

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083908.D
 Acq On : 16 Sep 2024 10:52
 Operator : JC\MD
 Sample : VN0916WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 02:27:55 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)

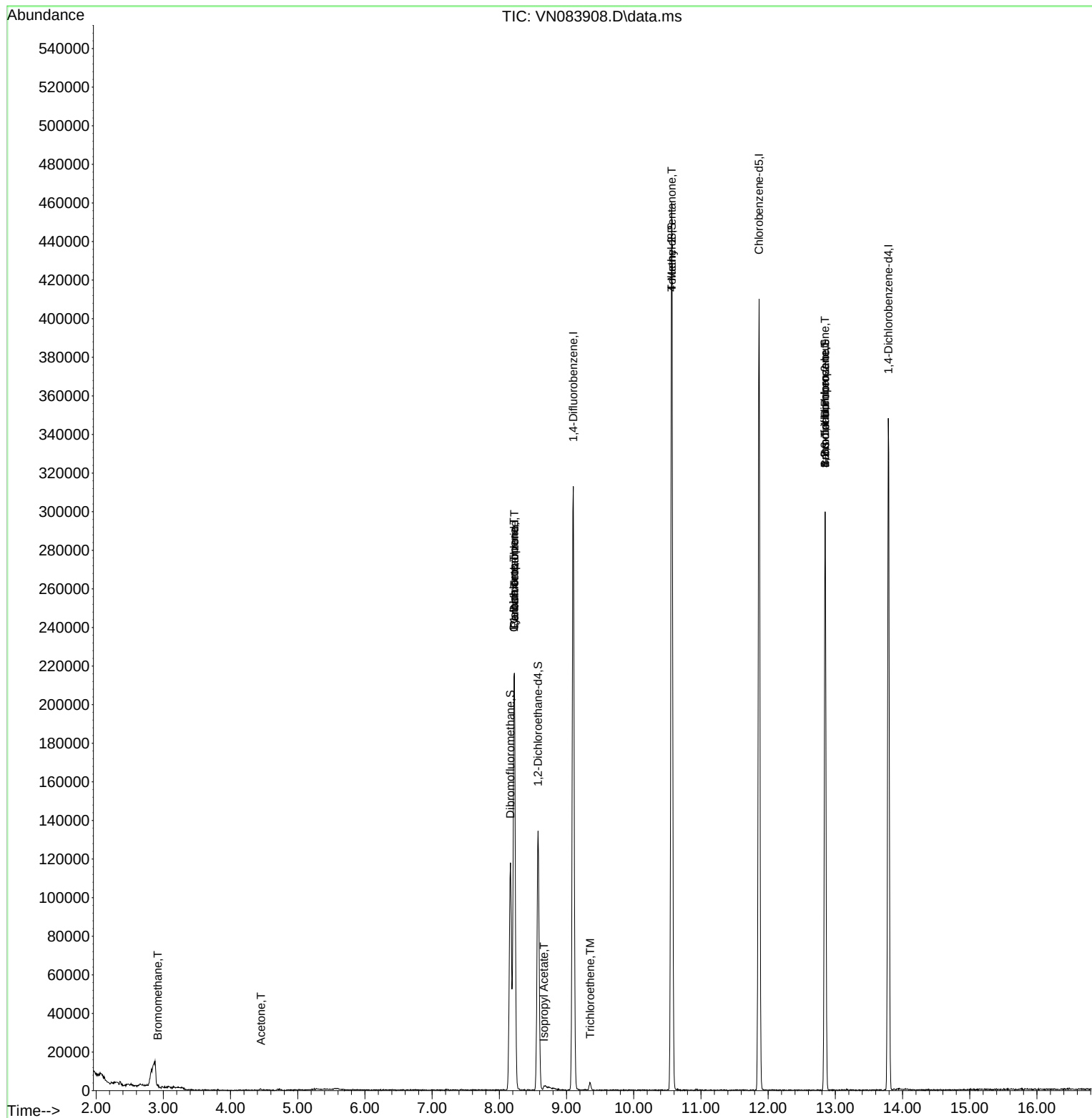
Internal Standards						
1) Pentafluorobenzene	8.224	168	145528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114299	52.088	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.180%			
35) Dibromofluoromethane	8.165	113	81750	50.576	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.160%			
50) Toluene-d8	10.565	98	303803	54.368	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.740%			
62) 4-Bromofluorobenzene	12.847	95	101318	43.947	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.900%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1772	Below Cal	#	84
5) Bromomethane	2.918	94	496	0.466	ug/l #	66
16) Acetone	4.453	43	995	1.131	ug/l #	45
18) Methyl Acetate	5.018	43	88	Below Cal	#	52
31) Cyclohexane	8.218	56	4129	1.302	ug/l #	40
36) 1,1-Dichloropropene	8.218	75	14393	5.916	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17642	6.392	ug/l #	15
43) Isopropyl Acetate	8.665	43	1299	0.325	ug/l #	57
44) Trichloroethene	9.353	130	1543	0.910	ug/l	100
51) 4-Methyl-2-Pentanone	10.565	43	1509	0.693	ug/l #	1
71) Bromoform	12.847	173	610	0.547	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	57771	32.446	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57771	84.978	ug/l #	9

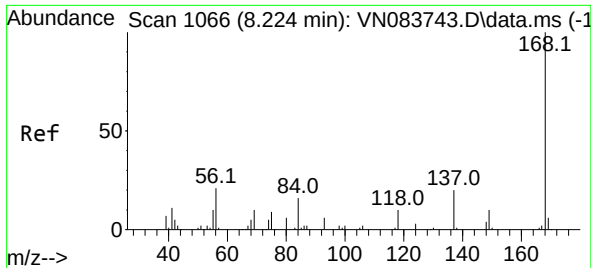
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
Data File : VN083908.D
Acq On : 16 Sep 2024 10:52
Operator : JC\MD
Sample : VN0916WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

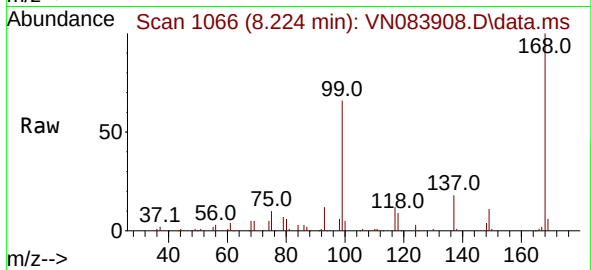
Quant Time: Sep 17 02:27:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



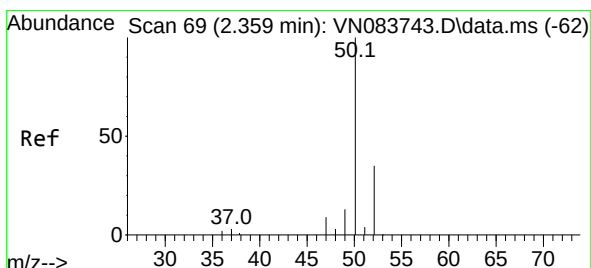
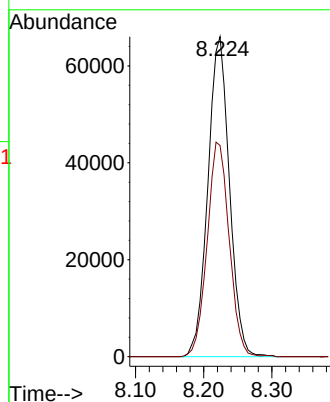
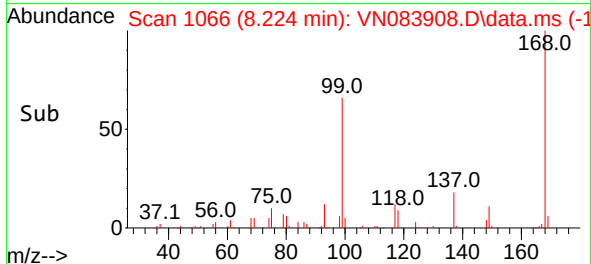


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

Instrument :
MSVOA_N
ClientSampleId :

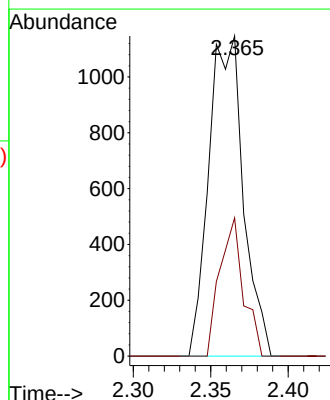
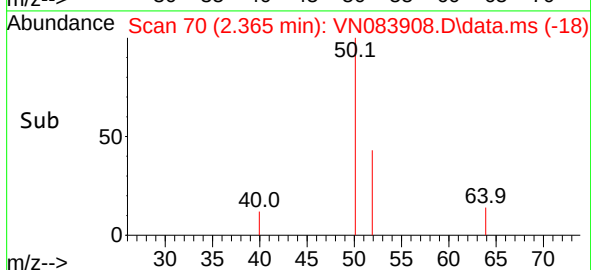
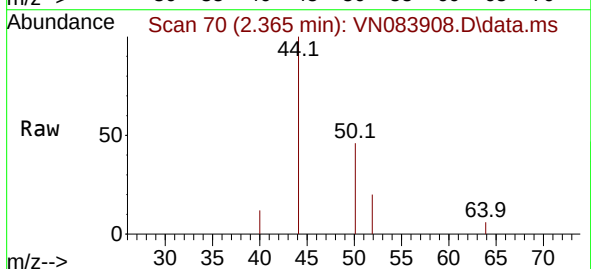


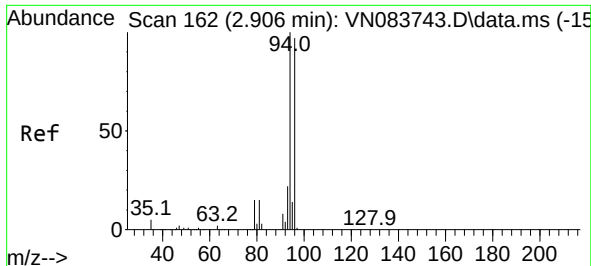
Tgt Ion:168 Resp: 145528
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

Tgt Ion: 50 Resp: 1772
Ion Ratio Lower Upper
50 100
52 43.2 27.2 40.8#

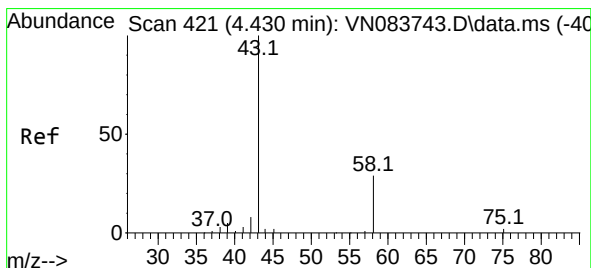
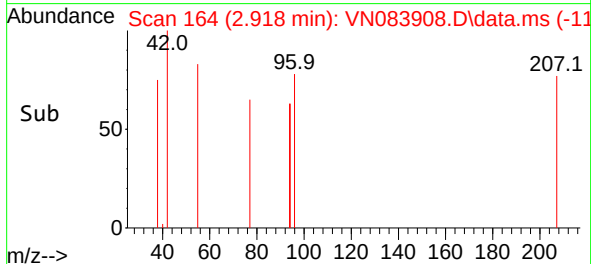
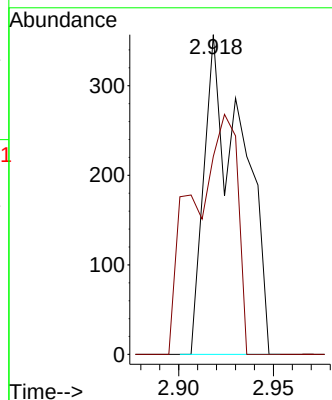
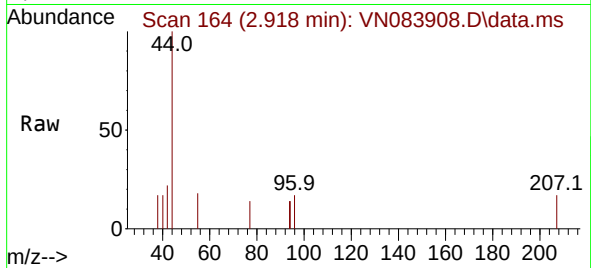




#5
Bromomethane
Concen: 0.466 ug/l
RT: 2.918 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

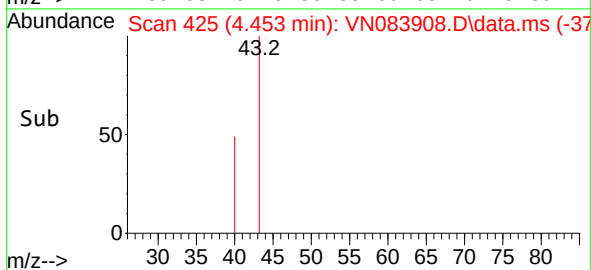
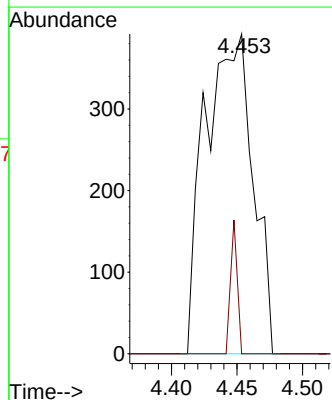
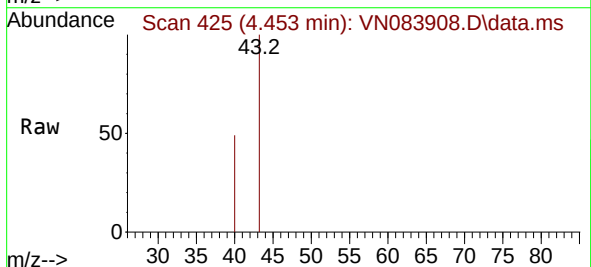
Instrument :
MSVOA_N
ClientSampleId :

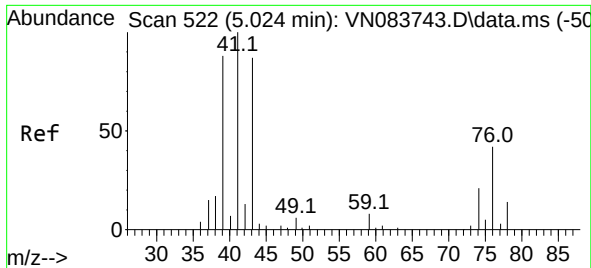
Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 61.9 76.0 114.0#



#16
Acetone
Concen: 1.131 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

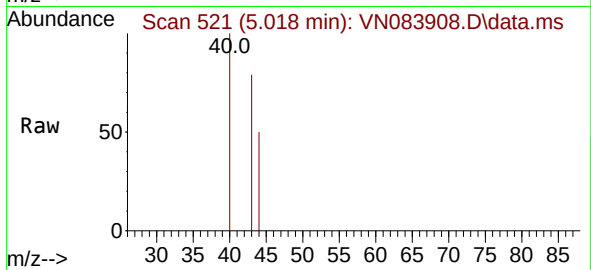
Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



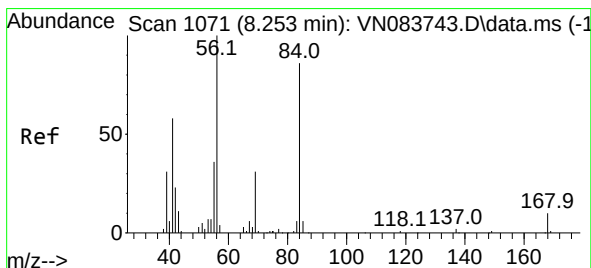
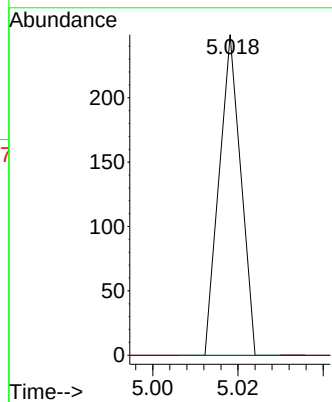
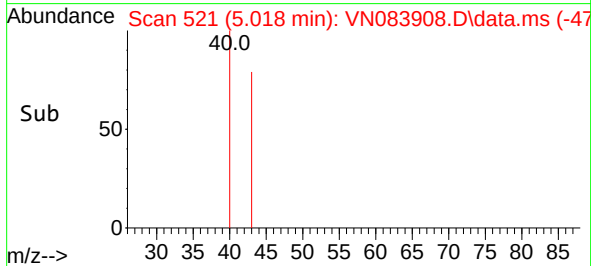


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

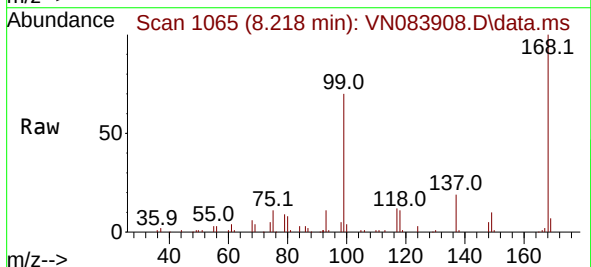
Instrument :
MSVOA_N
ClientSampleId :



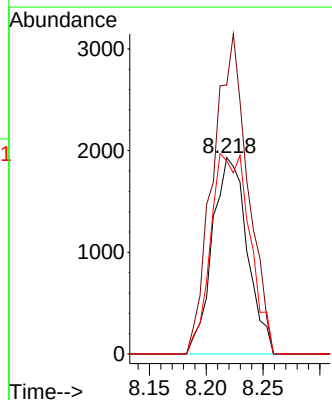
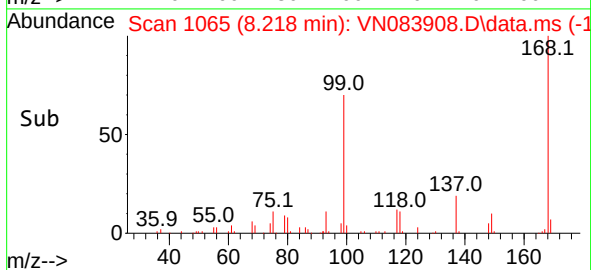
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

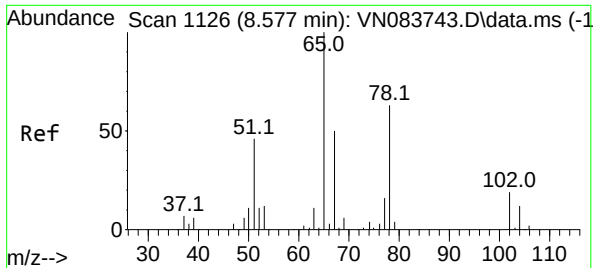


#31
Cyclohexane
Concen: 1.302 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52



Tgt Ion: 56 Resp: 4129
Ion Ratio Lower Upper
56 100
69 137.0 26.9 40.3#
84 98.4 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 52.088 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083908.D

Acq: 16 Sep 2024 10:52

Instrument :

MSVOA_N

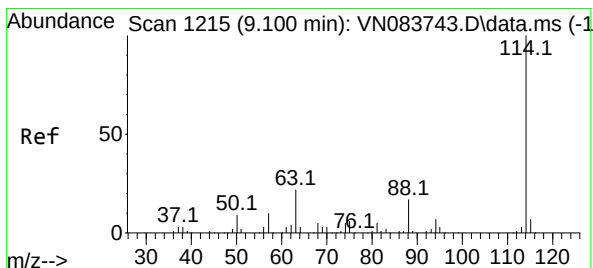
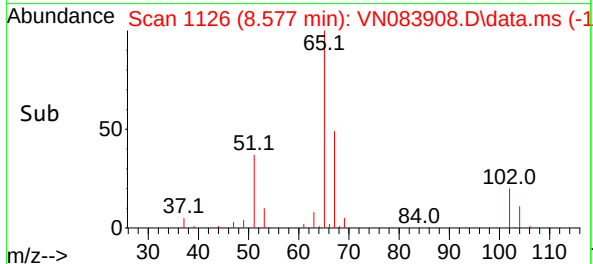
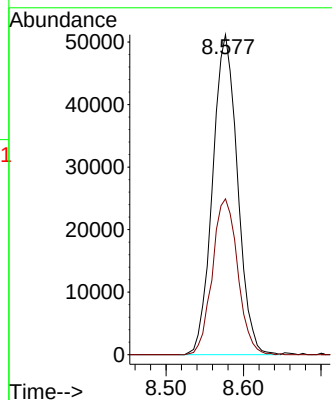
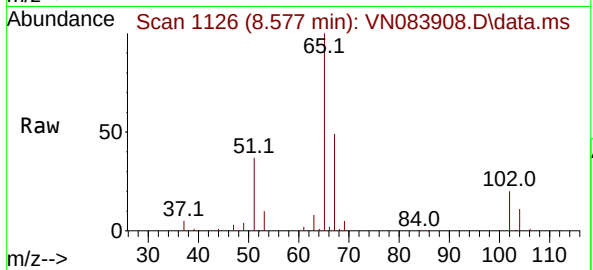
ClientSampleId :

Tgt Ion: 65 Resp: 114299

Ion Ratio Lower Upper

65 100

67 49.6 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: VN083908.D

Acq: 16 Sep 2024 10:52

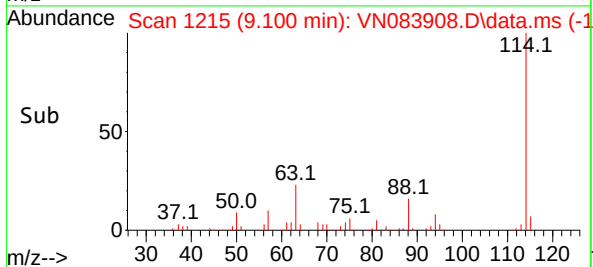
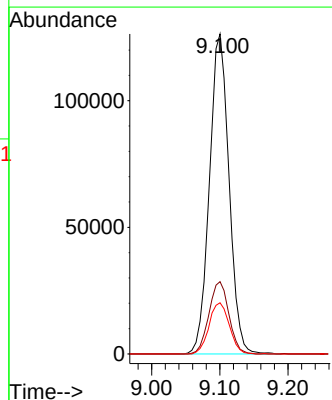
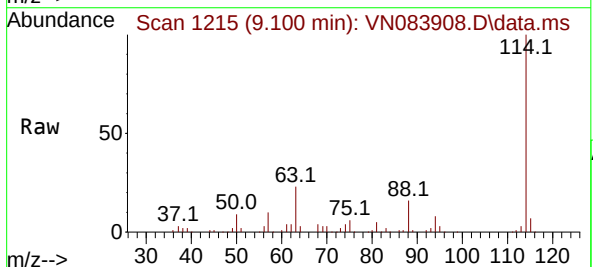
Tgt Ion: 114 Resp: 252486

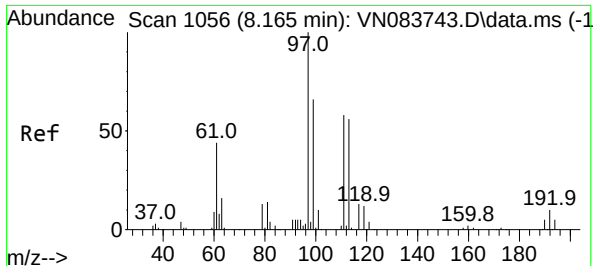
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.576 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083908.D

Acq: 16 Sep 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

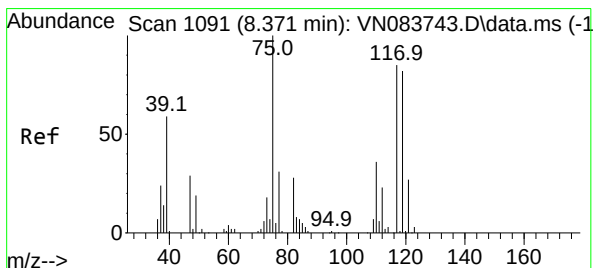
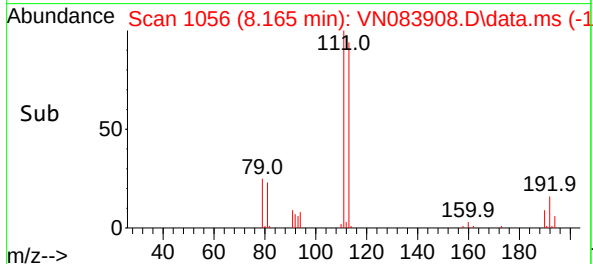
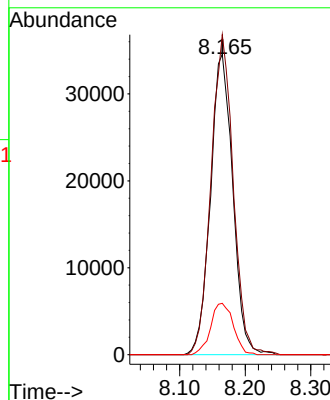
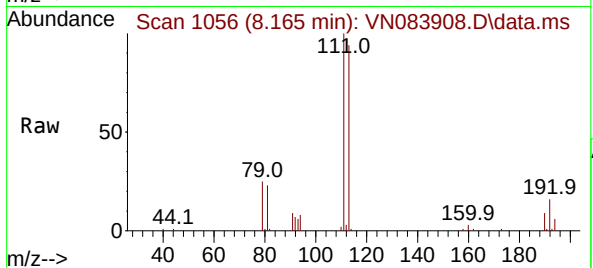
Tgt Ion:113 Resp: 81750

Ion Ratio Lower Upper

113 100

111 105.8 82.6 124.0

192 17.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.916 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083908.D

Acq: 16 Sep 2024 10:52

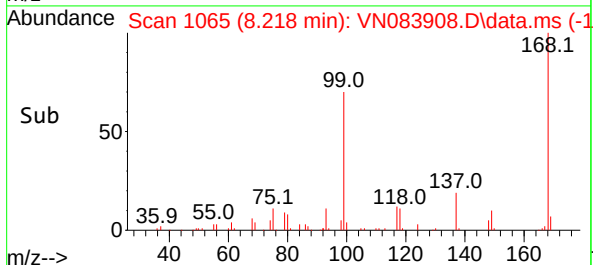
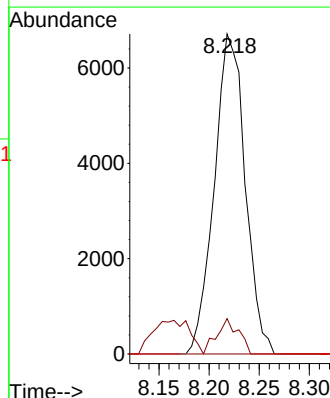
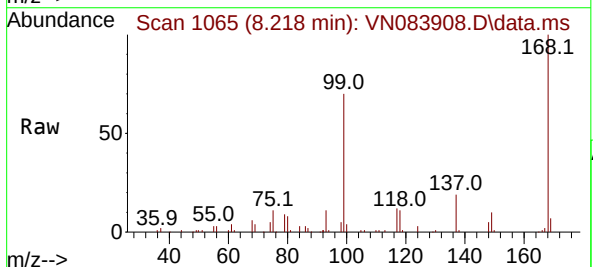
Tgt Ion: 75 Resp: 14393

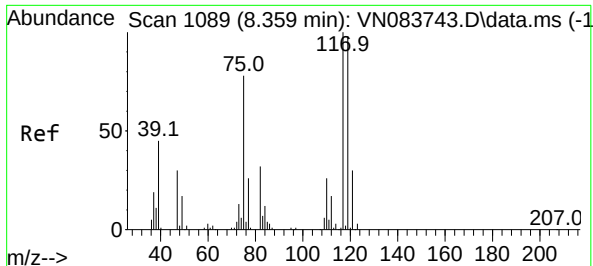
Ion Ratio Lower Upper

75 100

110 7.8 16.7 50.1#

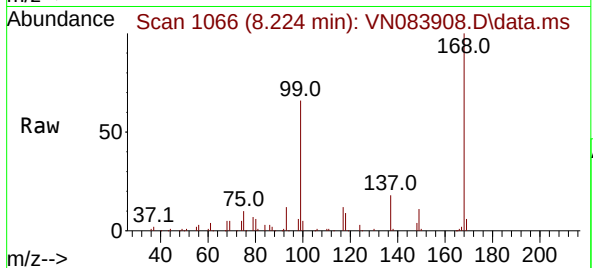
77 0.0 25.2 37.8#



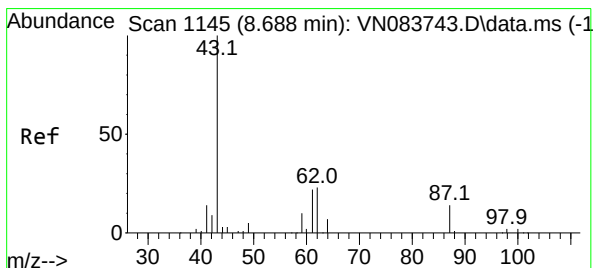
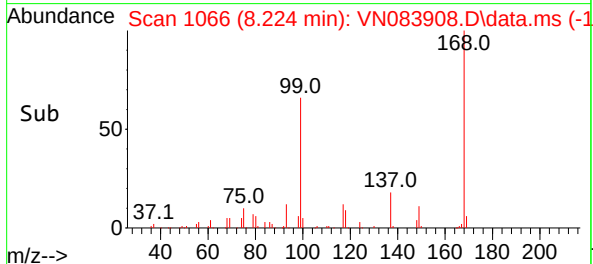
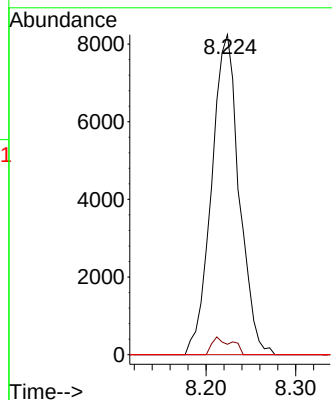


#38
Carbon Tetrachloride
Concen: 6.392 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

Instrument :
MSVOA_N
ClientSampleId :

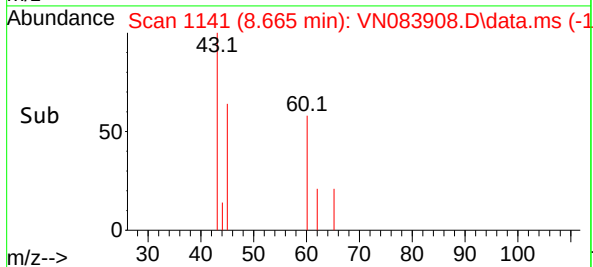
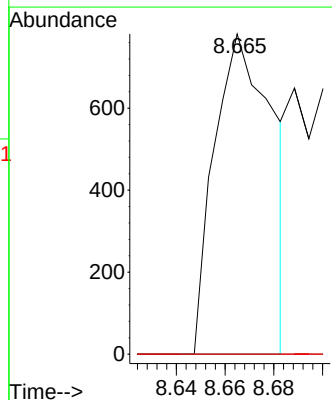
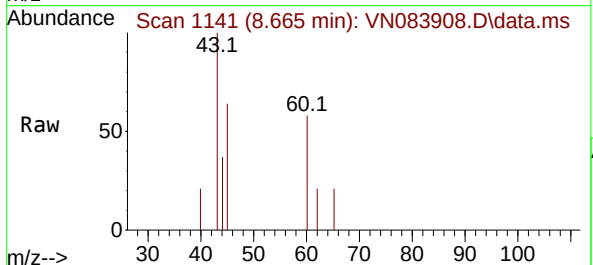


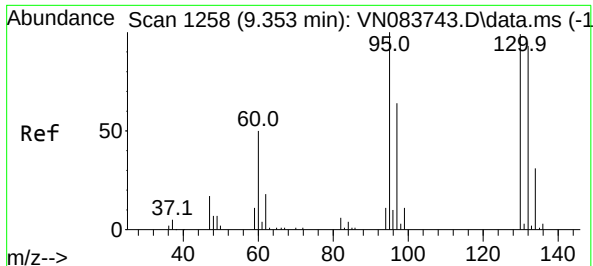
Tgt Ion:117 Resp: 17642
Ion Ratio Lower Upper
117 100
119 3.3 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.325 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

Tgt Ion: 43 Resp: 1299
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

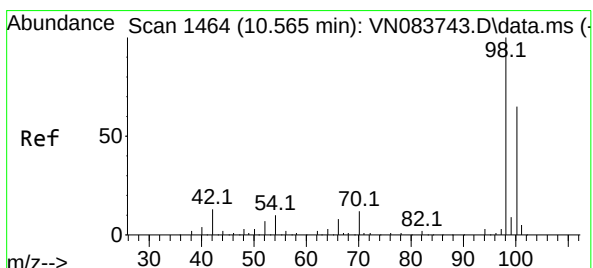
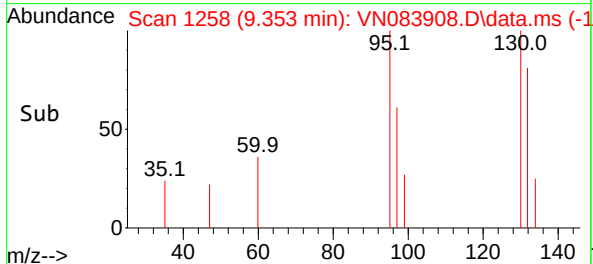
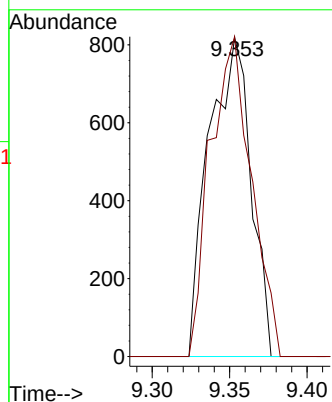
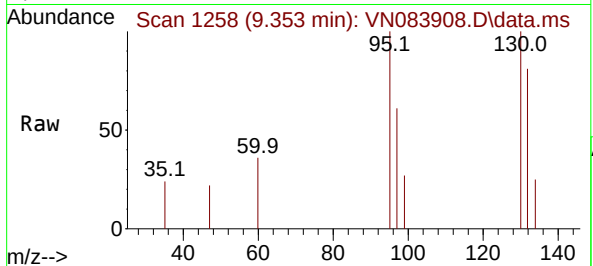




#44
Trichloroethene
Concen: 0.910 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

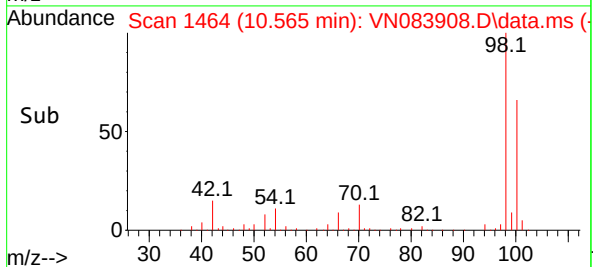
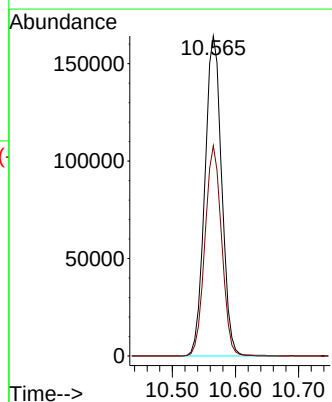
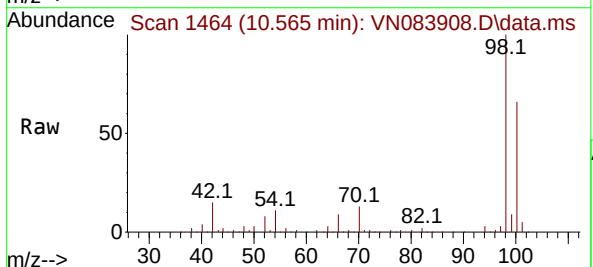
Instrument :
MSVOA_N
ClientSampleId :

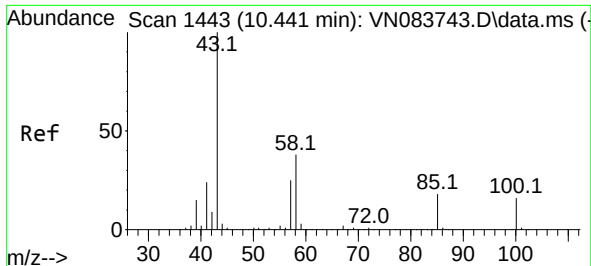
Tgt Ion:130 Resp: 1543
Ion Ratio Lower Upper
130 100
95 100.2 0.0 200.4



#50
Toluene-d8
Concen: 54.368 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

Tgt Ion: 98 Resp: 303803
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.693 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.124 min

Lab File: VN083908.D

Acq: 16 Sep 2024 10:52

Instrument :

MSVOA_N

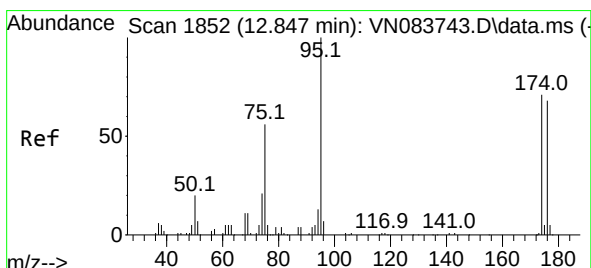
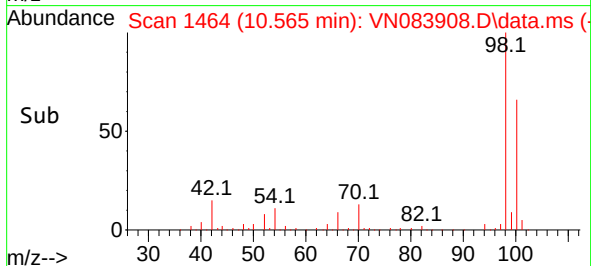
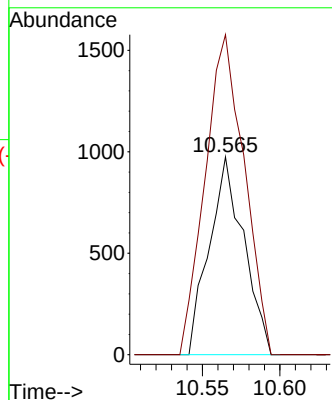
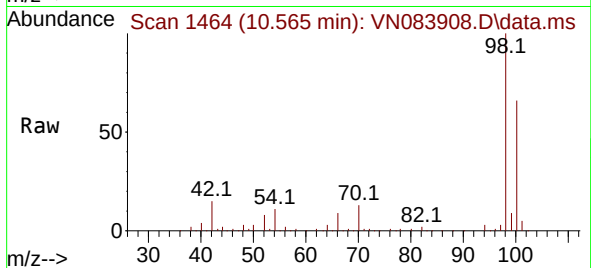
ClientSampleId :

Tgt Ion: 43 Resp: 1509

Ion Ratio Lower Upper

43 100

58 183.6 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 43.947 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083908.D

Acq: 16 Sep 2024 10:52

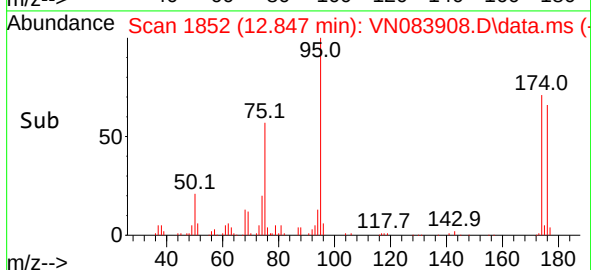
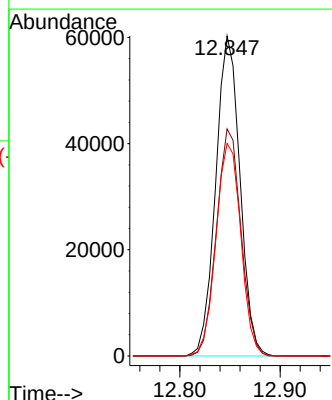
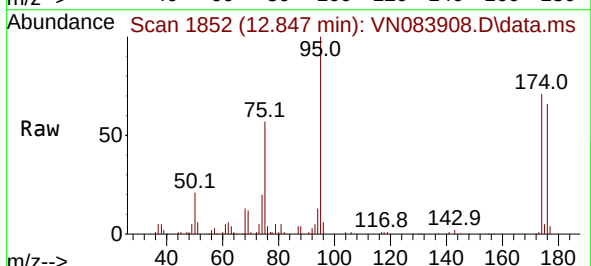
Tgt Ion: 95 Resp: 101318

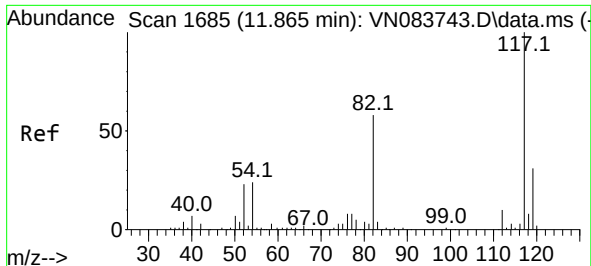
Ion Ratio Lower Upper

95 100

174 71.9 0.0 139.8

176 68.0 0.0 131.4

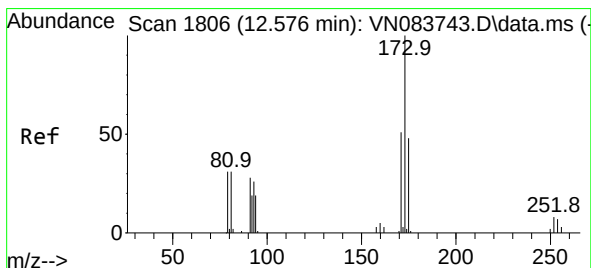
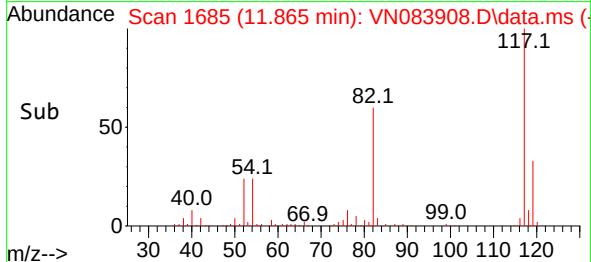
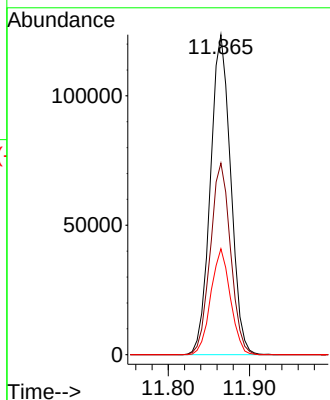
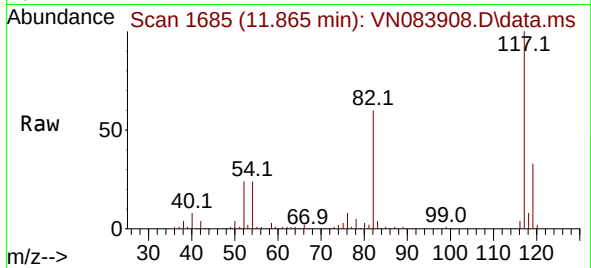




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

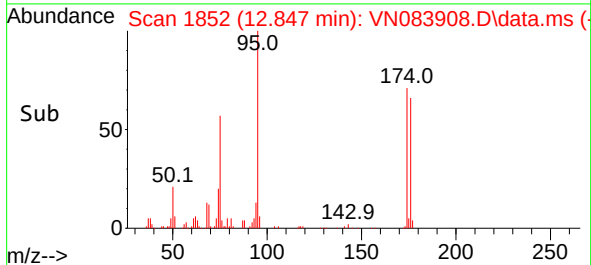
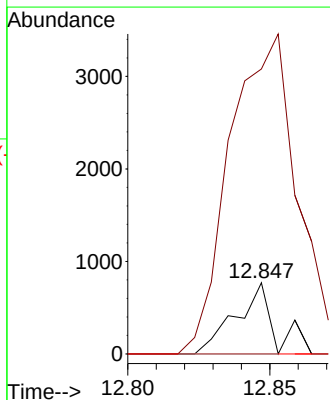
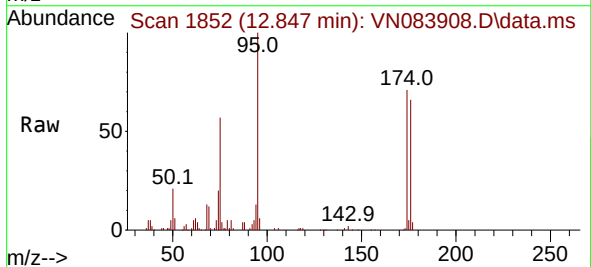
Instrument :
MSVOA_N
ClientSampleId :

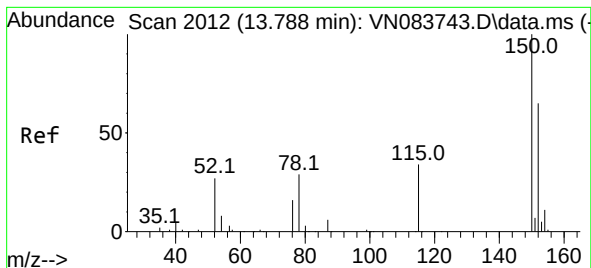
Tgt Ion:117 Resp: 214846
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.0
119 33.1 26.3 39.5



#71
Bromoform
Concen: 0.547 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

Tgt Ion:173 Resp: 610
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: VN083908.D

Acq: 16 Sep 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

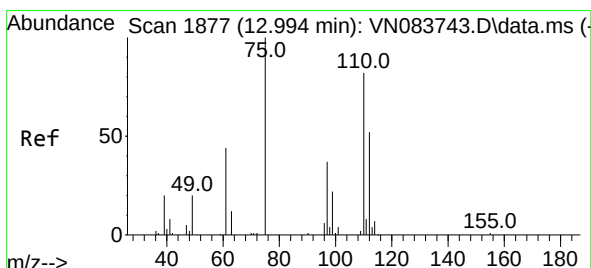
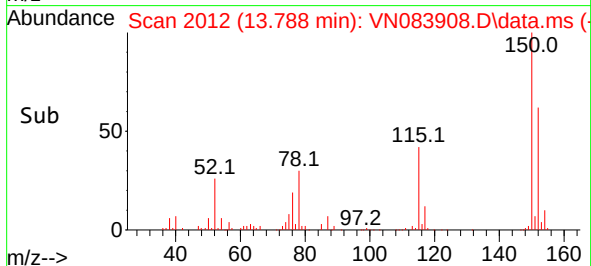
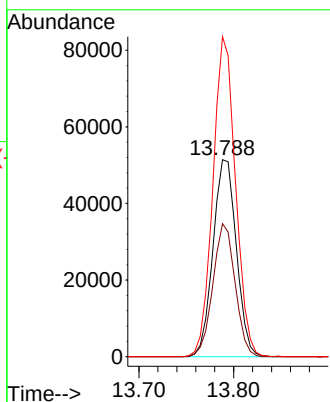
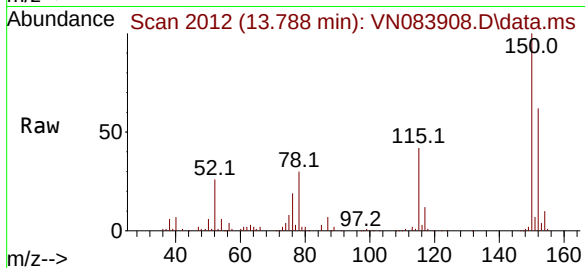
Tgt Ion:152 Resp: 88241

Ion Ratio Lower Upper

152 100

115 64.2 32.2 96.6

150 156.7 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 32.446 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083908.D

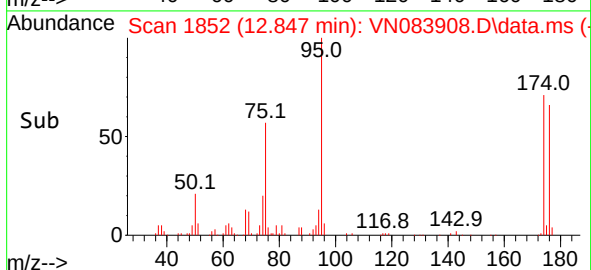
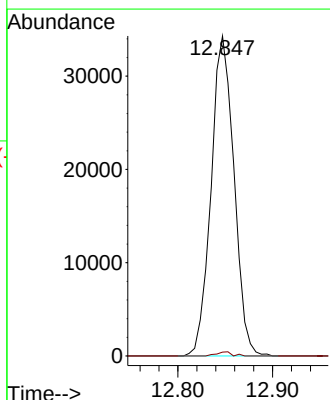
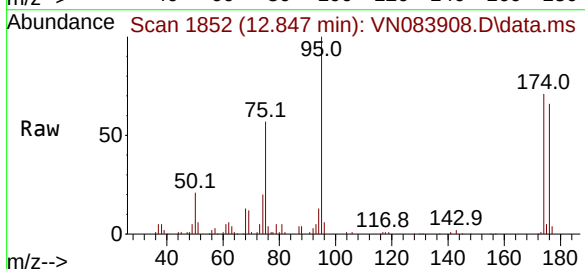
Acq: 16 Sep 2024 10:52

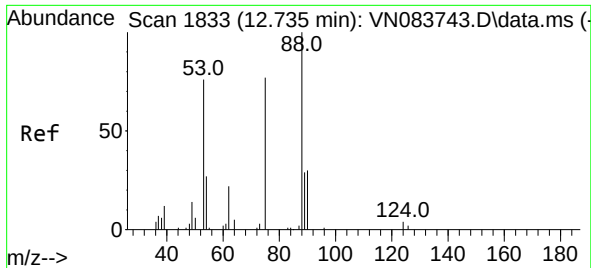
Tgt Ion: 75 Resp: 57771

Ion Ratio Lower Upper

75 100

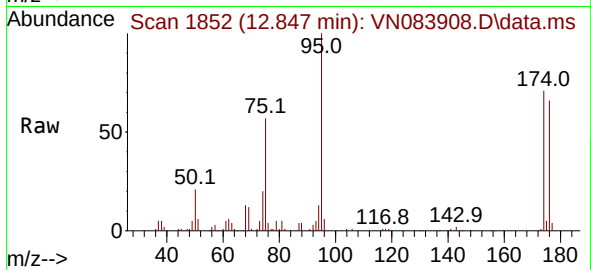
77 0.9 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.978 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083908.D
 Acq: 16 Sep 2024 10:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 57771
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

