

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083730.D
 Acq On : 09 Sep 2024 20:36
 Operator : JC\MD
 Sample : P3868-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 10 02:17:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

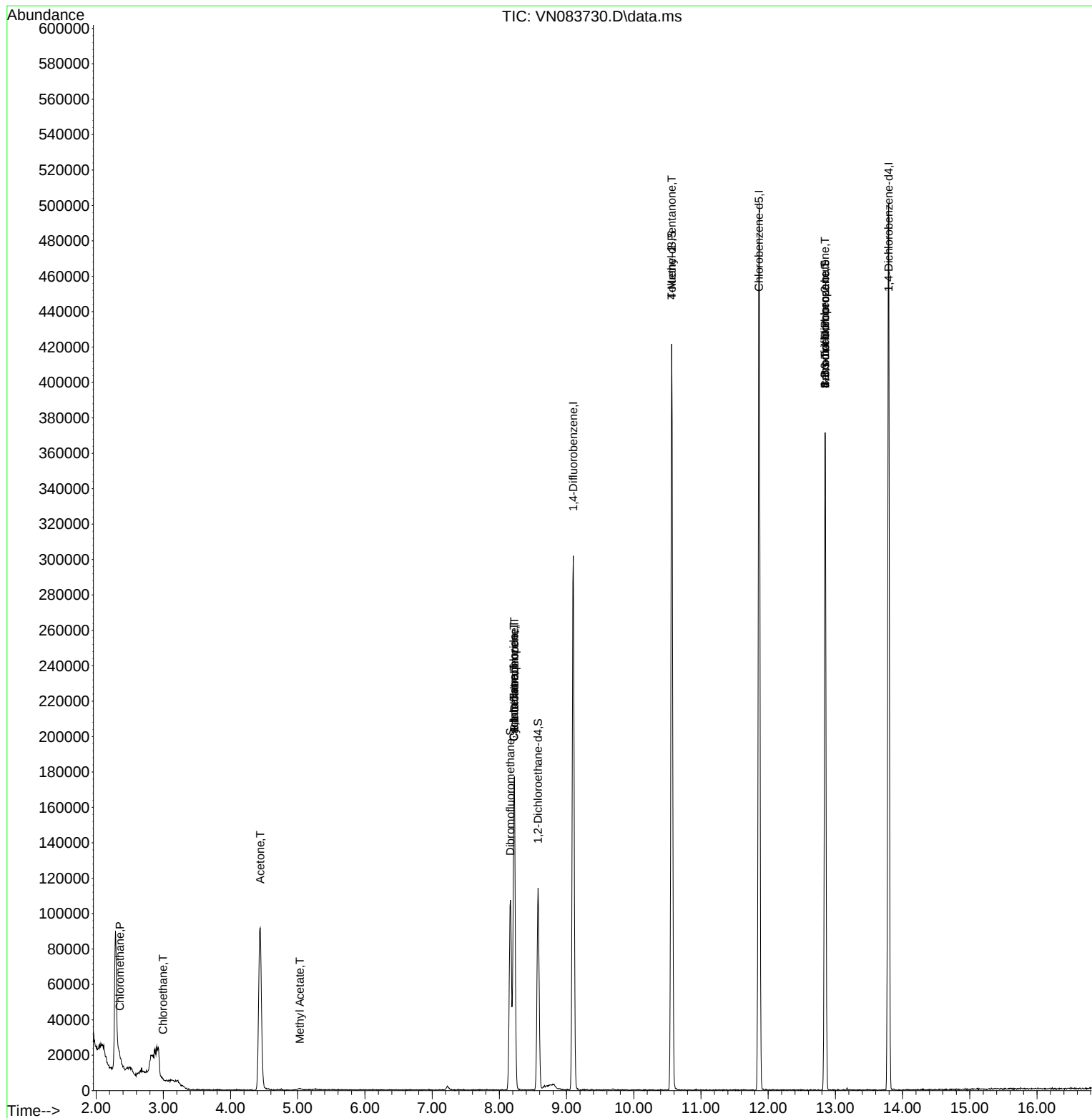
Internal Standards						
1) Pentafluorobenzene	8.224	168	120358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	95422	56.727	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.460%
35) Dibromofluoromethane	8.165	113	76996	51.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.020%
50) Toluene-d8	10.565	98	277976	47.749	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.847	95	123692	57.358	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	1523	1.026	ug/l	92
6) Chloroethane	2.995	64	772	0.796	ug/l #	60
16) Acetone	4.442	43	2327	3.469	ug/l #	45
18) Methyl Acetate	5.030	43	1415	0.793	ug/l #	69
31) Cyclohexane	8.218	56	3146	1.209	ug/l #	30
36) 1,1-Dichloropropene	8.224	75	11448	5.021	ug/l #	50
38) Carbon Tetrachloride	8.218	117	14107	5.422	ug/l #	15
43) Isopropyl Acetate	8.677	43	1748	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1320	0.626	ug/l #	1
71) Bromoform	12.847	173	865	0.591	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	70367	27.312	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70367	64.418	ug/l #	9

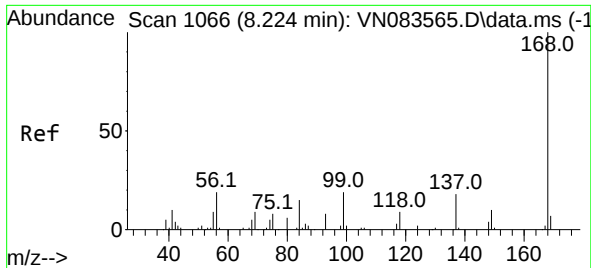
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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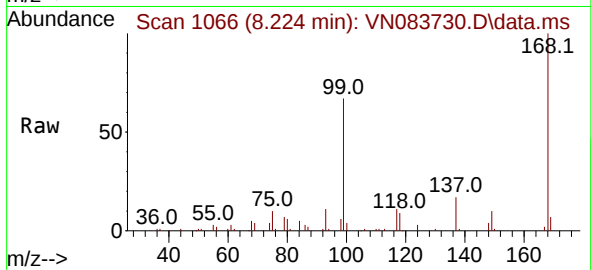
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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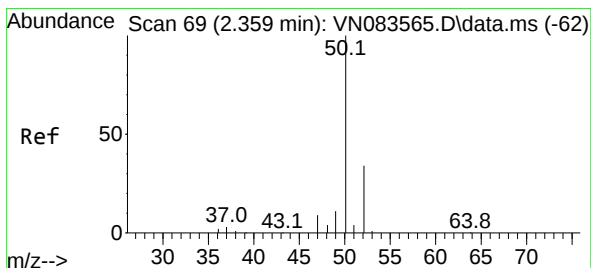
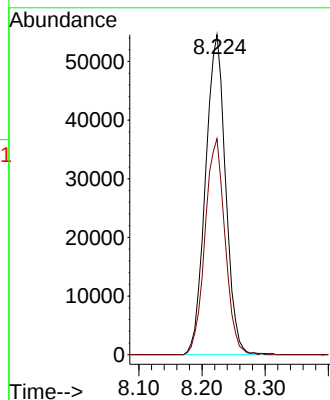
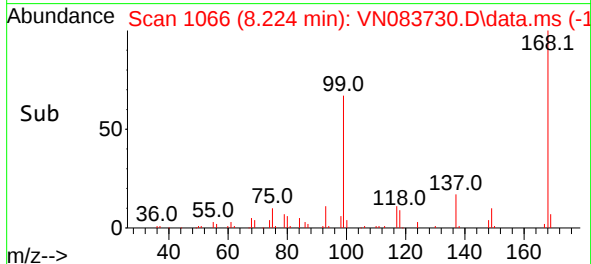


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

Instrument :
MSVOA_N
ClientSampleId :

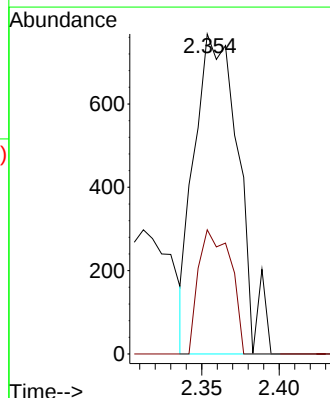
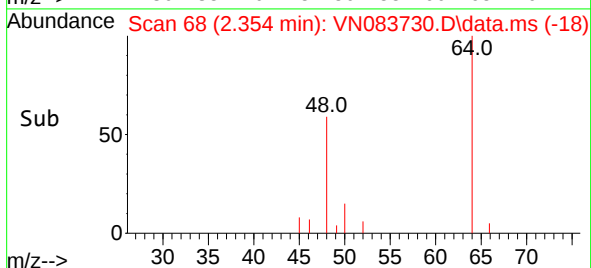
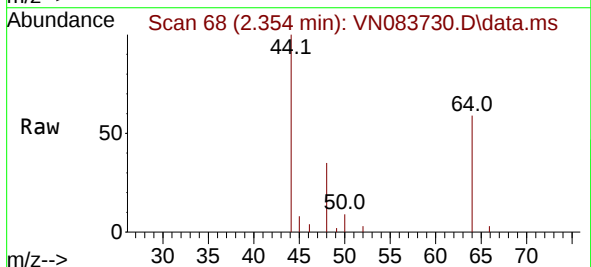


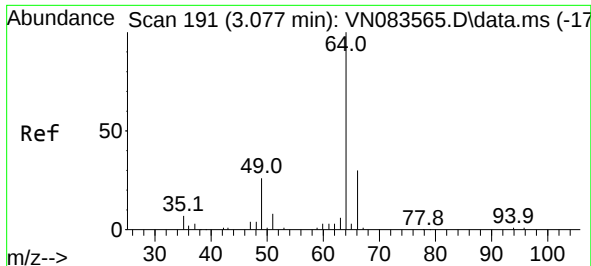
Tgt Ion:168 Resp: 120358
Ion Ratio Lower Upper
168 100
99 67.5 54.2 81.2



#3
Chloromethane
Concen: 1.026 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

Tgt Ion: 50 Resp: 1523
Ion Ratio Lower Upper
50 100
52 38.8 27.2 40.8

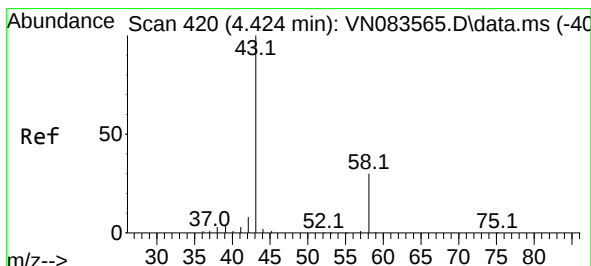
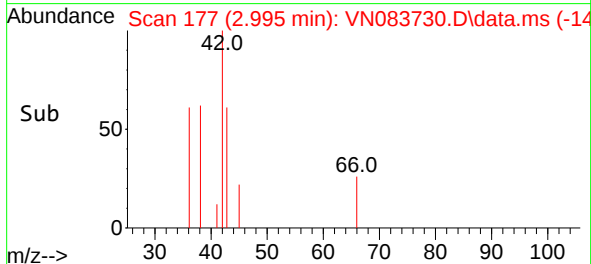
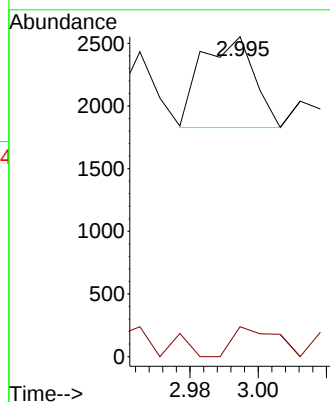
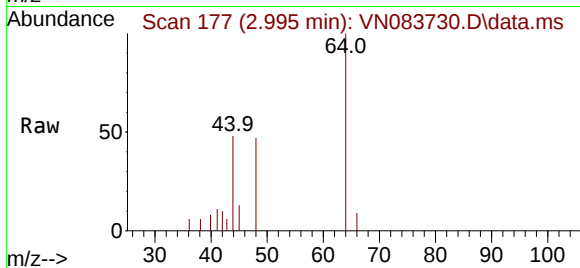




#6
Chloroethane
Concen: 0.796 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

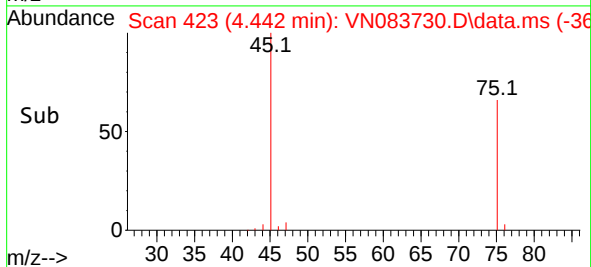
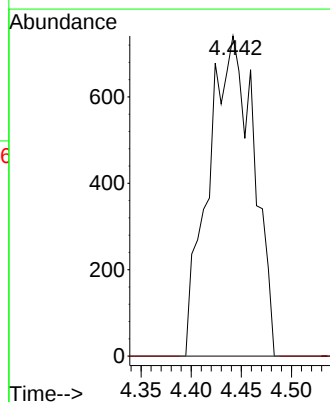
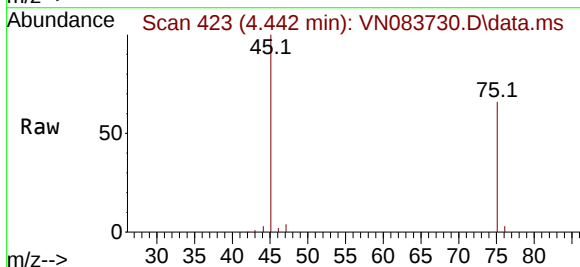
Instrument :
MSVOA_N
ClientSampleId :

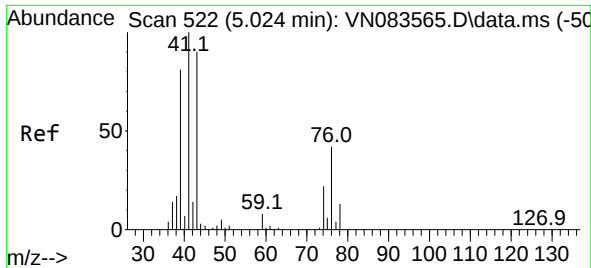
Tgt Ion: 64 Resp: 772
Ion Ratio Lower Upper
64 100
66 8.3 23.9 35.9#



#16
Acetone
Concen: 3.469 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

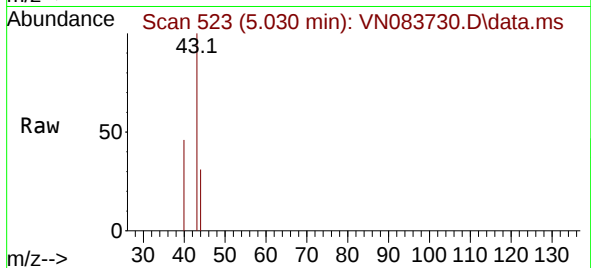
Tgt Ion: 43 Resp: 2327
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



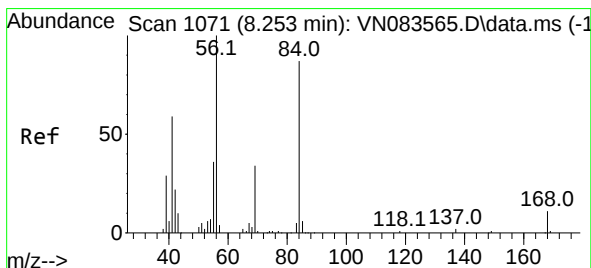
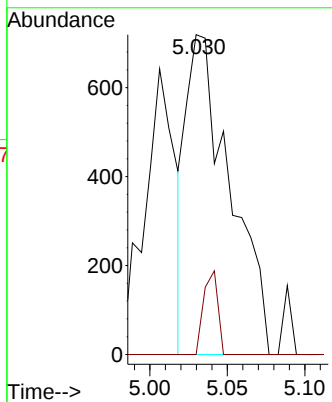
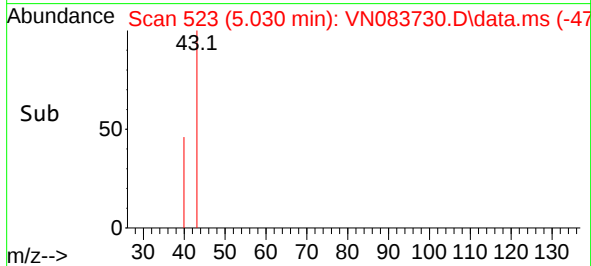


#18
Methyl Acetate
Concen: 0.793 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

Instrument :
MSVOA_N
ClientSampleId :

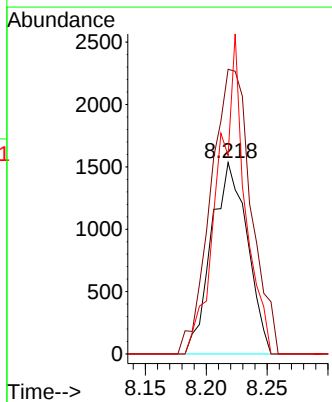
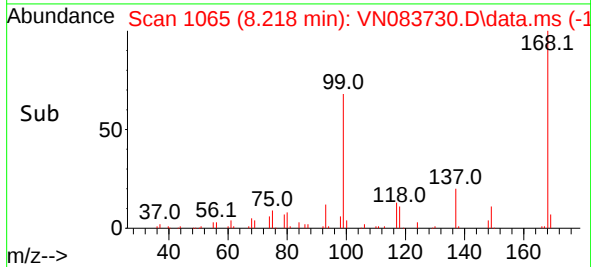
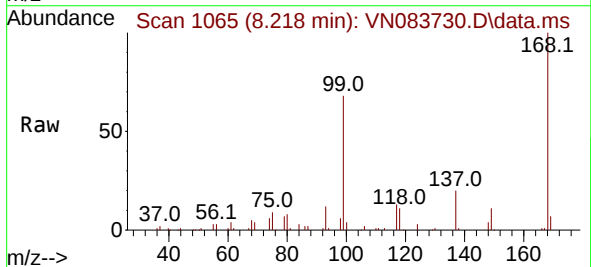


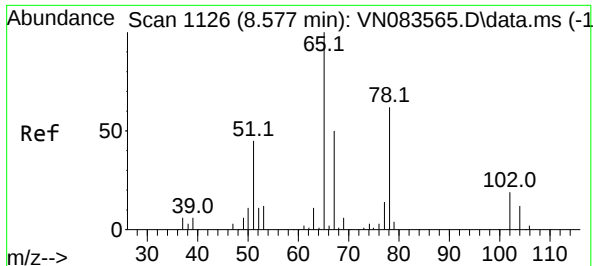
Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
74 8.5 19.0 28.4#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

Tgt Ion: 56 Resp: 3146
Ion Ratio Lower Upper
56 100
69 148.7 26.9 40.3#
84 103.6 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 56.727 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083730.D

Acq: 09 Sep 2024 20:36

Instrument :

MSVOA_N

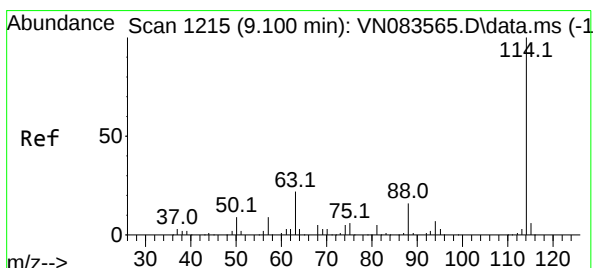
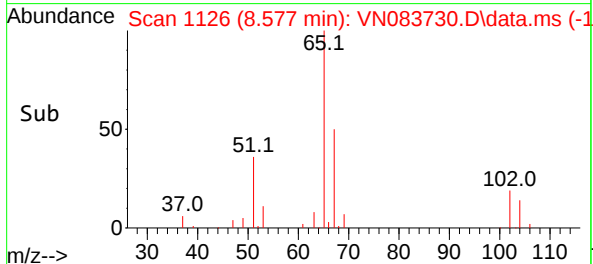
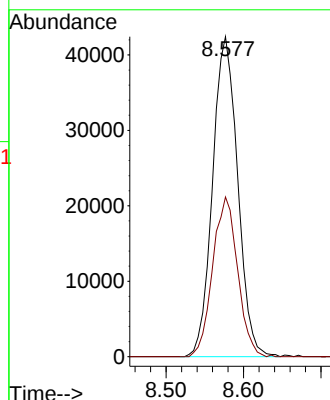
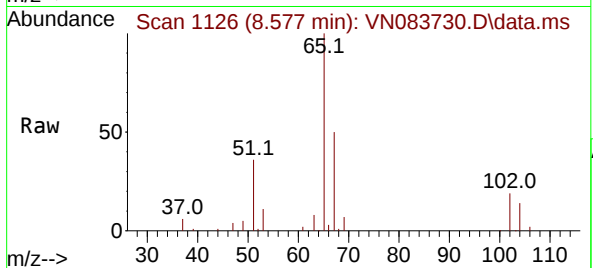
ClientSampleId :

Tgt Ion: 65 Resp: 95422

Ion Ratio Lower Upper

65 100

67 49.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083730.D

Acq: 09 Sep 2024 20:36

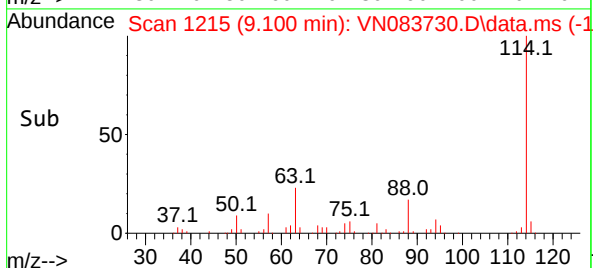
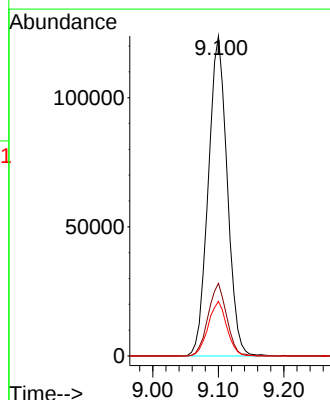
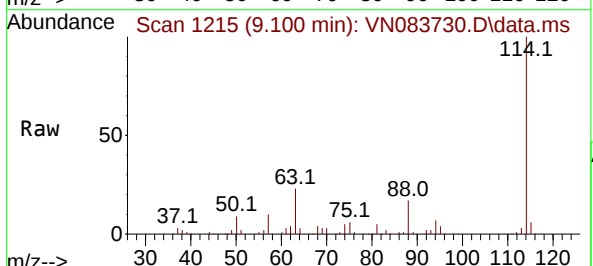
Tgt Ion: 114 Resp: 248373

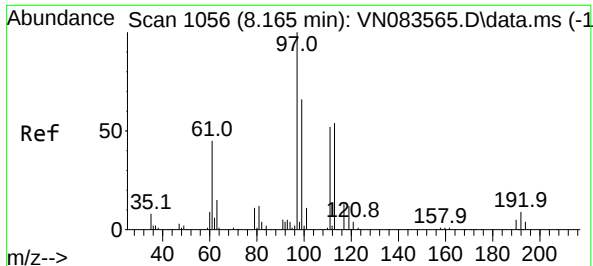
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

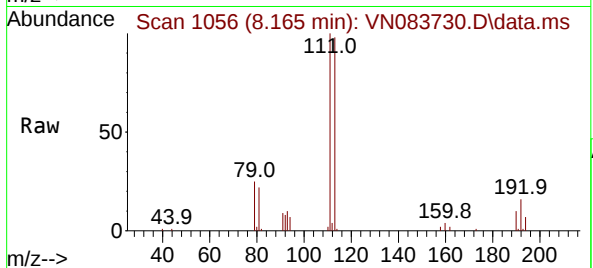
88 17.1 0.0 32.6



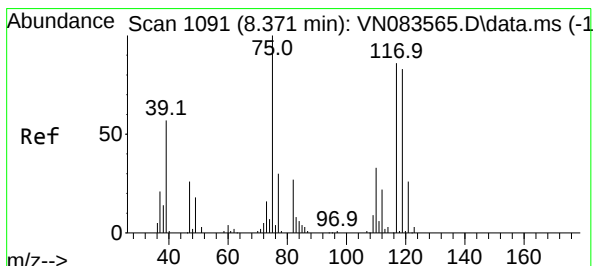
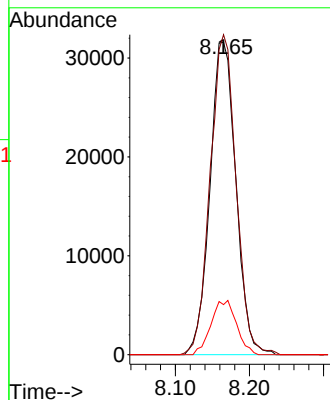
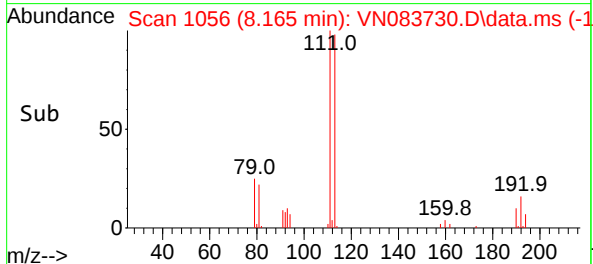


#35
Dibromofluoromethane
Concen: 51.506 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

Instrument :
MSVOA_N
ClientSampleId :

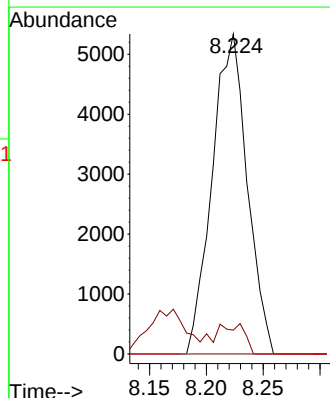
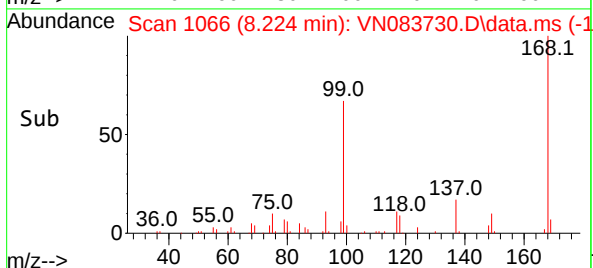
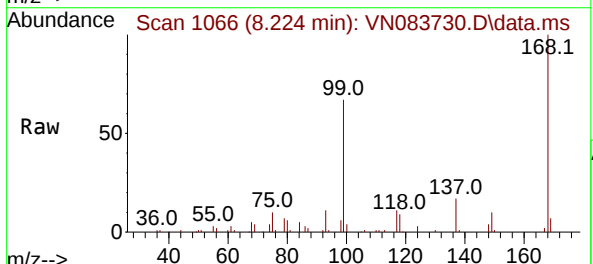


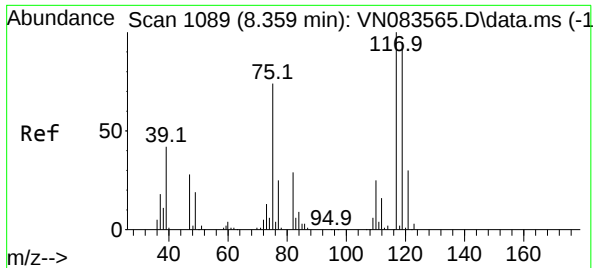
Tgt Ion:113 Resp: 76996
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 17.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

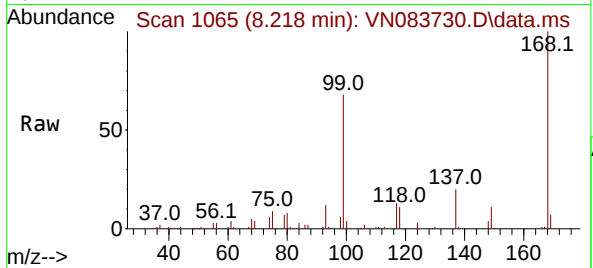
Tgt Ion: 75 Resp: 11448
Ion Ratio Lower Upper
75 100
110 8.1 16.7 50.1#
77 0.0 25.2 37.8#



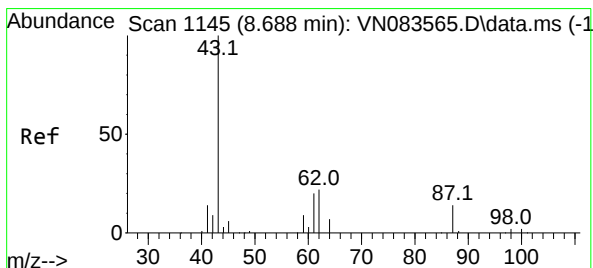
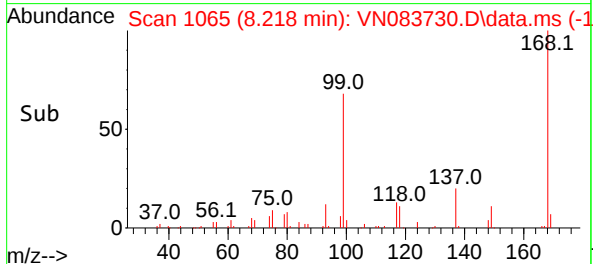
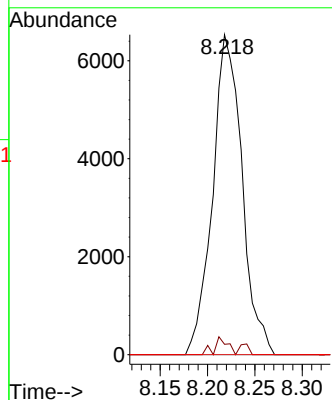


#38
Carbon Tetrachloride
Concen: 5.422 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

Instrument :
MSVOA_N
ClientSampleId :

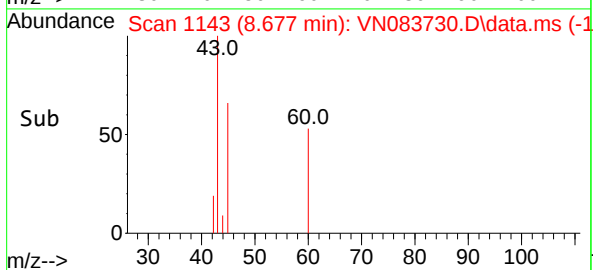
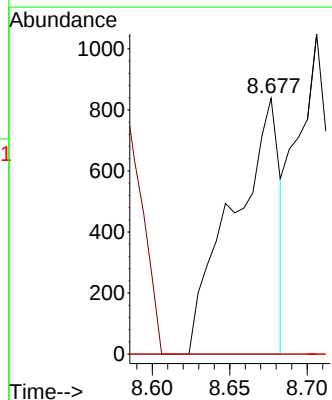
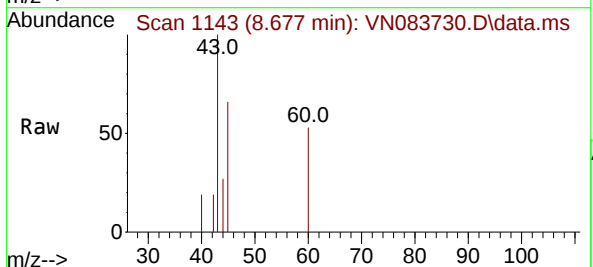


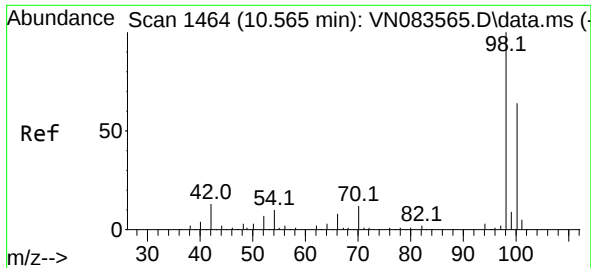
Tgt Ion: 117 Resp: 14107
Ion Ratio Lower Upper
117 100
119 3.2 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

Tgt Ion: 43 Resp: 1748
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

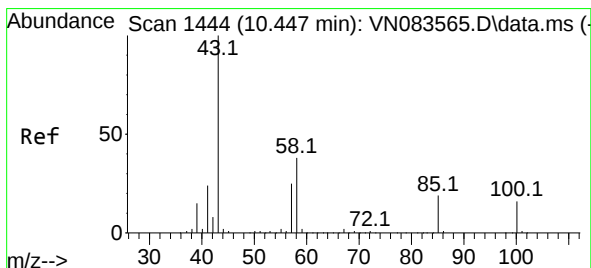
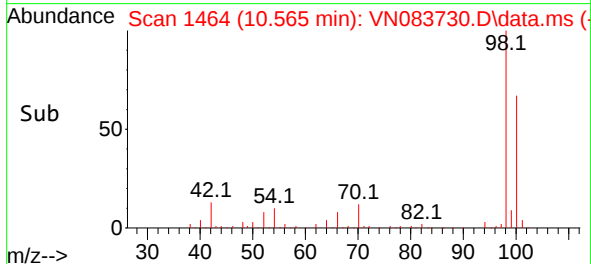
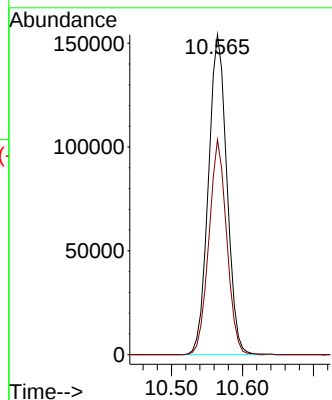
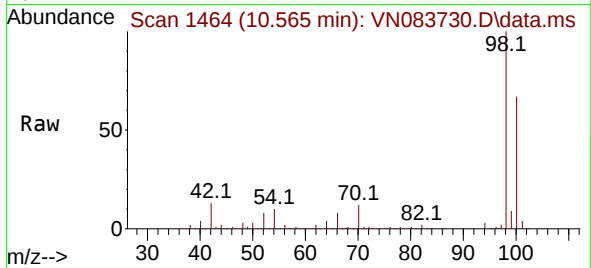




#50
Toluene-d8
Concen: 47.749 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

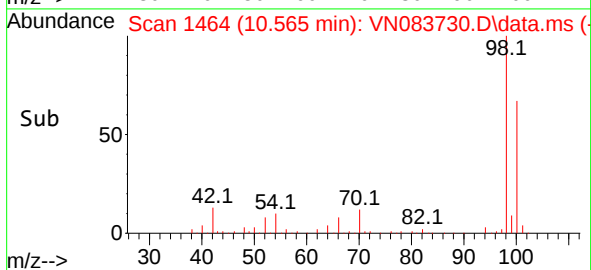
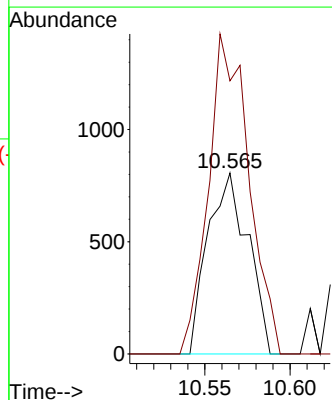
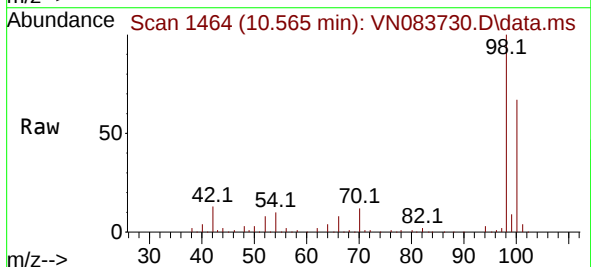
Instrument :
MSVOA_N
ClientSampleId :

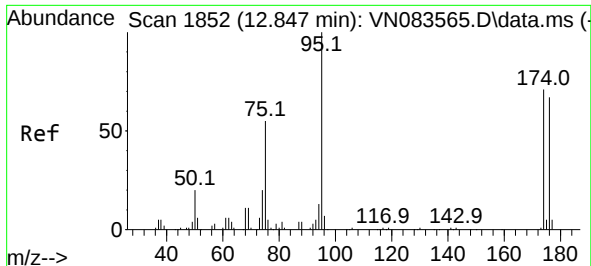
Tgt Ion: 98 Resp: 277976
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.626 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
58 177.8 31.6 47.4#

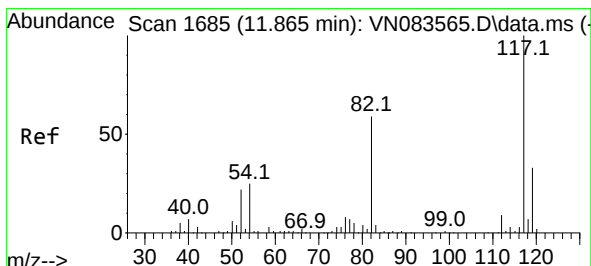
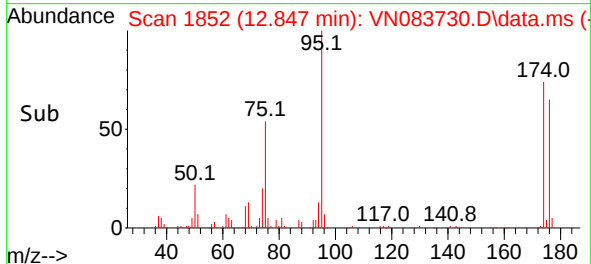
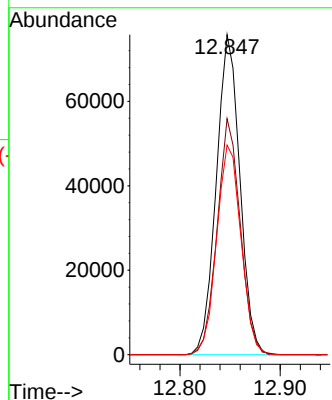
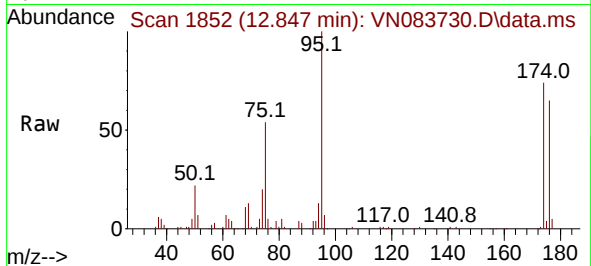




#62
4-Bromofluorobenzene
Concen: 57.358 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

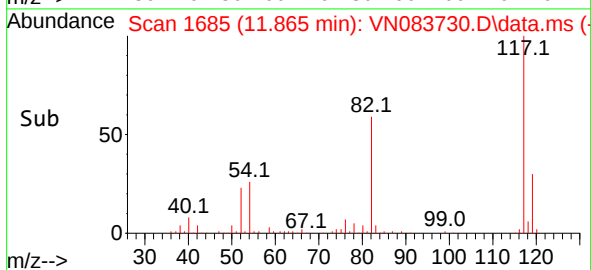
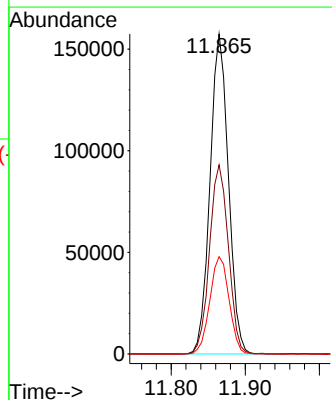
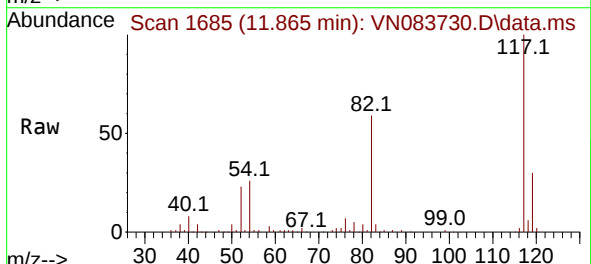
Instrument :
MSVOA_N
ClientSampleId :

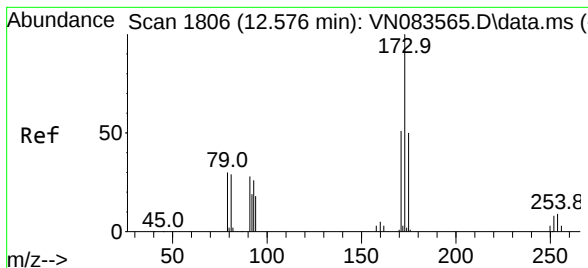
Tgt Ion: 95 Resp: 123692
Ion Ratio Lower Upper
95 100
174 72.3 0.0 139.8
176 67.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

Tgt Ion: 117 Resp: 271511
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 30.4 26.3 39.5





#71

Bromoform

Concen: 0.591 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

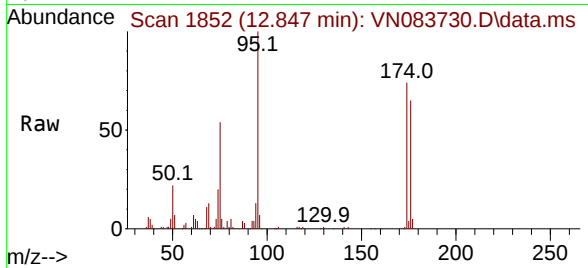
Lab File: VN083730.D

Acq: 09 Sep 2024 20:36

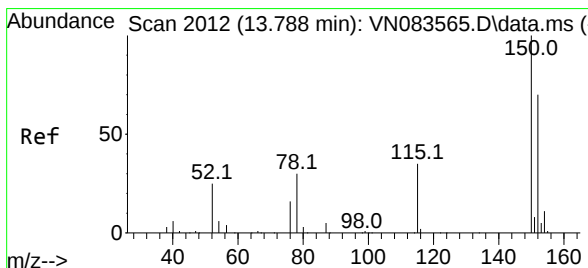
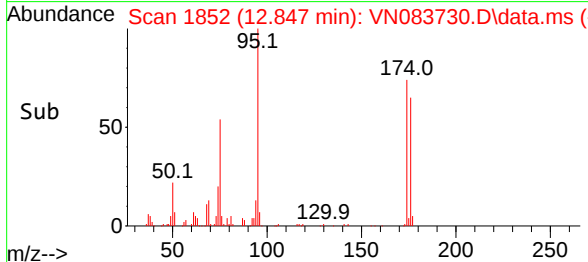
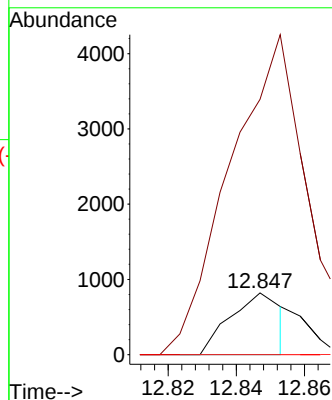
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	865
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

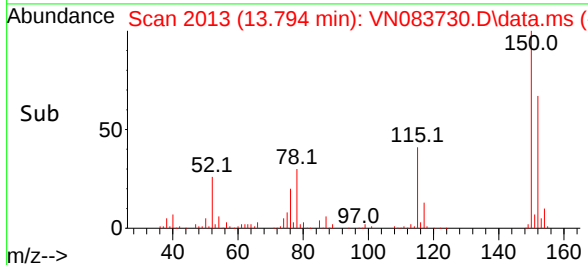
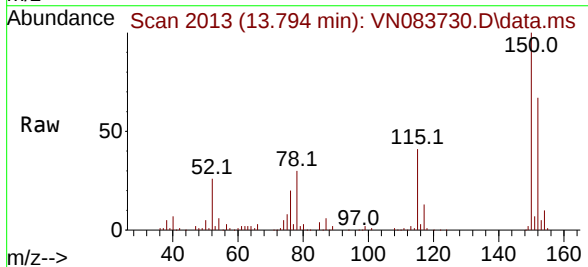
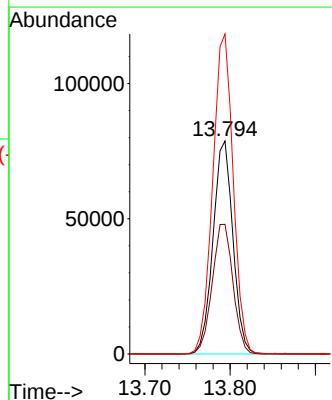
RT: 13.794 min Scan# 2013

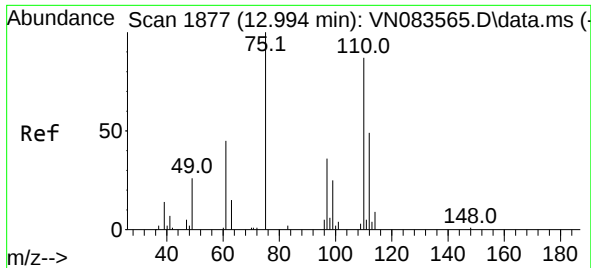
Delta R.T. 0.006 min

Lab File: VN083730.D

Acq: 09 Sep 2024 20:36

Tgt Ion:	152	Resp:	127609
Ion Ratio	Lower	Upper	
152	100		
115	63.5	32.2	96.6
150	154.4	0.0	348.6

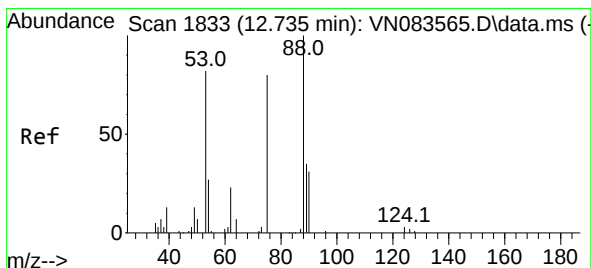
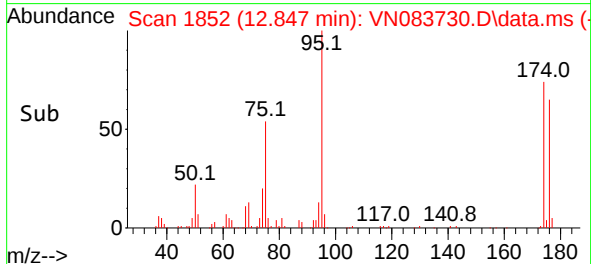
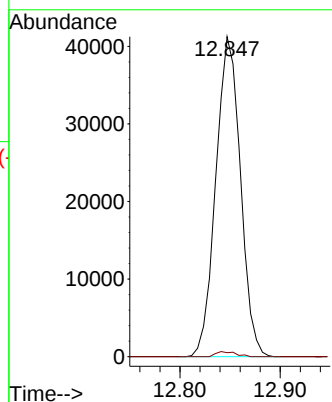
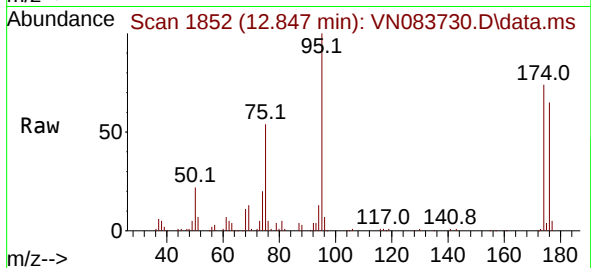




#76
1,2,3-Trichloropropane
Concen: 27.312 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 70367
Ion Ratio Lower Upper
75 100
77 1.3 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.418 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083730.D
Acq: 09 Sep 2024 20:36

Tgt Ion: 75 Resp: 70367
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

