

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083241.D
 Acq On : 12 Aug 2024 16:36
 Operator : JC\MD
 Sample : P3530-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 13 04:22:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	136029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	110618	57.131	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.260%	
35) Dibromofluoromethane	8.171	113	85361	52.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.100%	
50) Toluene-d8	10.565	98	322440	52.710	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	12.847	95	131198	55.014	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 110.020%	

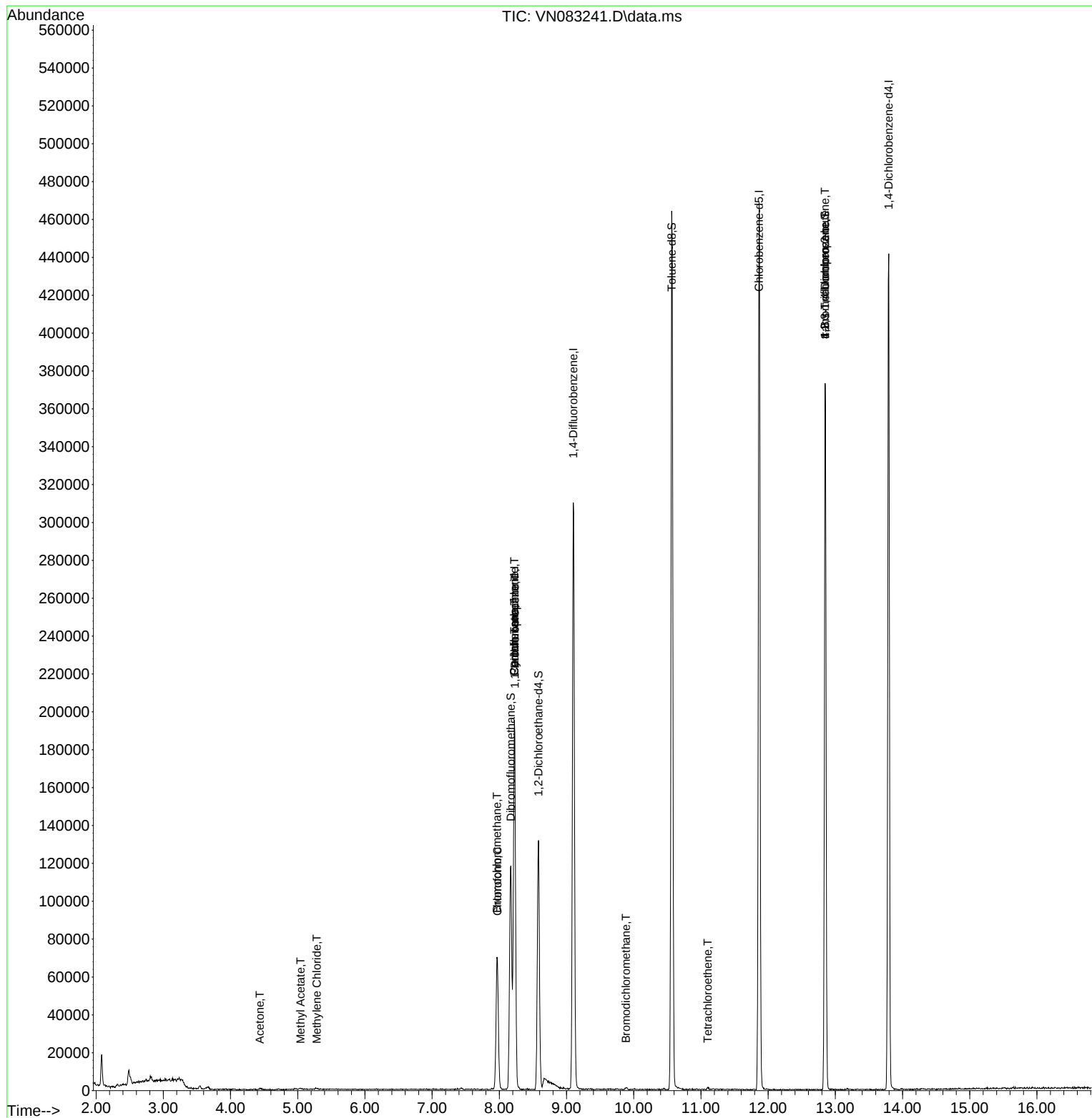
Target Compounds			Qvalue			
16) Acetone	4.436	43	1367	1.804	ug/l #	48
18) Methyl Acetate	5.042	43	811	0.359	ug/l #	56
20) Methylene Chloride	5.283	84	372	0.213	ug/l #	34
28) Bromochloromethane	7.965	49	5722	4.796	ug/l #	21
30) Chloroform	7.971	83	66769	22.013	ug/l	99
31) Cyclohexane	8.224	56	3660	1.276	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	12131	4.890	ug/l #	50
38) Carbon Tetrachloride	8.224	117	15110	5.408	ug/l #	16
43) Isopropyl Acetate	8.665	43	2993	Below Cal	#	60
47) Bromodichloromethane	9.883	83	1042	0.370	ug/l #	75
64) Tetrachloroethene	11.100	164	420	0.239	ug/l #	83
76) 1,2,3-Trichloropropane	12.847	75	73147	28.465	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73147	61.918	ug/l #	6

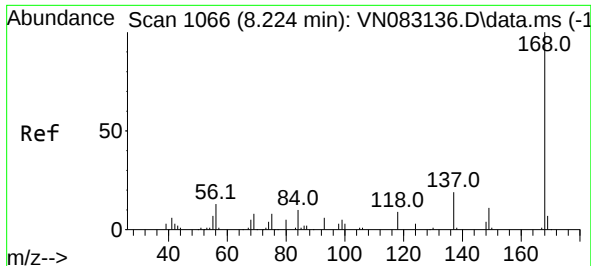
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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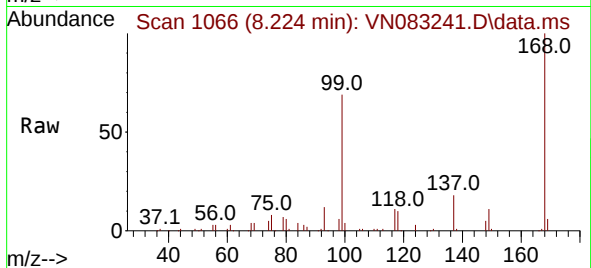
Quant Time: Aug 13 04:22:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



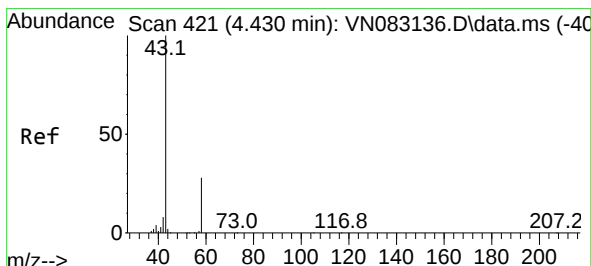
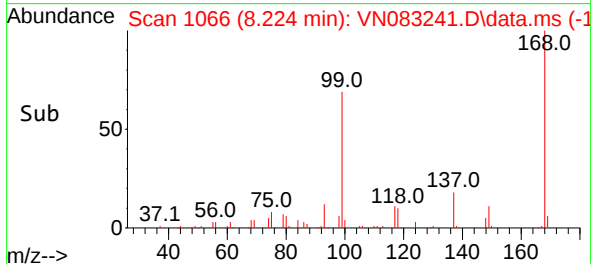
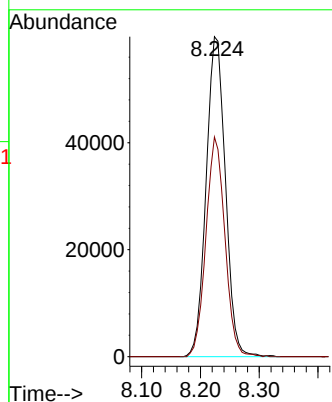


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083241.D
Acq: 12 Aug 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :

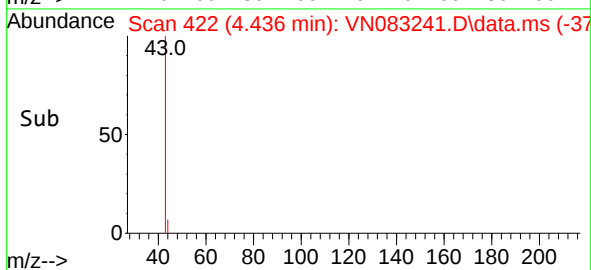
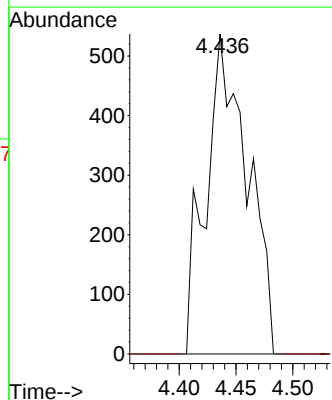
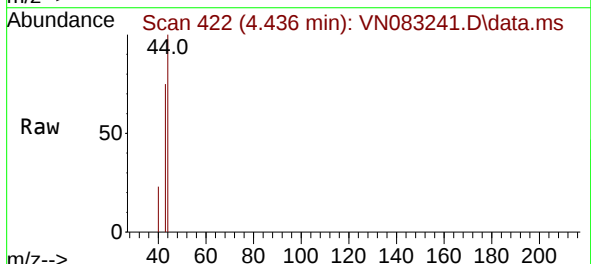


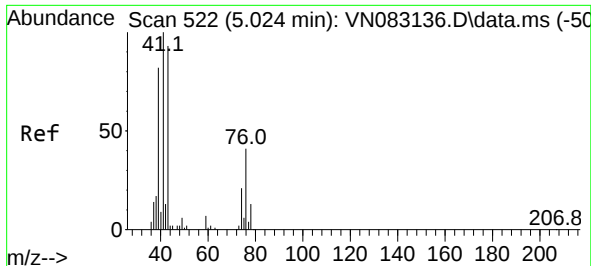
Tgt Ion:168 Resp: 136029
Ion Ratio Lower Upper
168 100
99 68.7 48.2 72.4



#16
Acetone
Concen: 1.804 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083241.D
Acq: 12 Aug 2024 16:36

Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#





#18

Methyl Acetate

Concen: 0.359 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.018 min

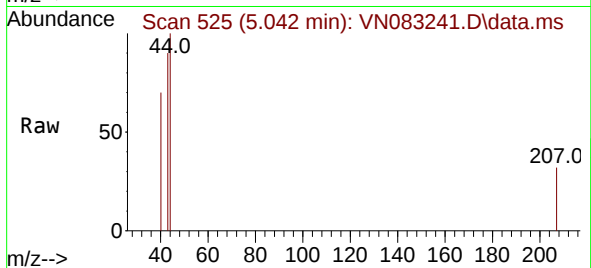
Lab File: VN083241.D

Acq: 12 Aug 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

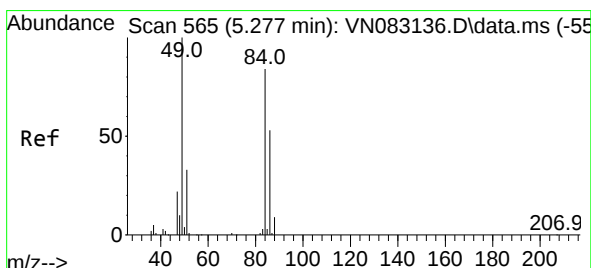
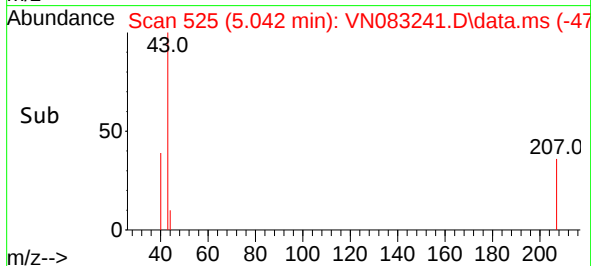
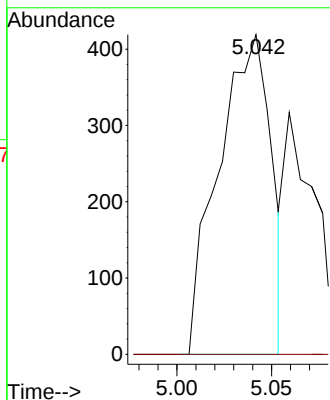


Tgt Ion: 43 Resp: 811

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#20

Methylene Chloride

Concen: 0.213 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN083241.D

Acq: 12 Aug 2024 16:36

Tgt Ion: 84 Resp: 372

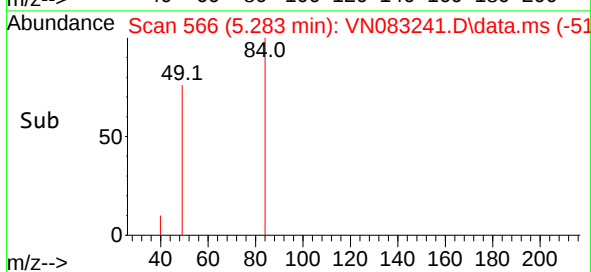
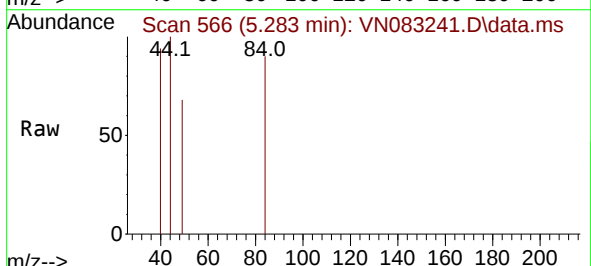
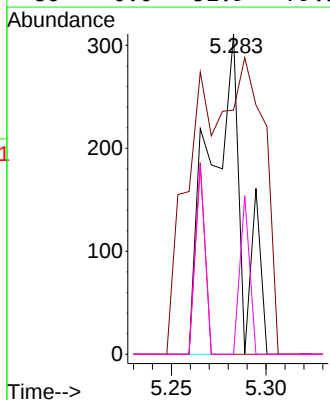
Ion Ratio Lower Upper

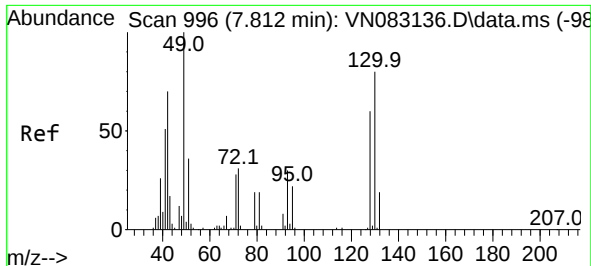
84 100

49 76.2 119.6 179.4#

51 0.0 34.8 52.2#

86 0.0 52.9 79.3#

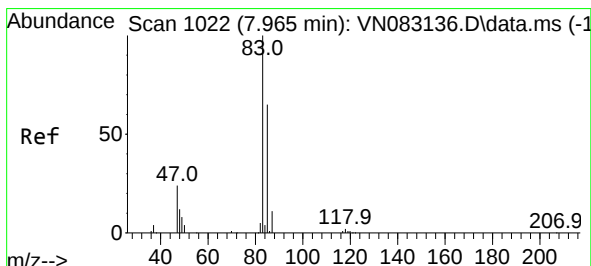
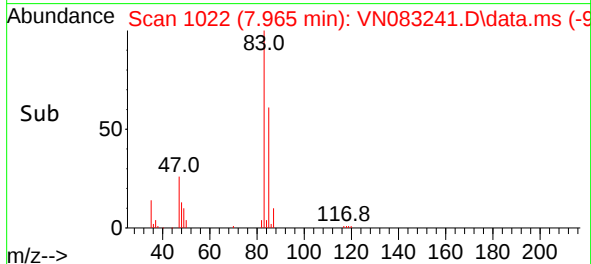
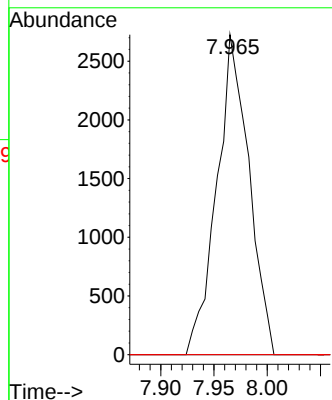
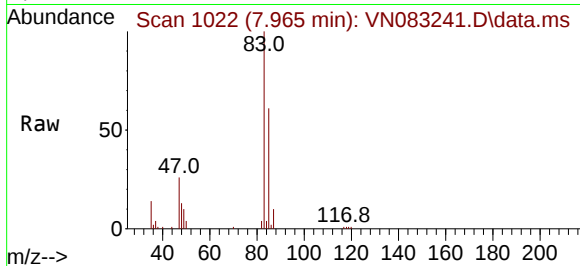




#28
Bromochloromethane
Concen: 4.796 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.153 min
Lab File: VN083241.D
Acq: 12 Aug 2024 16:36

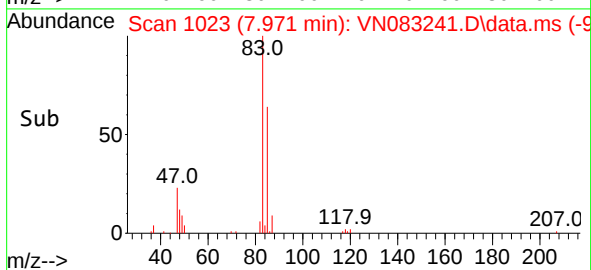
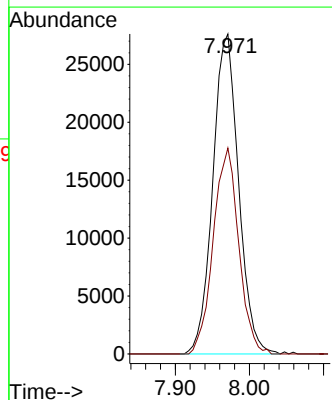
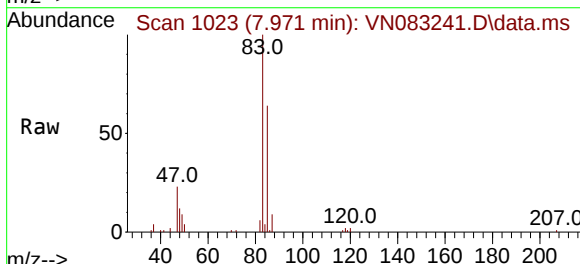
Instrument :
MSVOA_N
ClientSampleId :

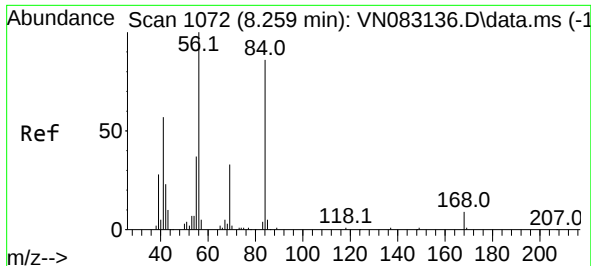
Tgt Ion: 49 Resp: 5722
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 50.5 75.7#



#30
Chloroform
Concen: 22.013 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN083241.D
Acq: 12 Aug 2024 16:36

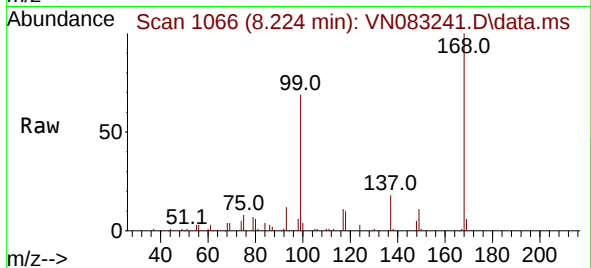
Tgt Ion: 83 Resp: 66769
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3



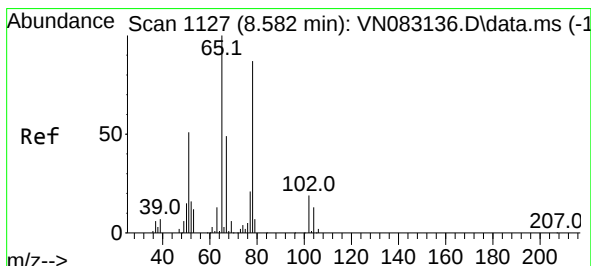
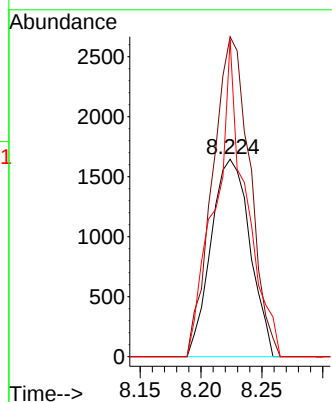
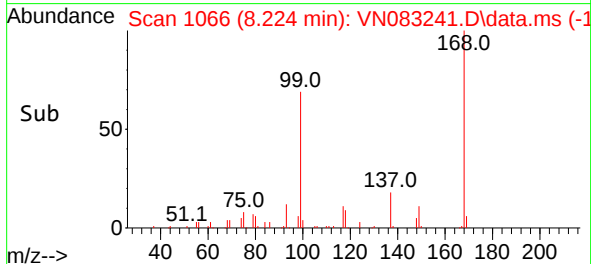


#31
Cyclohexane
Concen: 1.276 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083241.D
Acq: 12 Aug 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :

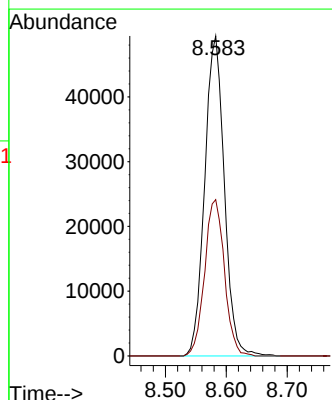
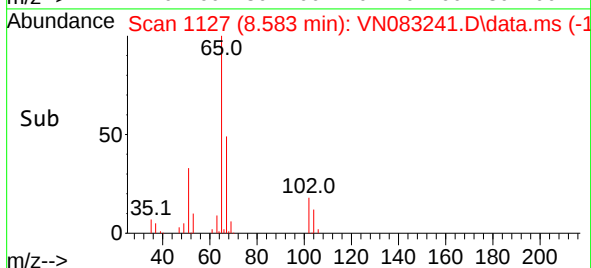
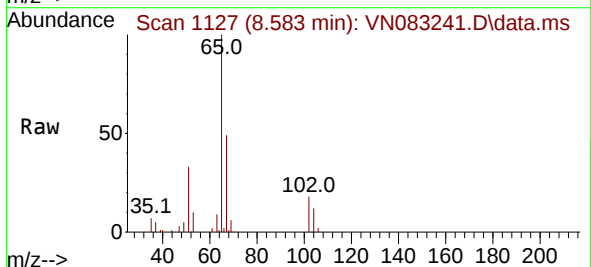


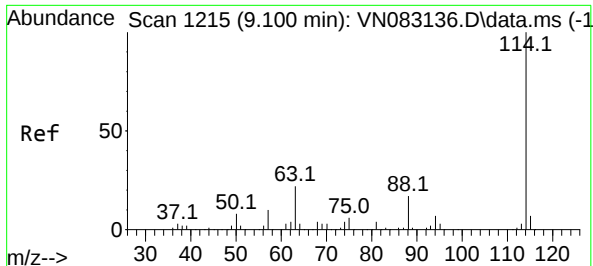
Tgt Ion: 56 Resp: 3660
Ion Ratio Lower Upper
56 100
69 162.1 24.5 36.7#
84 160.6 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 57.131 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083241.D
Acq: 12 Aug 2024 16:36

Tgt Ion: 65 Resp: 110618
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083241.D

Acq: 12 Aug 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

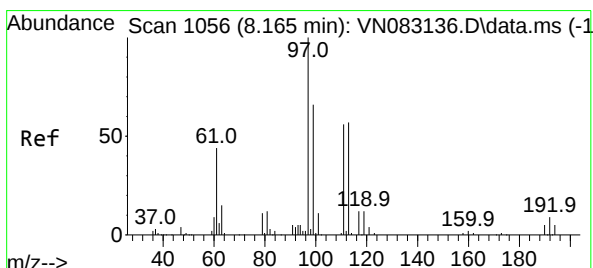
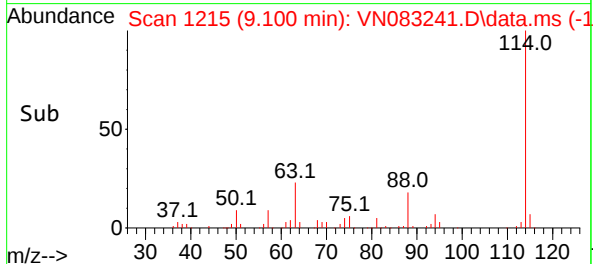
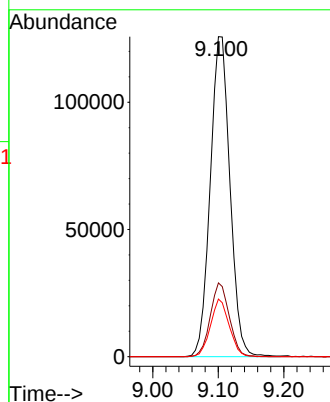
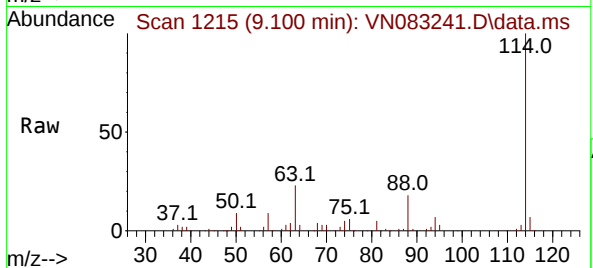
Tgt Ion:114 Resp: 262728

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 18.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.053 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083241.D

Acq: 12 Aug 2024 16:36

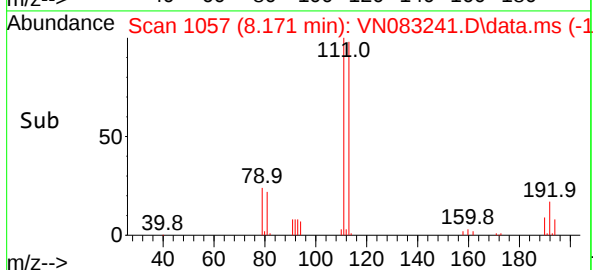
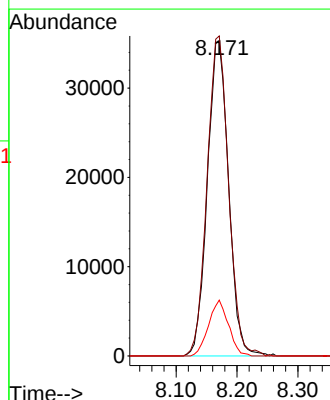
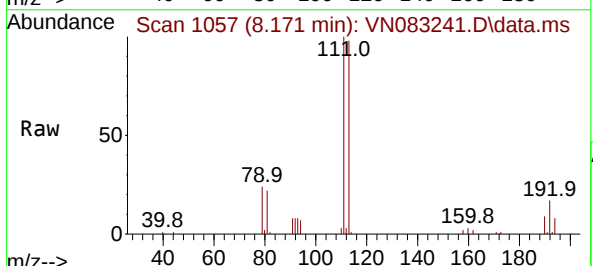
Tgt Ion:113 Resp: 85361

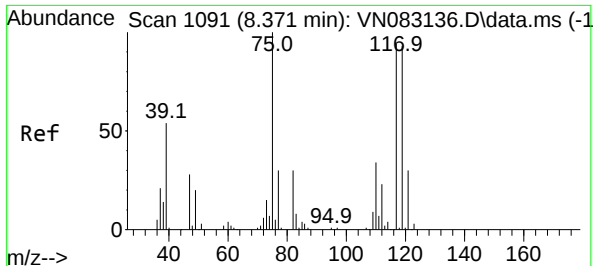
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 16.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.890 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083241.D

Acq: 12 Aug 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

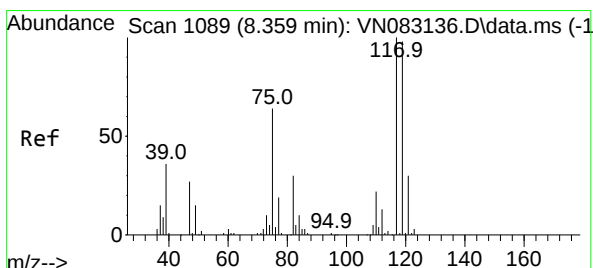
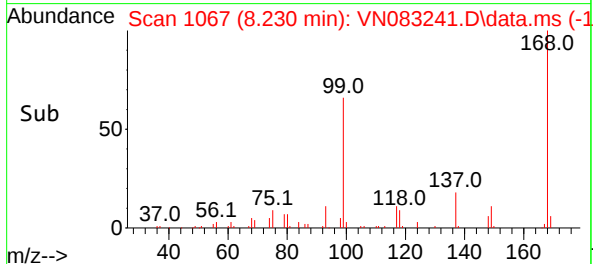
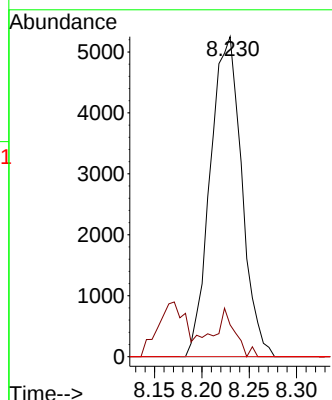
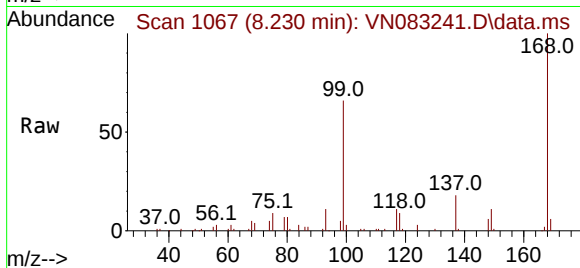
Tgt Ion: 75 Resp: 12131

Ion Ratio Lower Upper

75 100

110 7.3 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.408 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083241.D

Acq: 12 Aug 2024 16:36

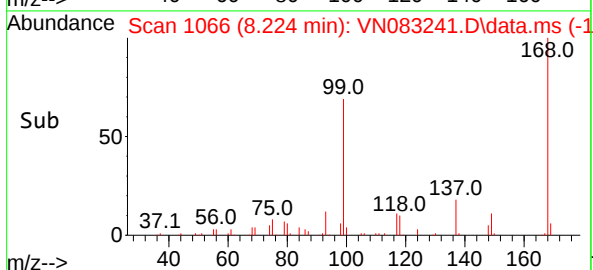
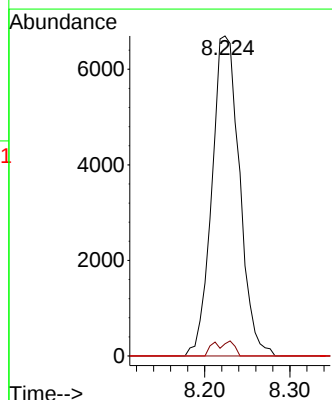
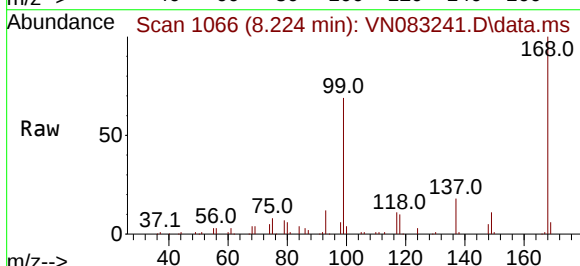
Tgt Ion: 117 Resp: 15110

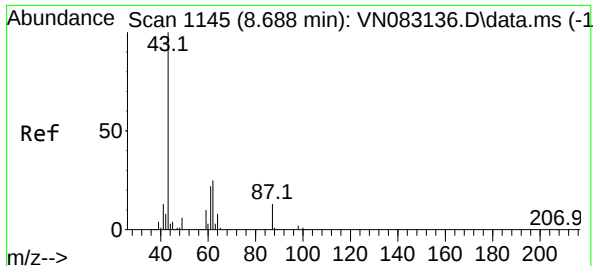
Ion Ratio Lower Upper

117 100

119 3.8 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.665 min Scan# 1141

Delta R.T. -0.023 min

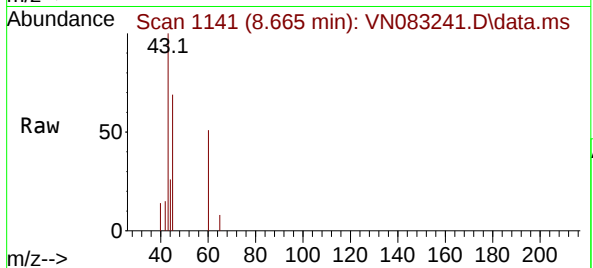
Lab File: VN083241.D

Acq: 12 Aug 2024 16:36

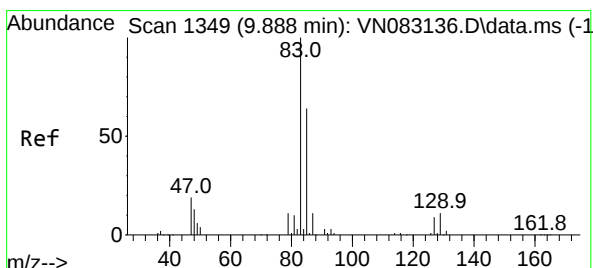
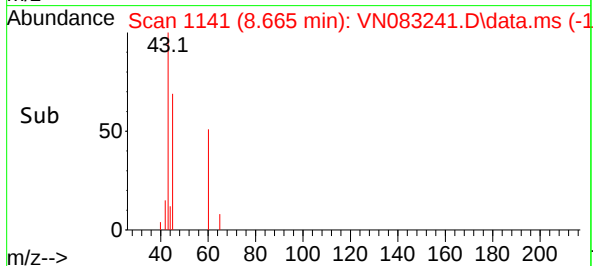
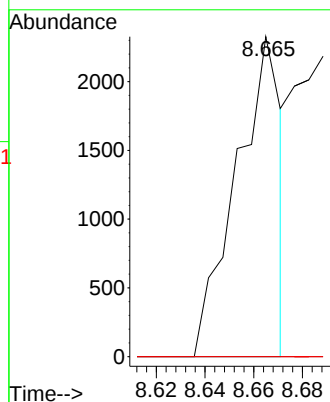
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	2993
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#



#47

Bromodichloromethane

Concen: 0.370 ug/l

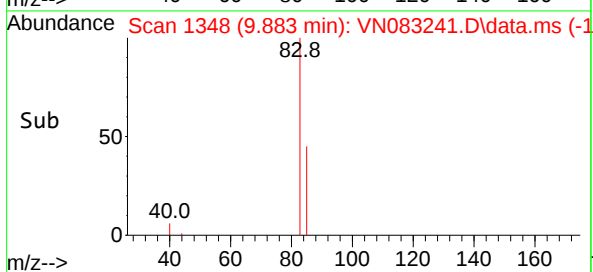
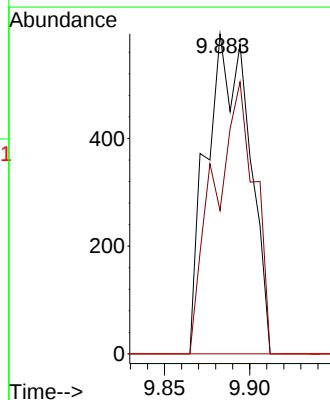
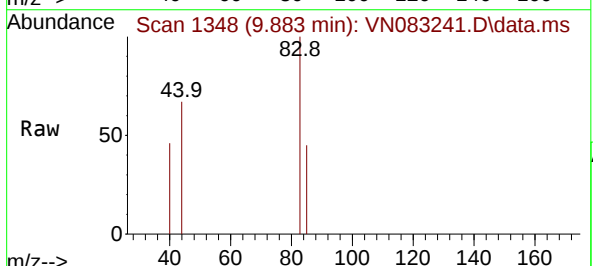
RT: 9.883 min Scan# 1348

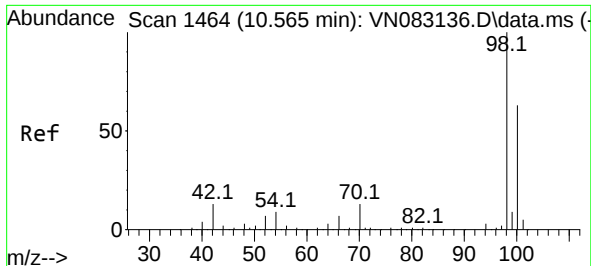
Delta R.T. -0.006 min

Lab File: VN083241.D

Acq: 12 Aug 2024 16:36

Tgt Ion:	83	Resp:	1042
Ion	Ratio	Lower	Upper
83	100		
85	44.8	51.1	76.7#
127	0.0	7.2	10.8#

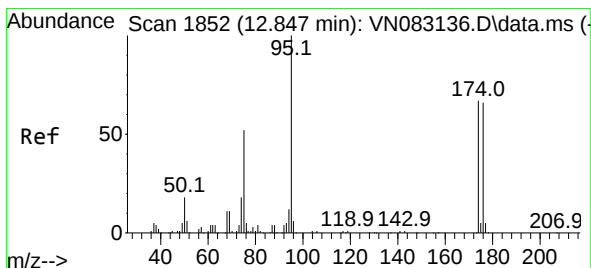
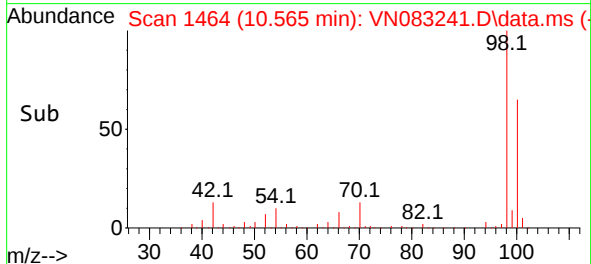
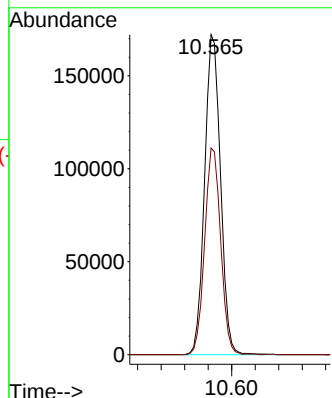
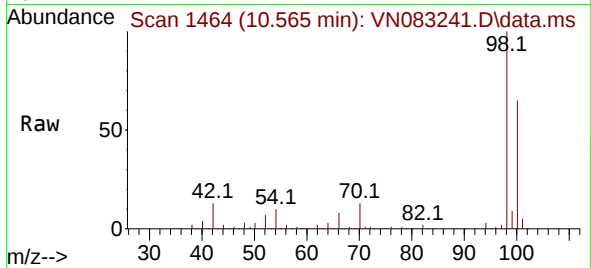




#50
Toluene-d8
Concen: 52.710 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083241.D
Acq: 12 Aug 2024 16:36

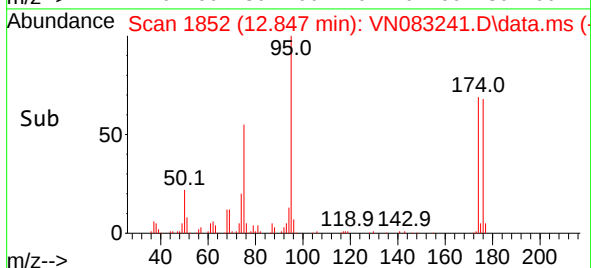
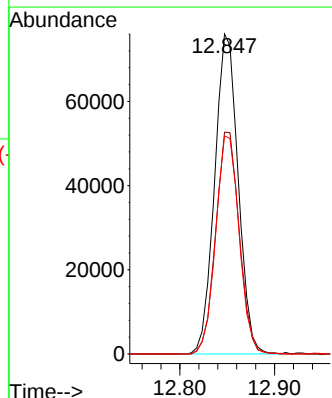
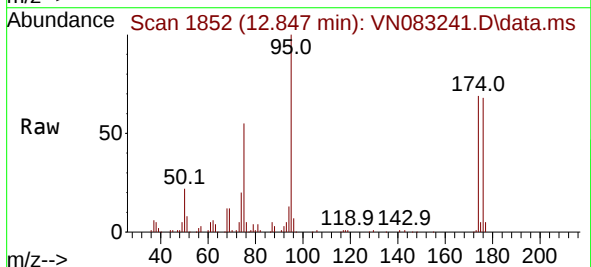
Instrument :
MSVOA_N
ClientSampleId :

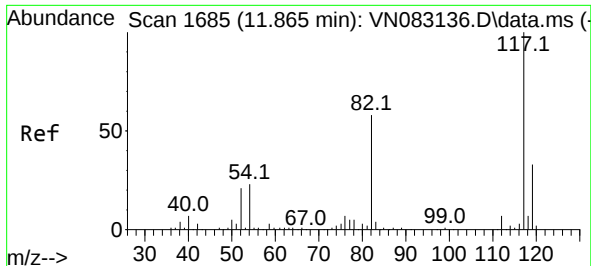
Tgt Ion: 98 Resp: 322440
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 55.014 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083241.D
Acq: 12 Aug 2024 16:36

Tgt Ion: 95 Resp: 131198
Ion Ratio Lower Upper
95 100
174 69.4 0.0 159.2
176 68.1 0.0 147.6

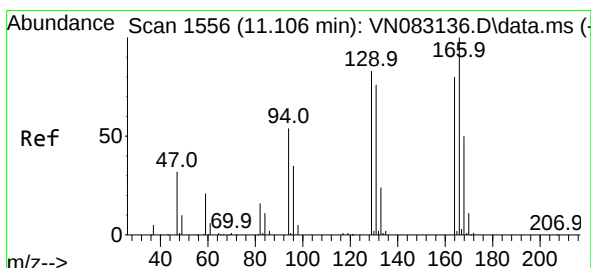
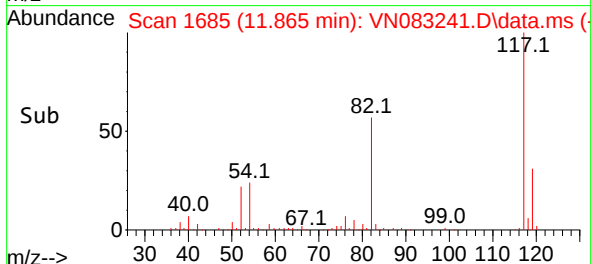
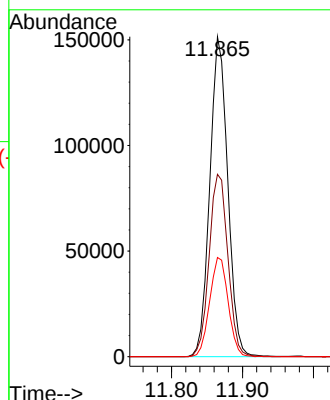
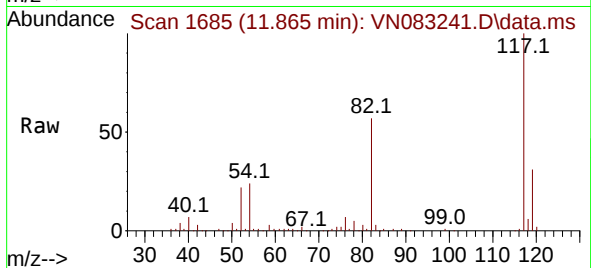




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083241.D
Acq: 12 Aug 2024 16:36

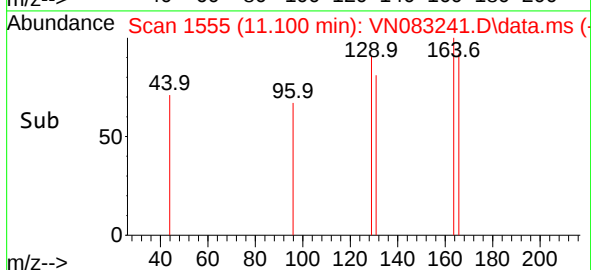
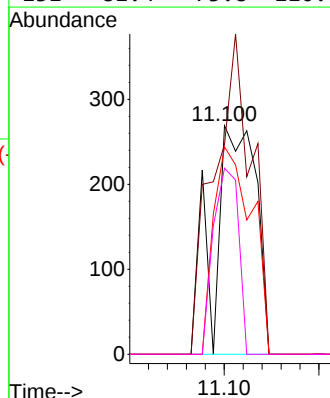
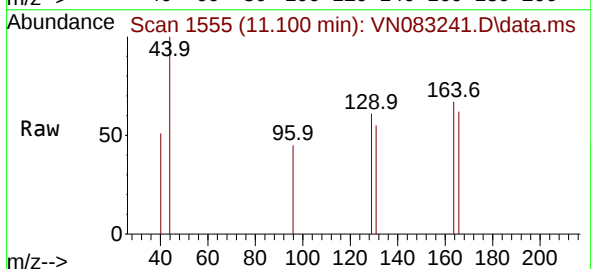
Instrument :
MSVOA_N
ClientSampleId :

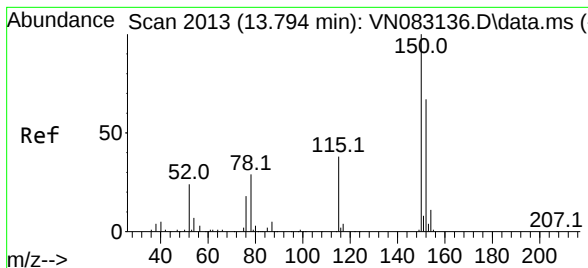
Tgt Ion:117 Resp: 265467
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 31.0 25.6 38.4



#64
Tetrachloroethene
Concen: 0.239 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN083241.D
Acq: 12 Aug 2024 16:36

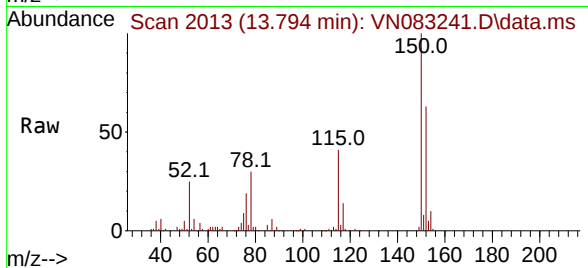
Tgt Ion:164 Resp: 420
Ion Ratio Lower Upper
164 100
166 91.8 101.4 152.0#
129 90.7 75.7 113.5
131 81.4 73.8 110.6



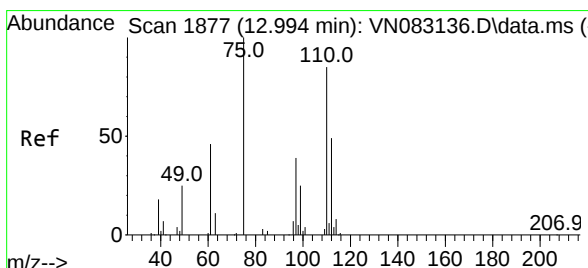
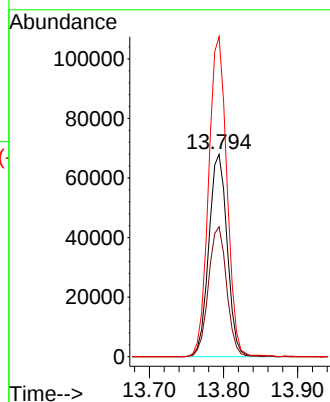
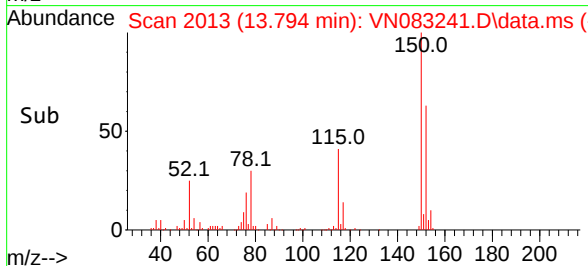


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN083241.D
 Acq: 12 Aug 2024 16:36

Instrument :
 MSVOA_N
 ClientSampleId :

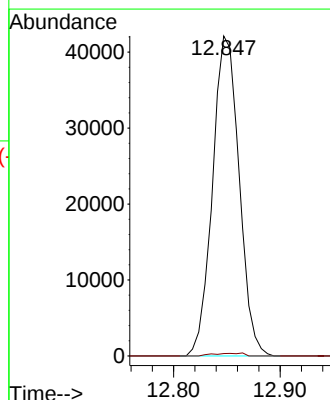
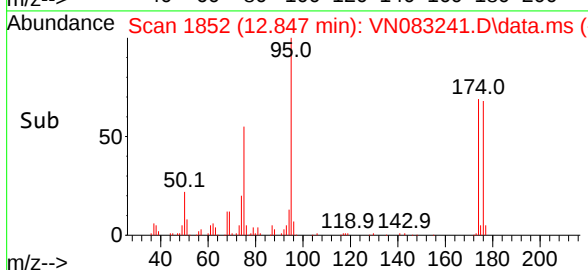
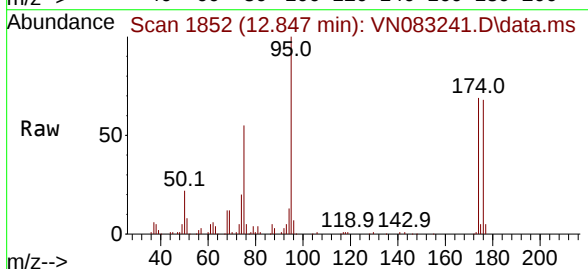


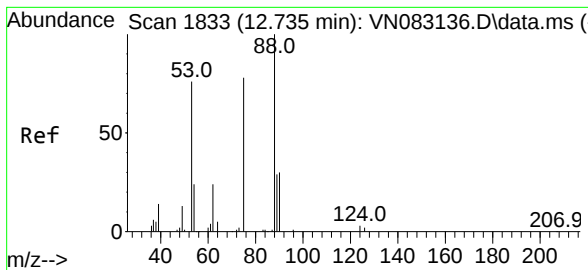
Tgt Ion:152 Resp: 117085
 Ion Ratio Lower Upper
 152 100
 115 63.6 30.6 91.6
 150 157.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.465 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083241.D
 Acq: 12 Aug 2024 16:36

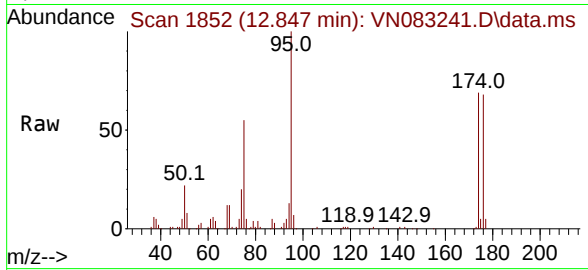
Tgt Ion: 75 Resp: 73147
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.918 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083241.D
Acq: 12 Aug 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

