

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083936.D
 Acq On : 17 Sep 2024 11:30
 Operator : JC\MD
 Sample : P3970-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 01:45:14 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)

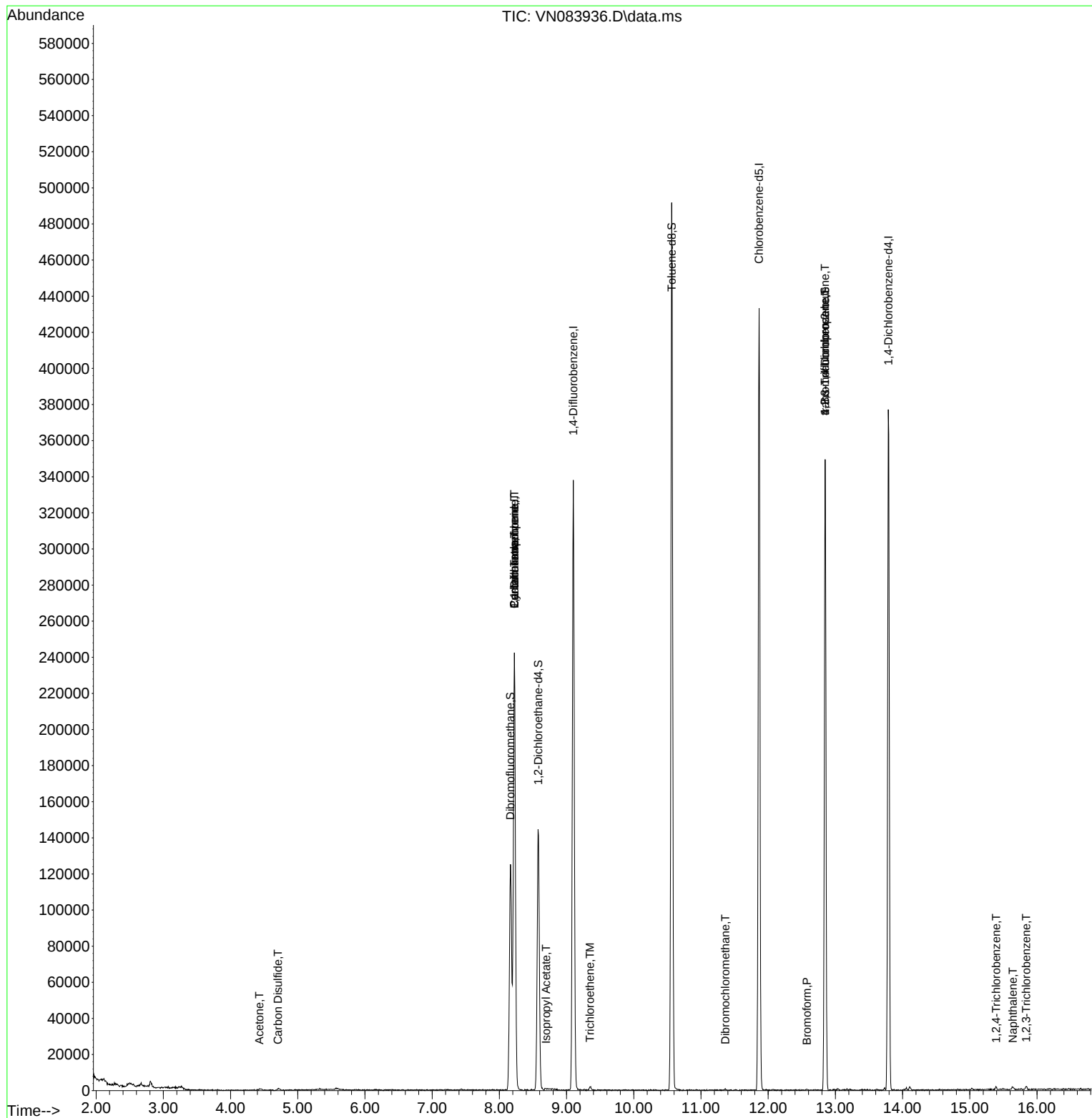
Internal Standards						
1) Pentafluorobenzene	8.224	168	161054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124183	51.136	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.280%	
35) Dibromofluoromethane	8.165	113	87641	50.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.020%	
50) Toluene-d8	10.565	98	322118	53.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.400%	
62) 4-Bromofluorobenzene	12.847	95	118503	47.885	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	406	Below Cal	#	80
16) Acetone	4.430	43	1537	1.579	ug/l	97
17) Carbon Disulfide	4.706	76	1080	0.222	ug/l #	75
31) Cyclohexane	8.224	56	4215	1.201	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14820	5.675	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18893	6.377	ug/l #	16
43) Isopropyl Acetate	8.694	43	980	0.228	ug/l #	57
44) Trichloroethene	9.347	130	900	0.494	ug/l	80
60) Dibromochloromethane	11.365	129	435	0.217	ug/l	100
71) Bromoform	12.576	173	479	0.400	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	67497	34.975	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67497	91.603	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.394	180	676	0.388	ug/l	81
95) Naphthalene	15.641	128	2469	0.466	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.841	180	881	0.530	ug/l #	69

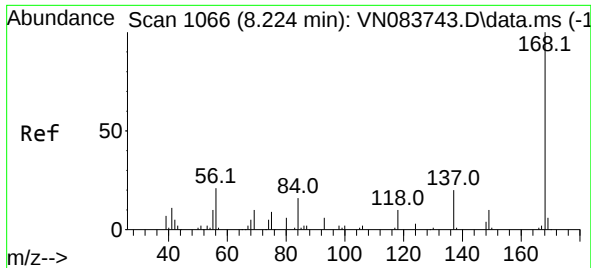
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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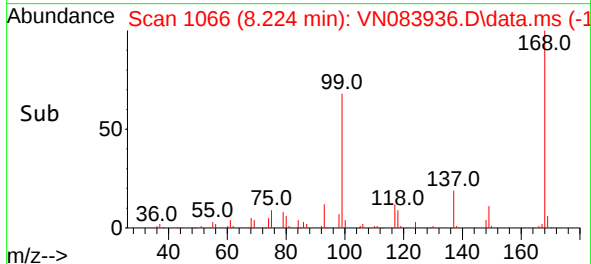
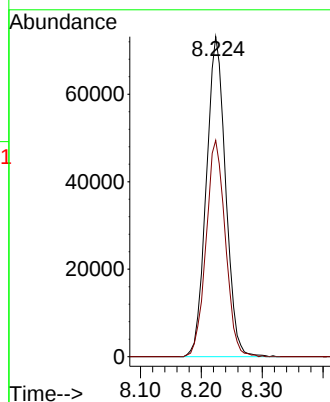
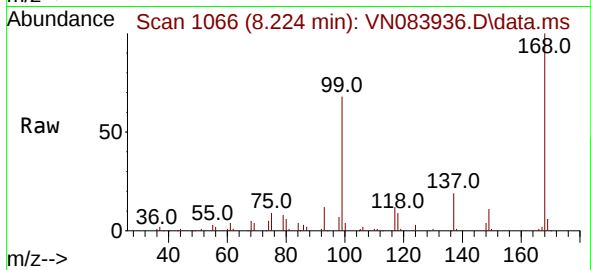




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

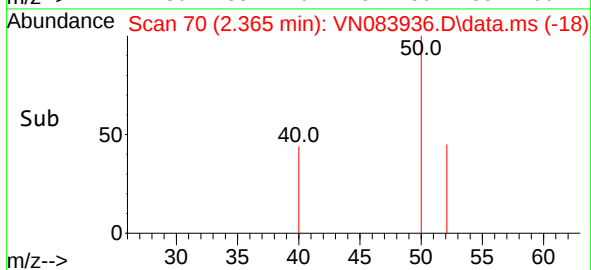
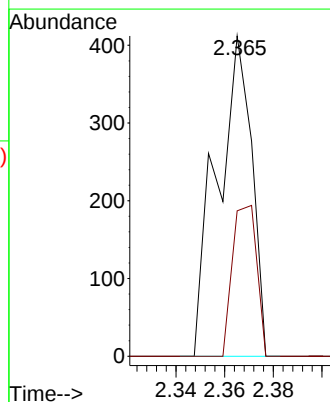
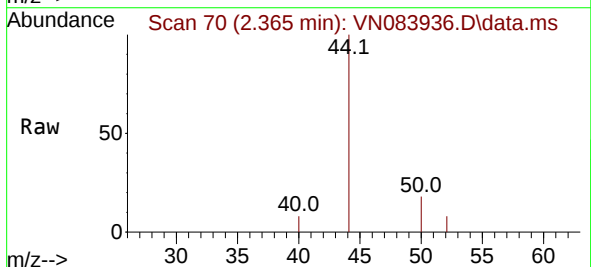
Instrument :
MSVOA_N
ClientSampleId :

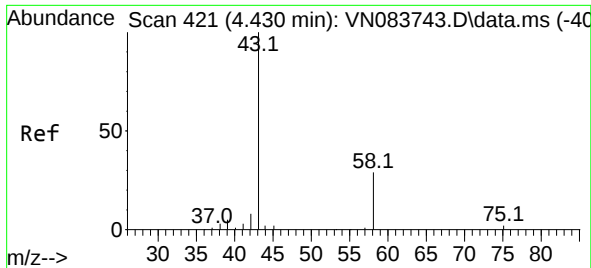
Tgt Ion:168 Resp: 161054
Ion Ratio Lower Upper
168 100
99 67.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

Tgt Ion: 50 Resp: 406
Ion Ratio Lower Upper
50 100
52 45.4 27.2 40.8#

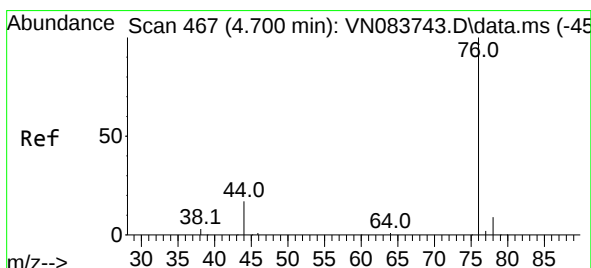
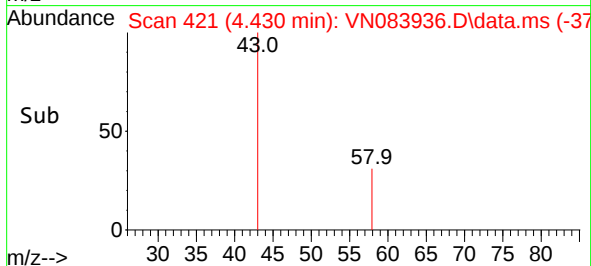
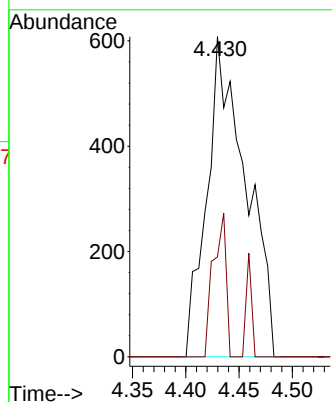
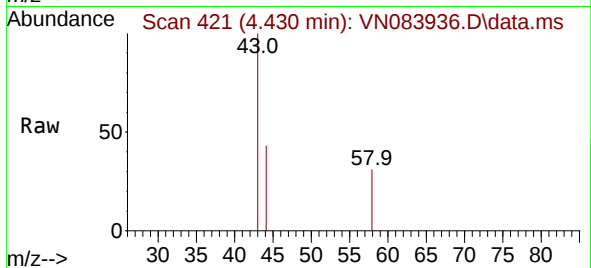




#16
Acetone
Concen: 1.579 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

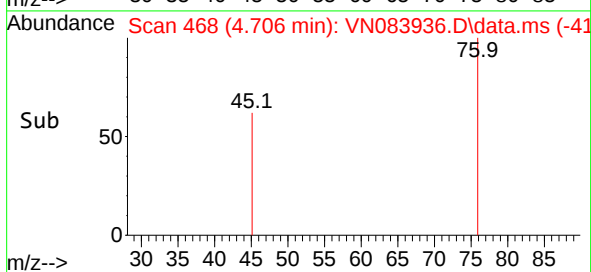
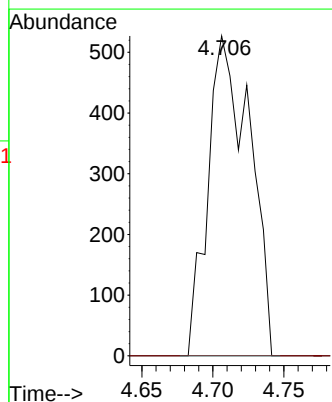
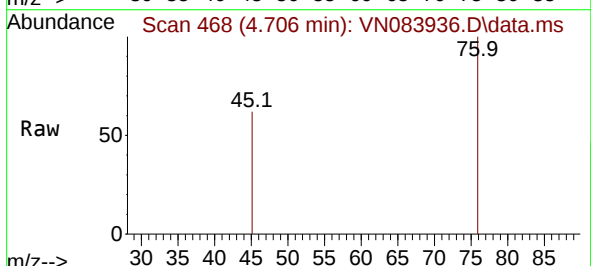
Instrument :
MSVOA_N
ClientSampleId :

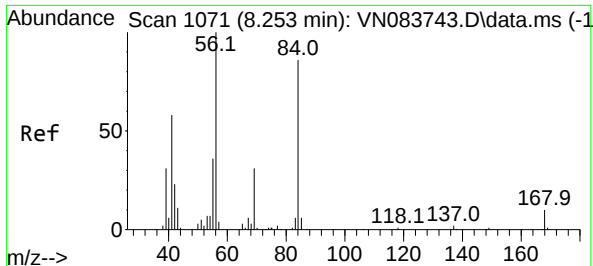
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 31.3 23.7 35.5



#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

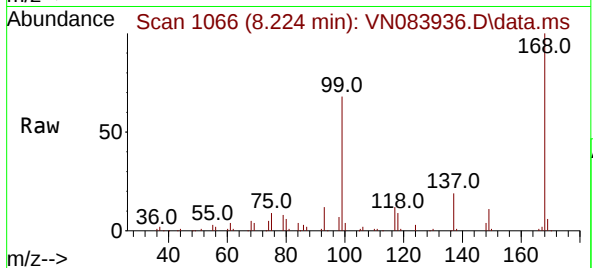
Tgt Ion: 76 Resp: 1080
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



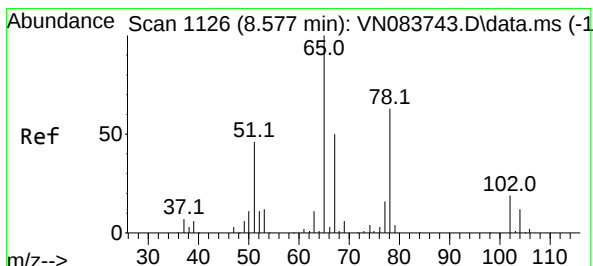
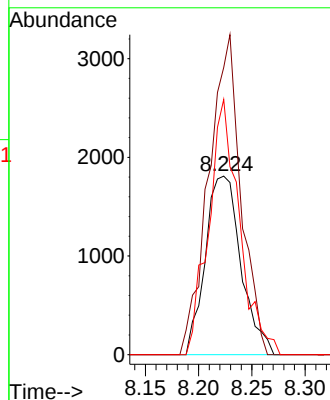
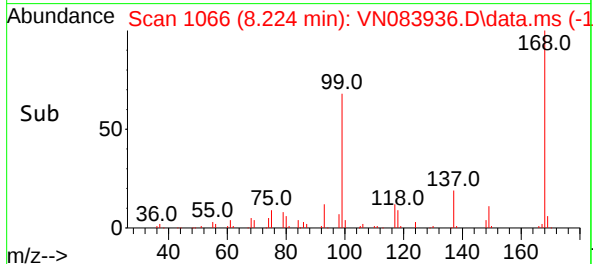


#31
Cyclohexane
Concen: 1.201 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

Instrument :
MSVOA_N
ClientSampleId :

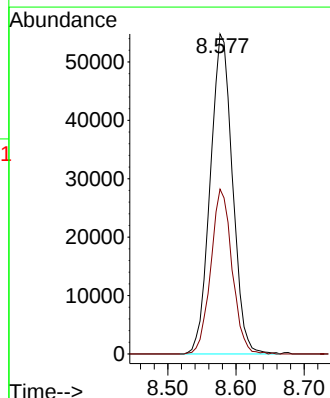
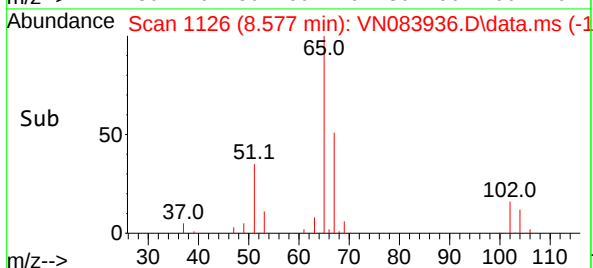
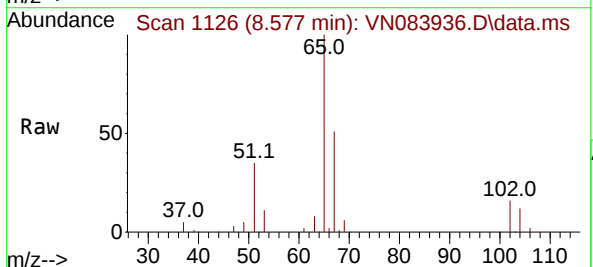


Tgt Ion: 56 Resp: 4215
Ion Ratio Lower Upper
56 100
69 160.9 26.9 40.3#
84 156.3 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.136 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

Tgt Ion: 65 Resp: 124183
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.8

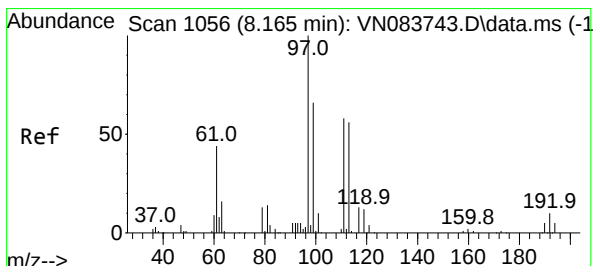
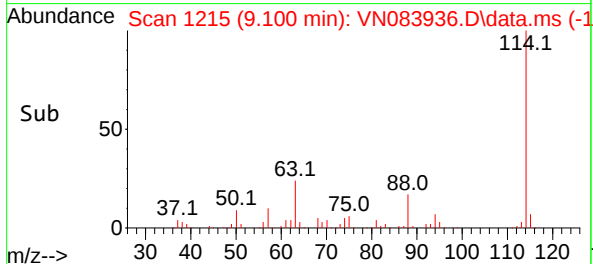
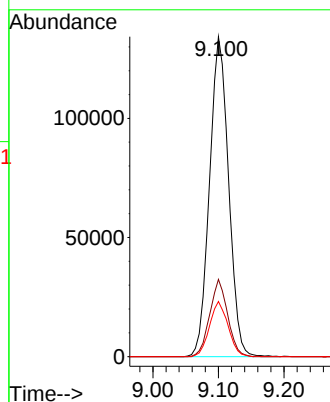
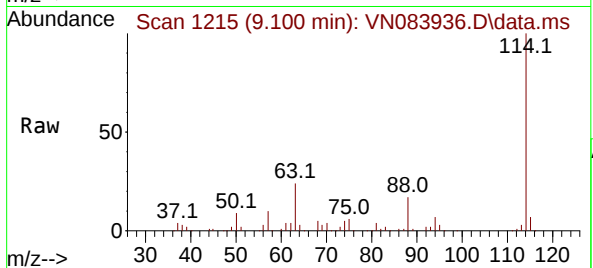




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

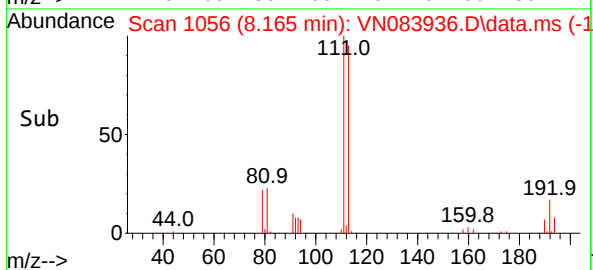
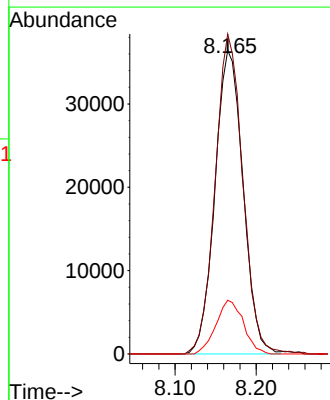
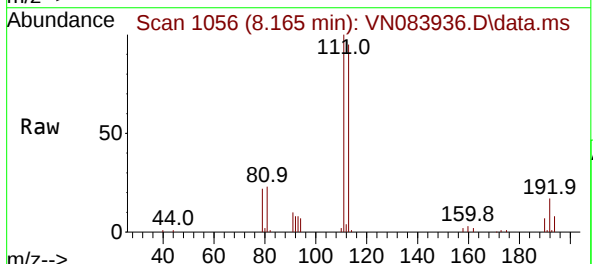
Instrument :
MSVOA_N
ClientSampleId :

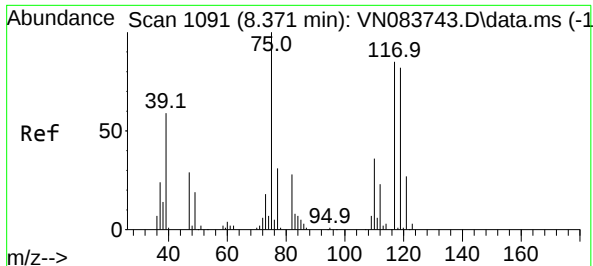
Tgt Ion:114 Resp: 271030
Ion Ratio Lower Upper
114 100
63 24.1 0.0 43.4
88 17.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.511 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

Tgt Ion:113 Resp: 87641
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.3 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.675 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

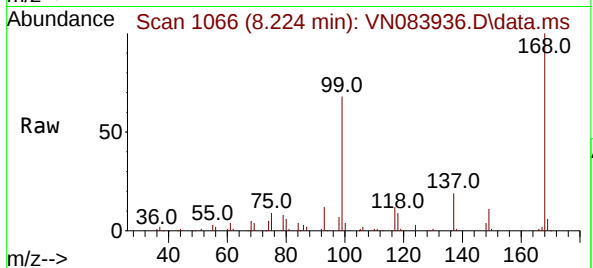
Lab File: VN083936.D

Acq: 17 Sep 2024 11:30

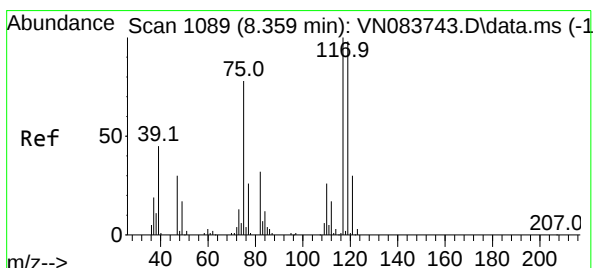
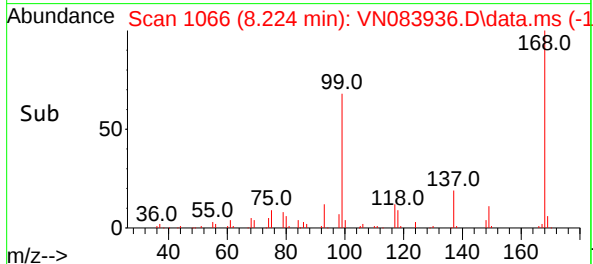
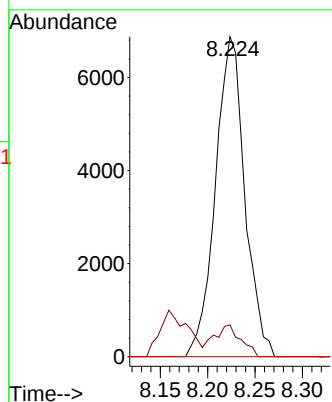
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14820
Ion Ratio	Lower	Upper	
75	100		
110	9.1	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.377 ug/l

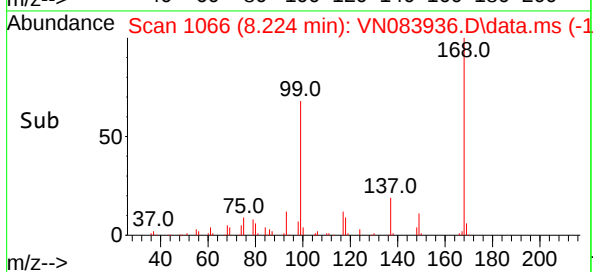
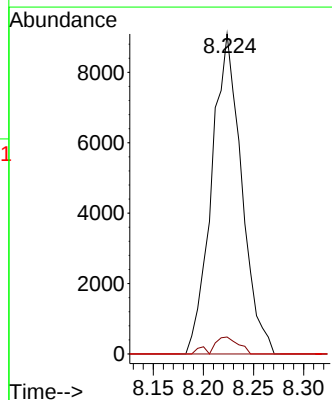
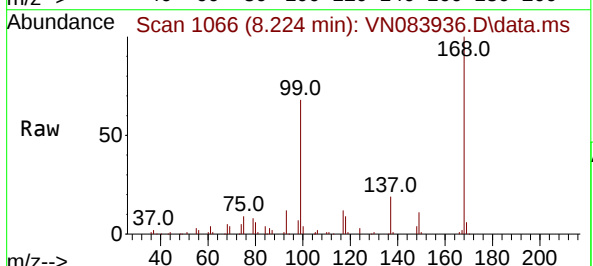
RT: 8.224 min Scan# 1066

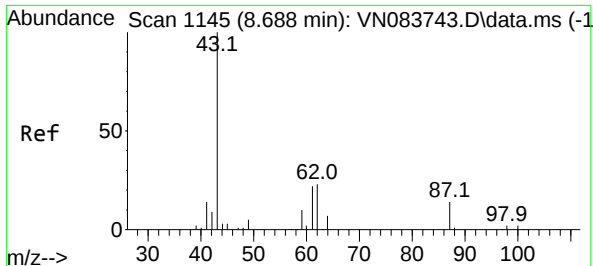
Delta R.T. -0.135 min

Lab File: VN083936.D

Acq: 17 Sep 2024 11:30

Tgt Ion:	117	Resp:	18893
Ion Ratio	Lower	Upper	
117	100		
119	5.3	76.1	114.1#
121	0.0	24.1	36.1#

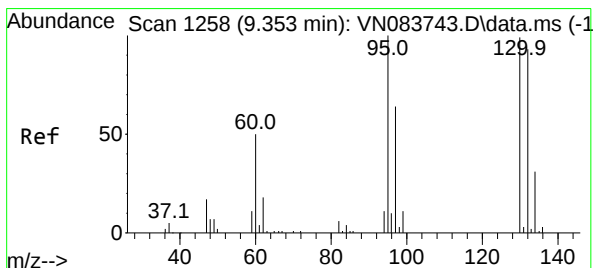
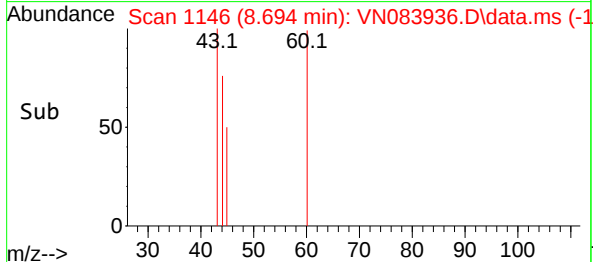
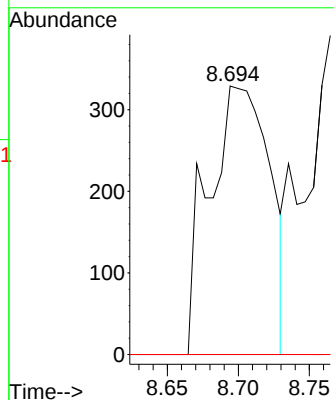
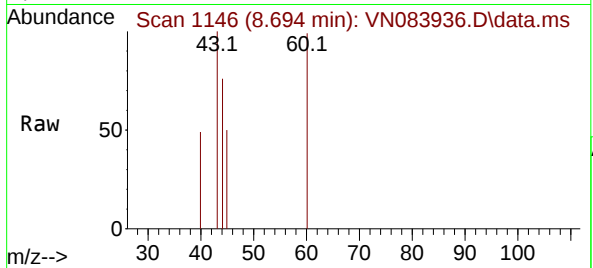




#43
Isopropyl Acetate
Concen: 0.228 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

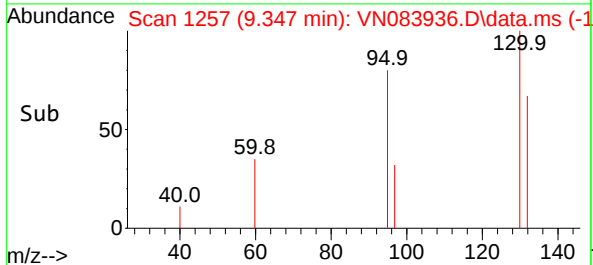
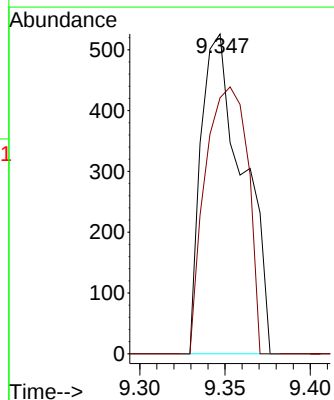
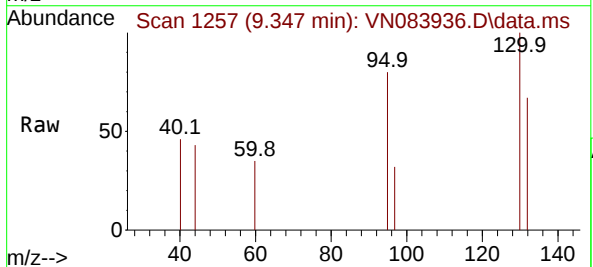
Instrument :
MSVOA_N
ClientSampleId :

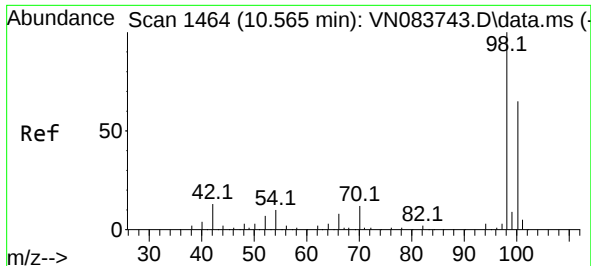
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.494 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

Tgt Ion:130 Resp: 900
Ion Ratio Lower Upper
130 100
95 80.0 0.0 200.4

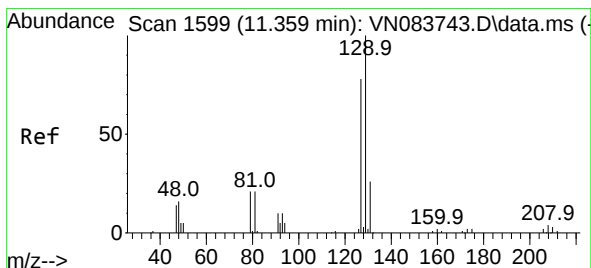
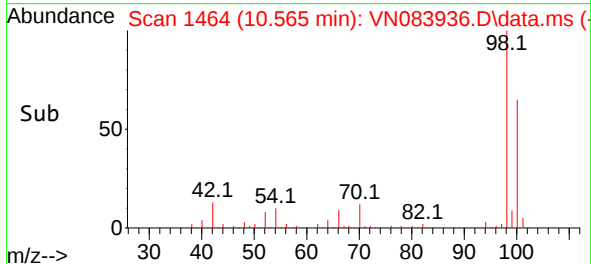
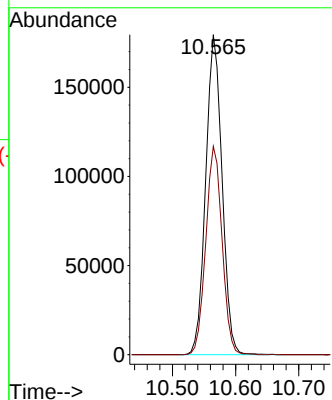
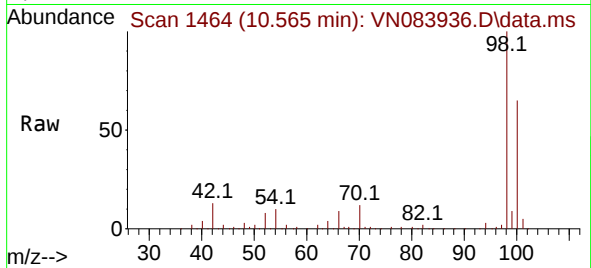




#50
Toluene-d8
Concen: 53.701 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

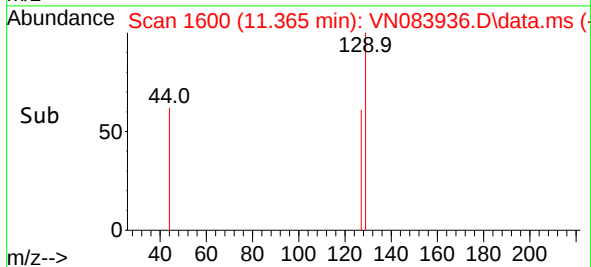
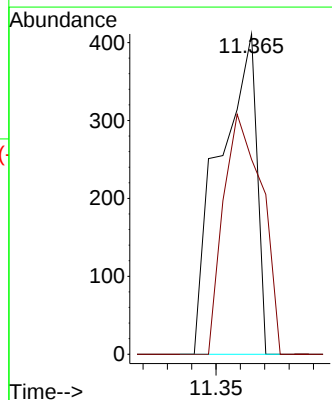
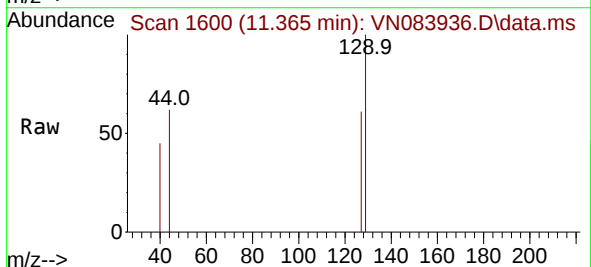
Instrument :
MSVOA_N
ClientSampleId :

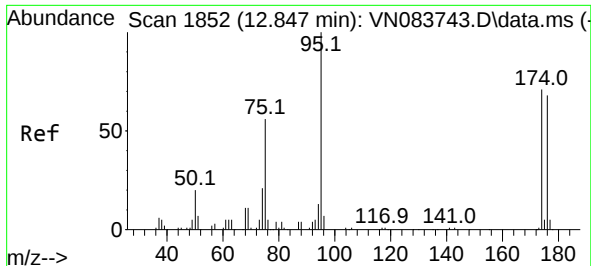
Tgt Ion: 98 Resp: 322118
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#60
Dibromochloromethane
Concen: 0.217 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

Tgt Ion:129 Resp: 435
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9

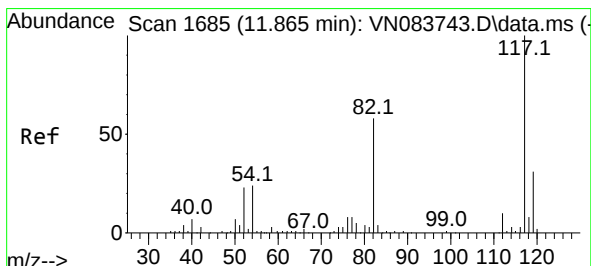
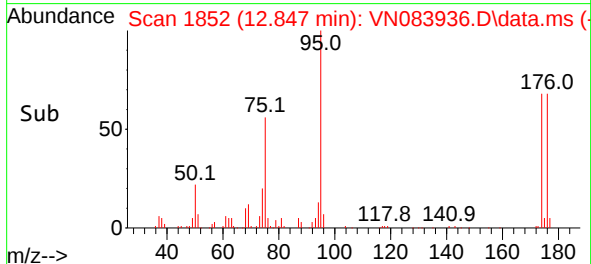
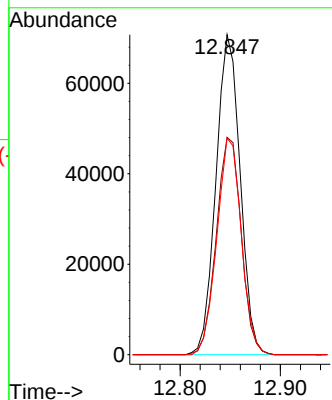
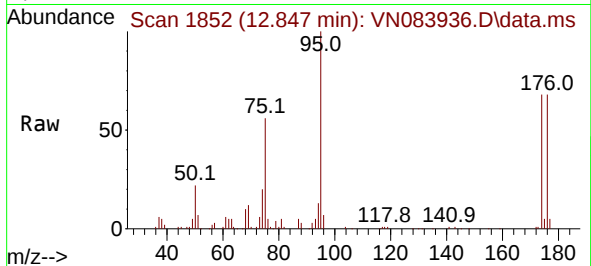




#62
4-Bromofluorobenzene
Concen: 47.885 ug/l
RT: 12.847 min Scan# 118503
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

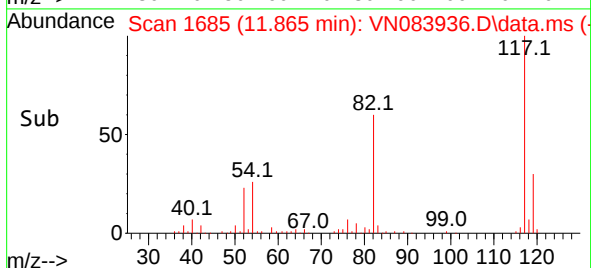
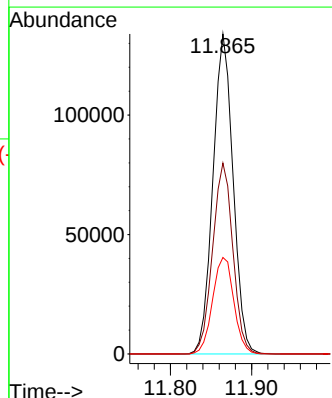
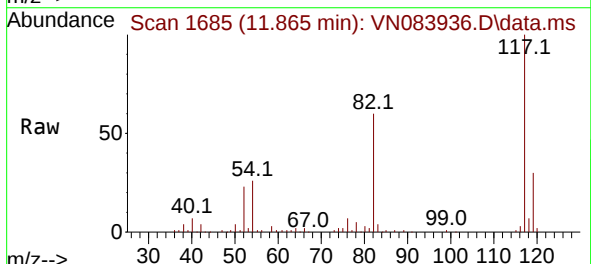
Instrument :
MSVOA_N
ClientSampleId :

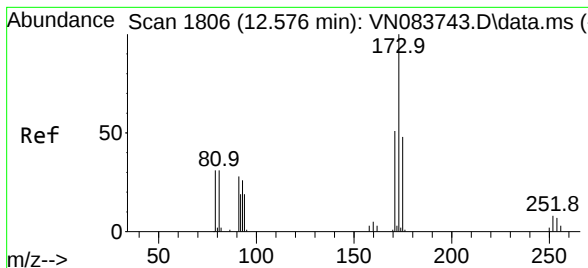
Tgt Ion: 95 Resp: 118503
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 68.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

Tgt Ion: 117 Resp: 230805
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.0
119 30.1 26.3 39.5





#71

Bromoform

Concen: 0.400 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN083936.D

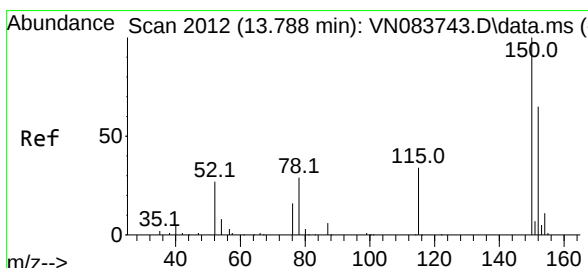
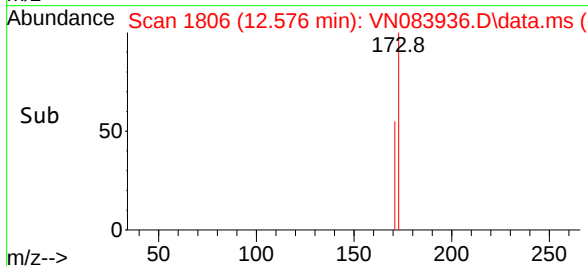
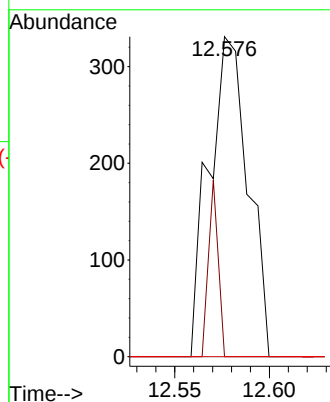
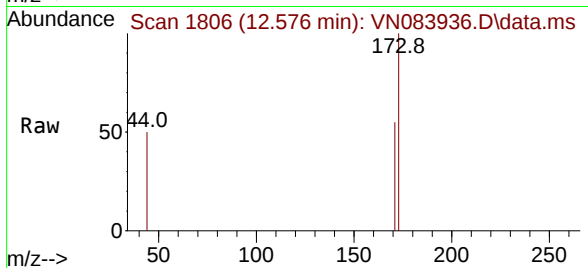
Acq: 17 Sep 2024 11:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	479
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

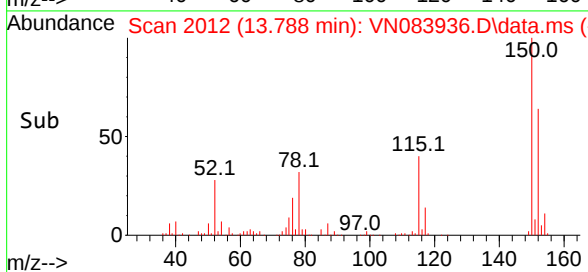
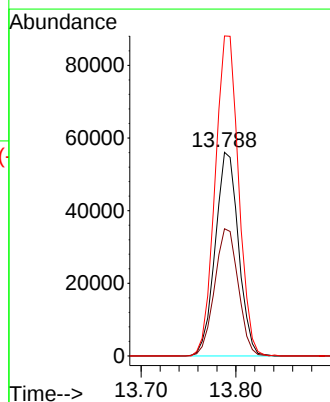
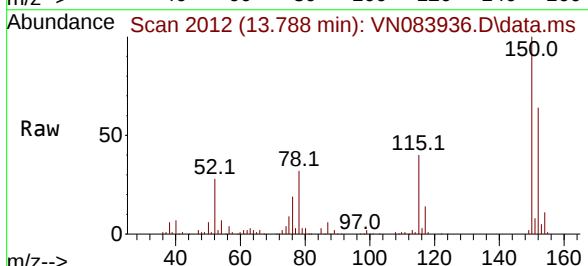
RT: 13.788 min Scan# 2012

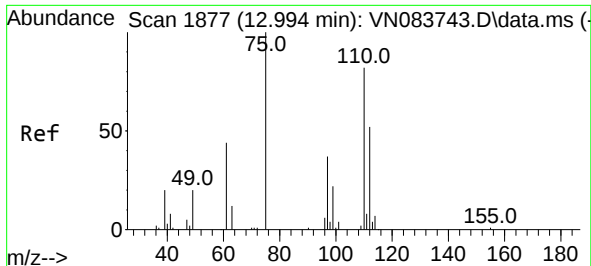
Delta R.T. -0.000 min

Lab File: VN083936.D

Acq: 17 Sep 2024 11:30

Tgt Ion:	152	Resp:	95641
Ion Ratio	Lower	Upper	
152	100		
115	63.6	32.2	96.6
150	158.2	0.0	348.6

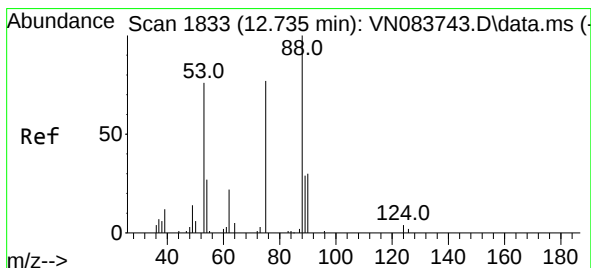
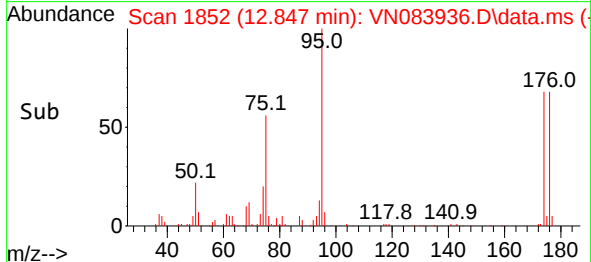
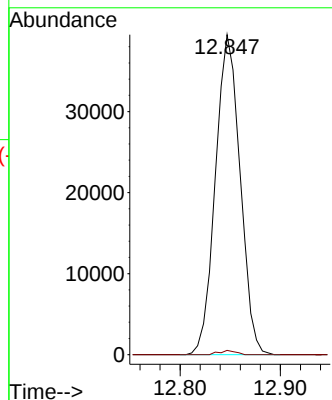
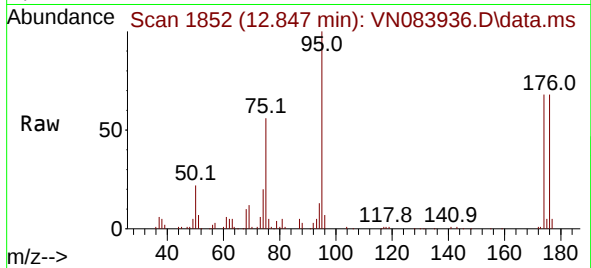




#76
1,2,3-Trichloropropane
Concen: 34.975 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

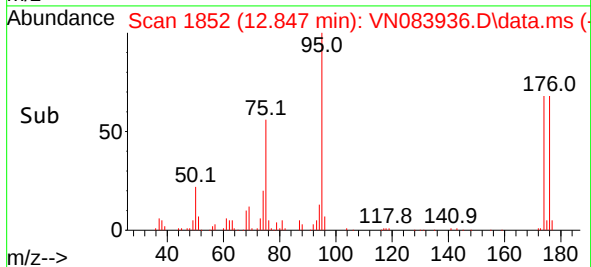
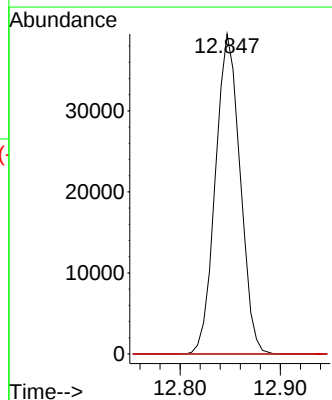
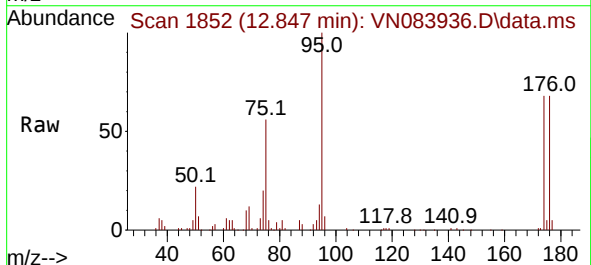
Instrument :
MSVOA_N
ClientSampleId :

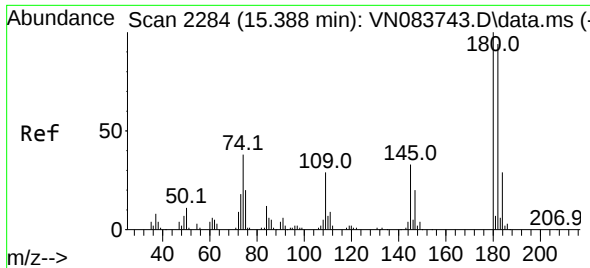
Tgt Ion: 75 Resp: 67497
Ion Ratio Lower Upper
75 100
77 0.9 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.603 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

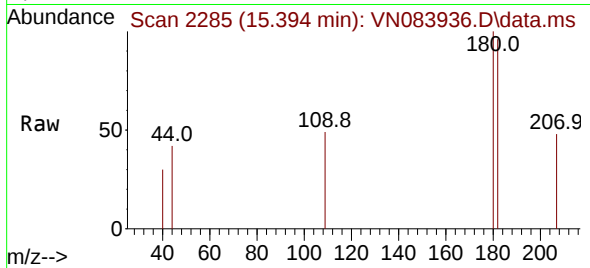
Tgt Ion: 75 Resp: 67497
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



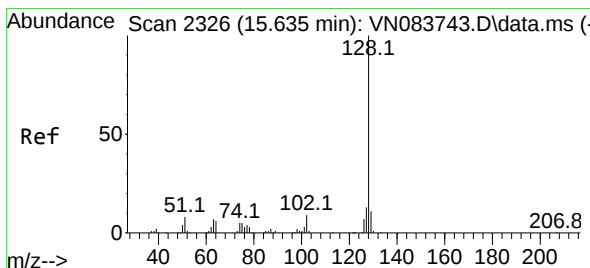
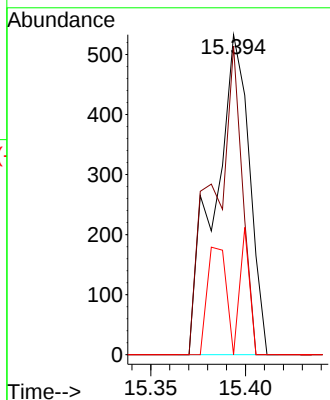
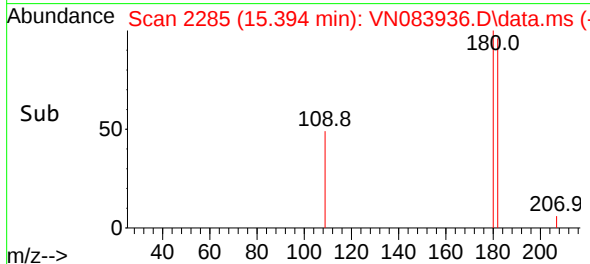


#93
1,2,4-Trichlorobenzene
Concen: 0.388 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

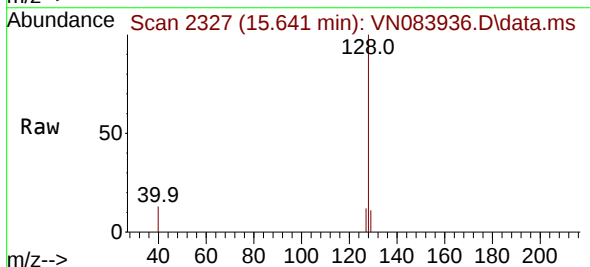
Instrument :
MSVOA_N
ClientSampleId :



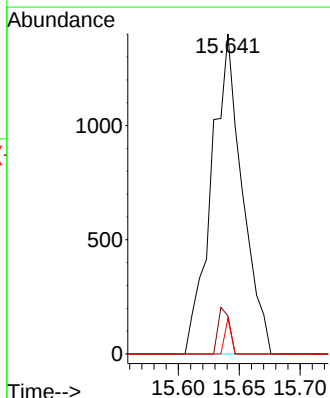
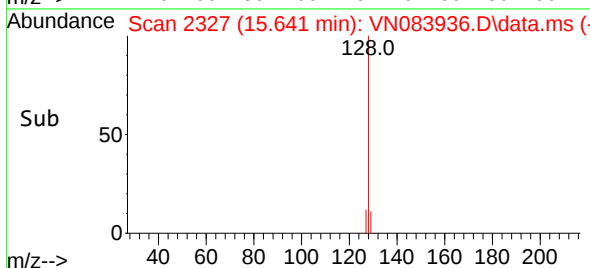
Tgt Ion:180 Resp: 676
Ion Ratio Lower Upper
180 100
182 80.2 48.1 144.3
145 18.5 16.9 50.7

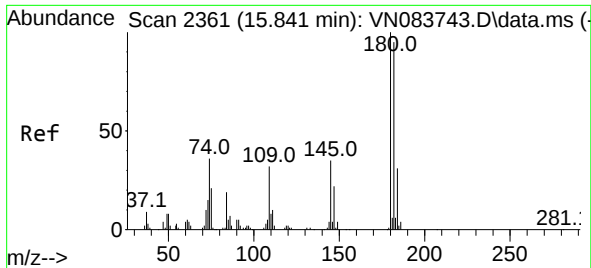


#95
Naphthalene
Concen: 0.466 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30



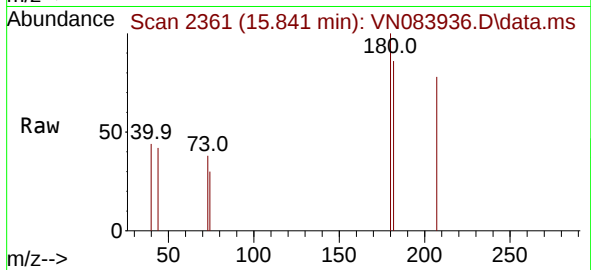
Tgt Ion:128 Resp: 2469
Ion Ratio Lower Upper
128 100
127 5.3 10.2 15.2#
129 2.2 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.530 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083936.D
 Acq: 17 Sep 2024 11:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	881
Ion	Ratio	Lower	Upper
180	100		
182	64.7	47.1	141.4
145	15.9	17.8	53.5#

