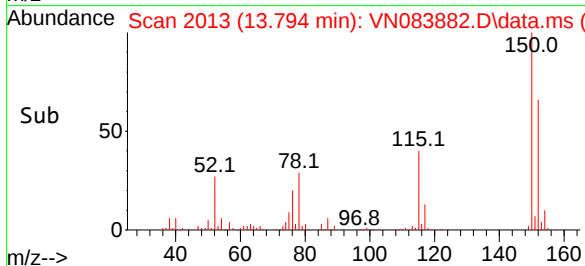


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083882.D
 Acq: 14 Sep 2024 11:57

Instrument :
 MSVOA_N
 ClientSampleId :

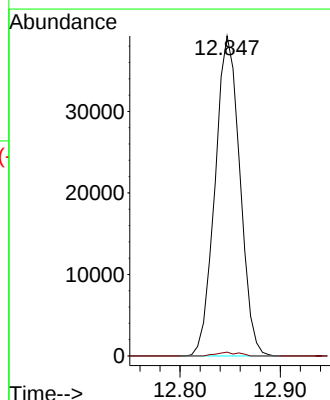
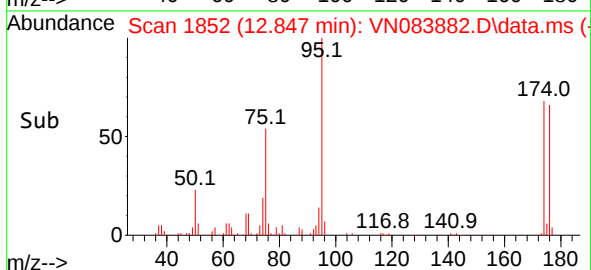
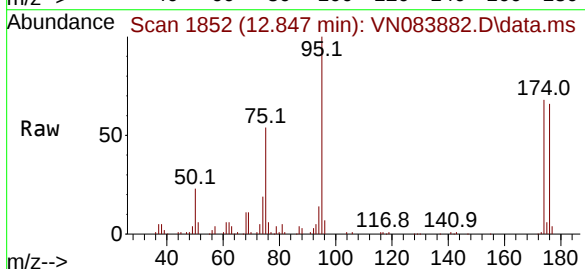


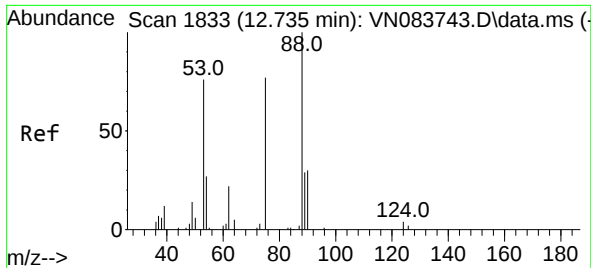
Tgt Ion:152 Resp: 115574
 Ion Ratio Lower Upper
 152 100
 115 64.2 32.2 96.6
 150 155.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.983 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083882.D
 Acq: 14 Sep 2024 11:57

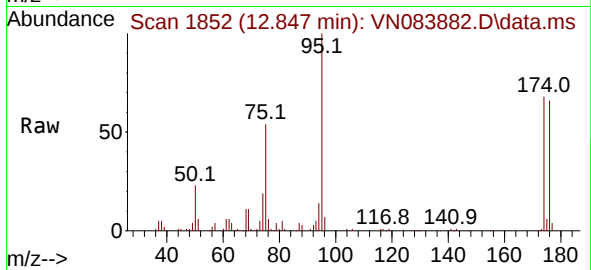
Tgt Ion: 75 Resp: 67590
 Ion Ratio Lower Upper
 75 100
 77 1.1 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.909 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083882.D
Acq: 14 Sep 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 67590
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.1 35.7 53.5#

