

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083214.D
 Acq On : 10 Aug 2024 17:46
 Operator : JC\MD
 Sample : P3479-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 01:55:05 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)

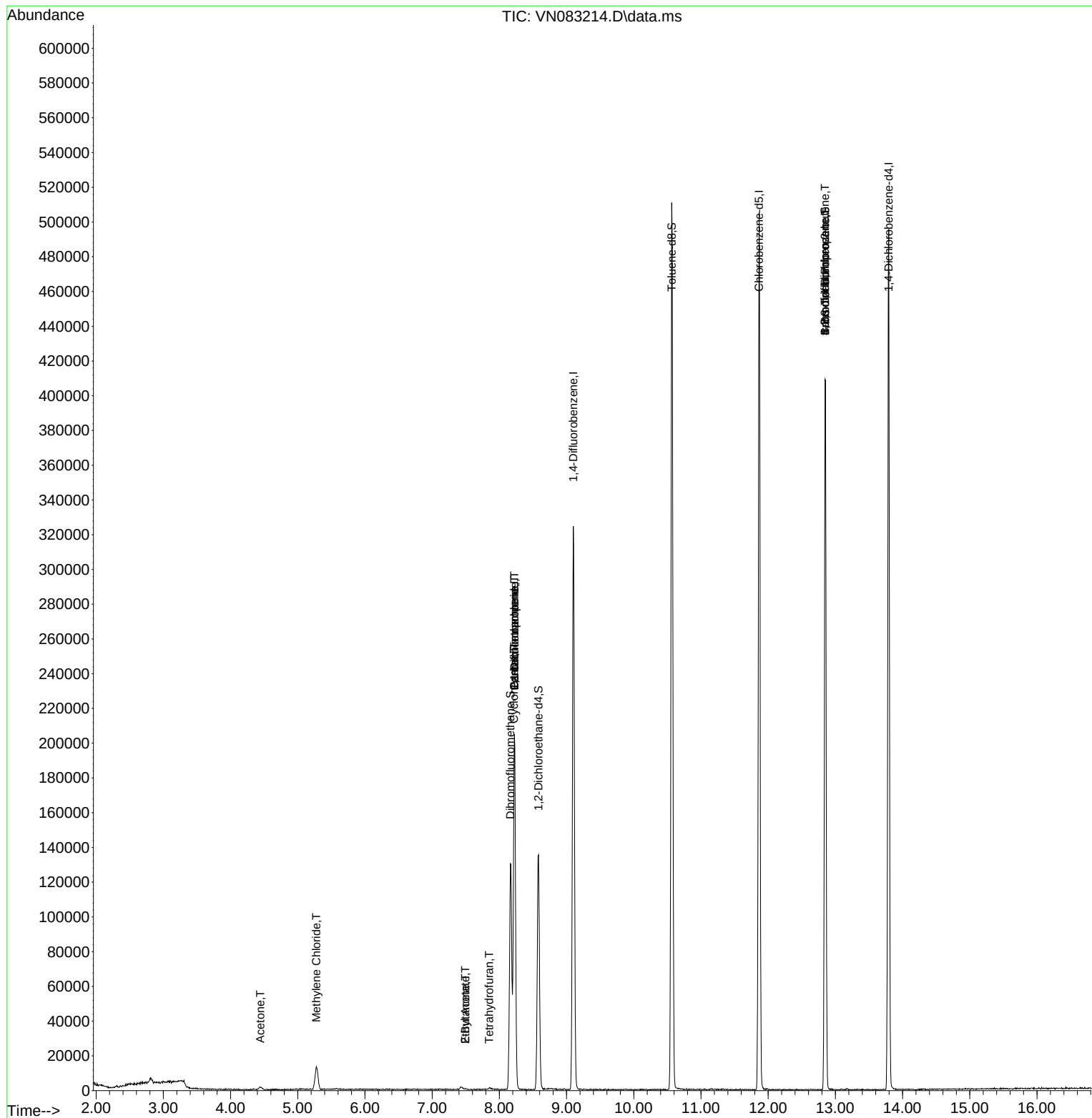
Internal Standards						
1) Pentafluorobenzene	8.224	168	142235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120882	59.708	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.420%	
35) Dibromofluoromethane	8.165	113	94334	55.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.880%	
50) Toluene-d8	10.565	98	354418	56.343	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.680%	
62) 4-Bromofluorobenzene	12.847	95	150323	61.297	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 122.600%	
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	3723	4.700	ug/l	99
20) Methylene Chloride	5.277	84	10234	5.613	ug/l	86
25) 2-Butanone	7.494	43	715	0.588	ug/l #	53
29) Tetrahydrofuran	7.847	42	937	1.192	ug/l #	57
31) Cyclohexane	8.218	56	3357	1.119	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	12975	5.086	ug/l #	52
37) Ethyl Acetate	7.494	43	715	0.250	ug/l #	72
38) Carbon Tetrachloride	8.224	117	16270	5.663	ug/l #	17
43) Isopropyl Acetate	8.724	43	286	Below Cal	#	60
71) Bromoform	12.847	173	370	0.224	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	82062	29.919	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82062	65.081	ug/l #	6

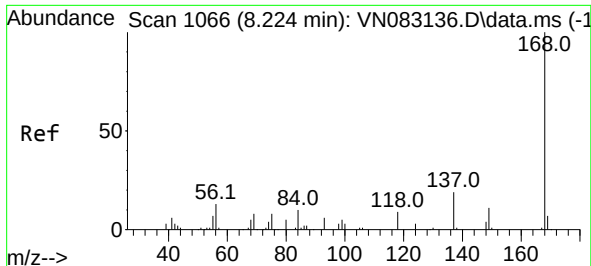
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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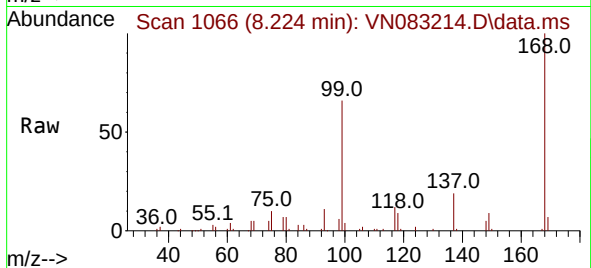
Quant Time: Aug 12 01:55:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
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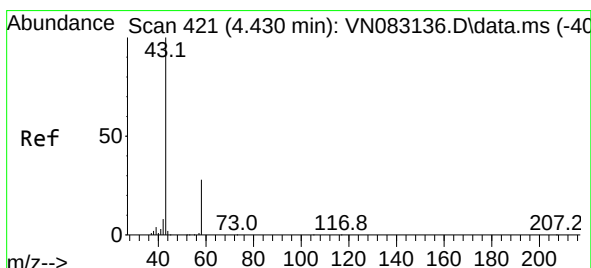
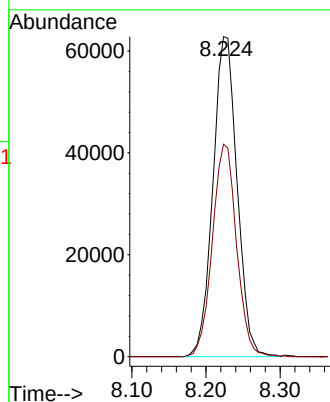
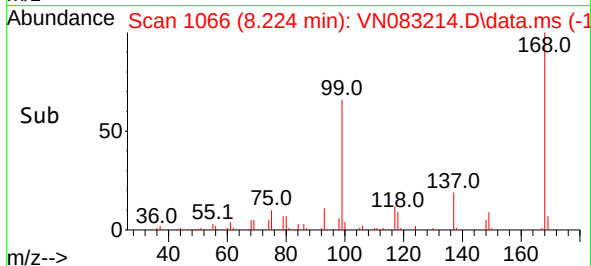


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46

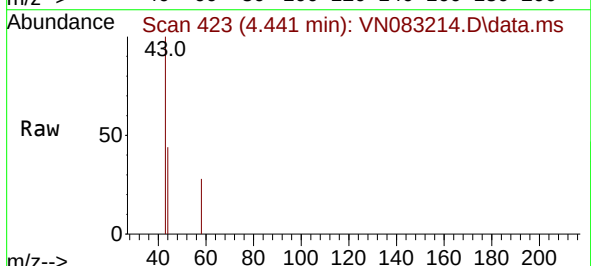
Instrument :
MSVOA_N
ClientSampleId :



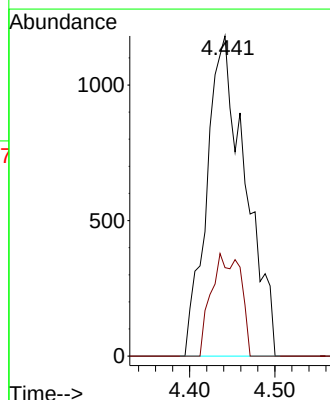
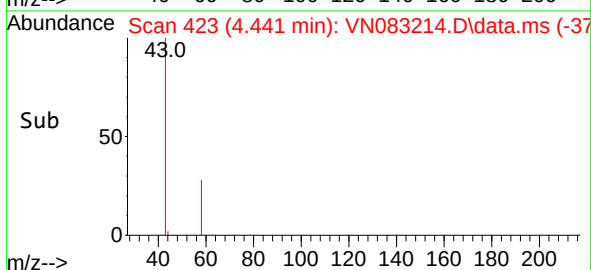
Tgt Ion:168 Resp: 142235
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4

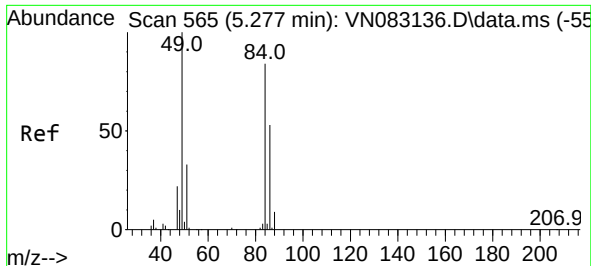


#16
Acetone
Concen: 4.700 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46



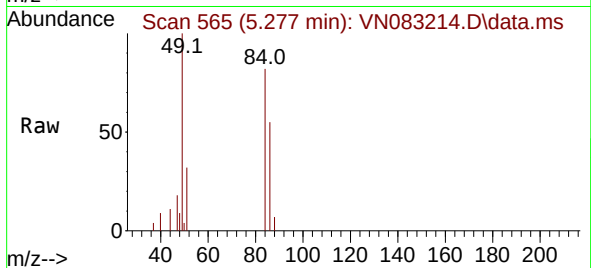
Tgt Ion: 43 Resp: 3723
Ion Ratio Lower Upper
43 100
58 27.6 21.8 32.6



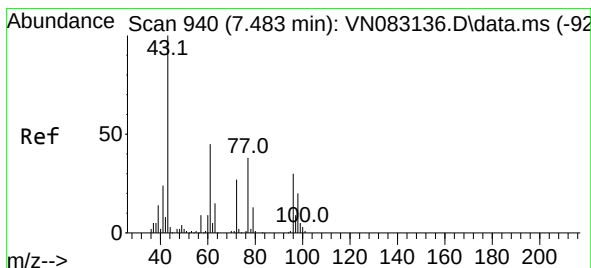
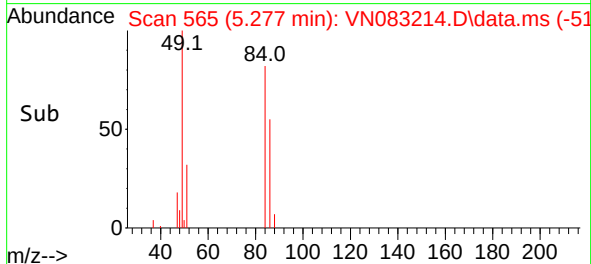
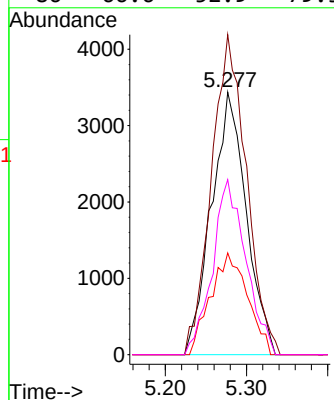


#20
Methylene Chloride
Concen: 5.613 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46

Instrument :
MSVOA_N
ClientSampleId :

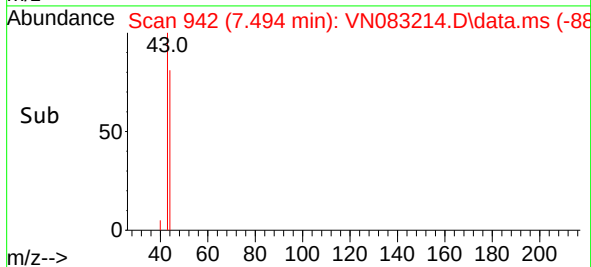
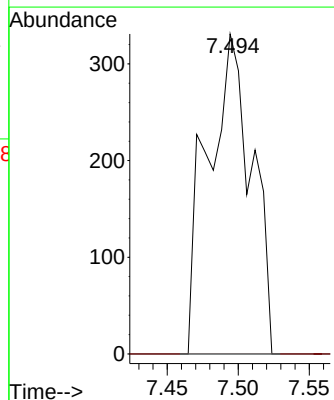
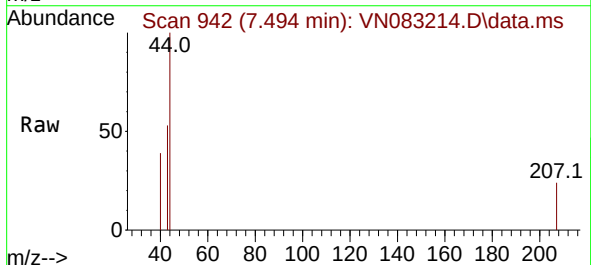


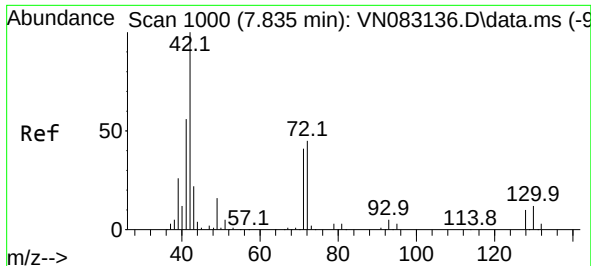
Tgt Ion:	84	Resp:	10234
Ion	Ratio	Lower	Upper
84	100		
49	121.9	119.6	179.4
51	38.8	34.8	52.2
86	66.6	52.9	79.3



#25
2-Butanone
Concen: 0.588 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46

Tgt Ion:	43	Resp:	715
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#





#29

Tetrahydrofuran

Concen: 1.192 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

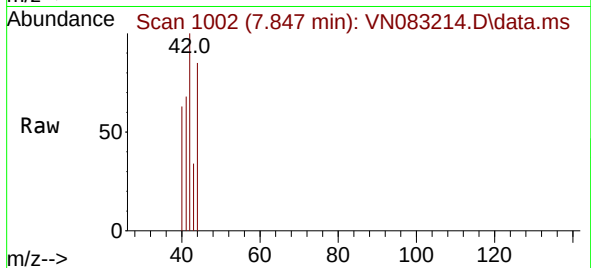
Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

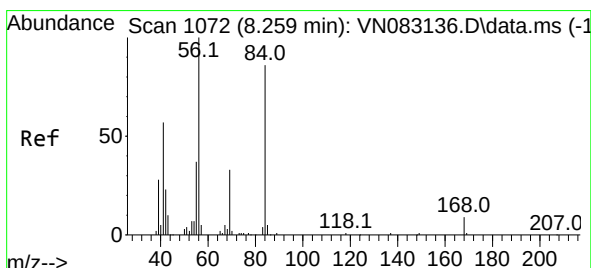
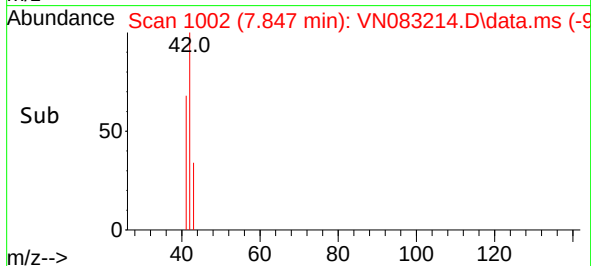
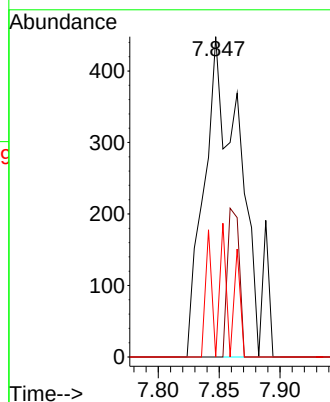
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	937
Ion	Ratio	Lower	Upper
42	100		
72	15.2	30.0	45.0#
71	6.7	28.3	42.5#



#31

Cyclohexane

Concen: 1.119 ug/l

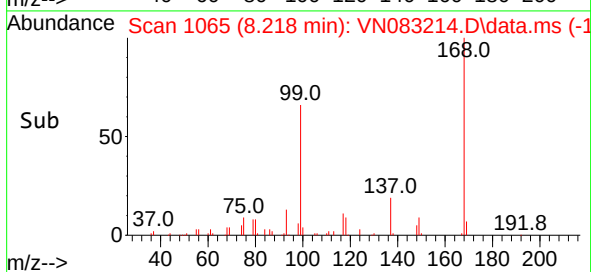
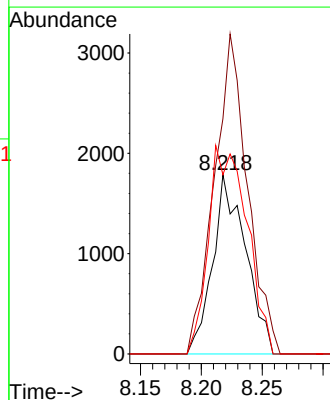
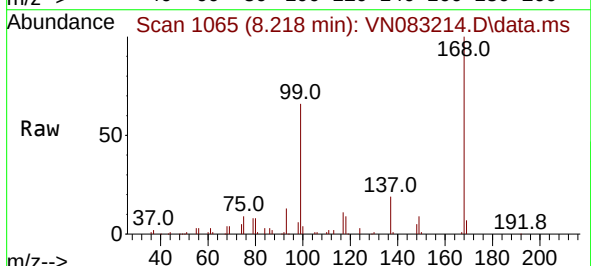
RT: 8.218 min Scan# 1065

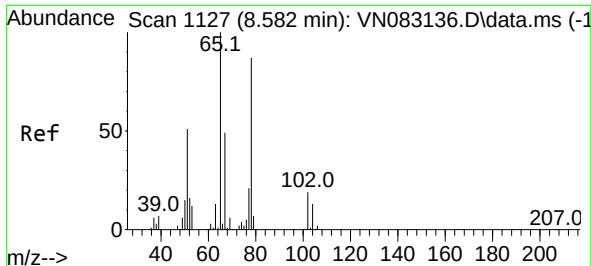
Delta R.T. -0.041 min

Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

Tgt Ion:	56	Resp:	3357
Ion	Ratio	Lower	Upper
56	100		
69	131.1	24.5	36.7#
84	99.8	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 59.708 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

Instrument :

MSVOA_N

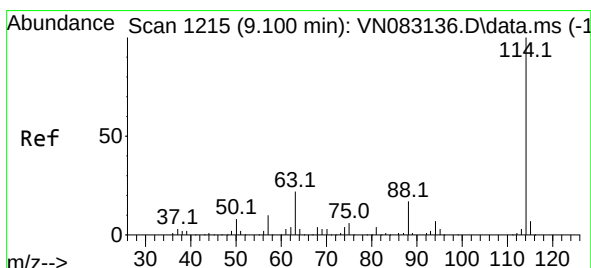
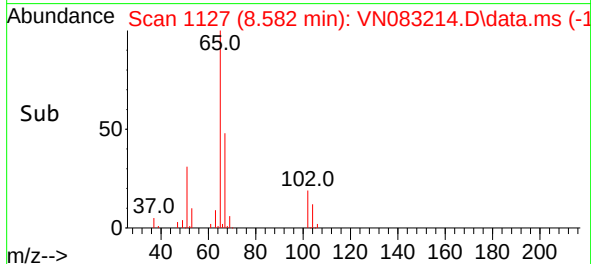
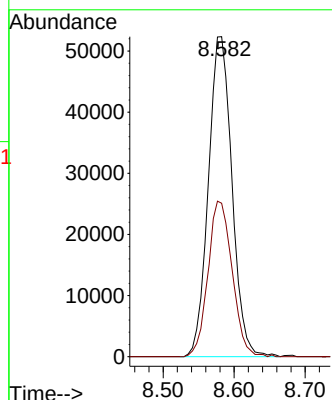
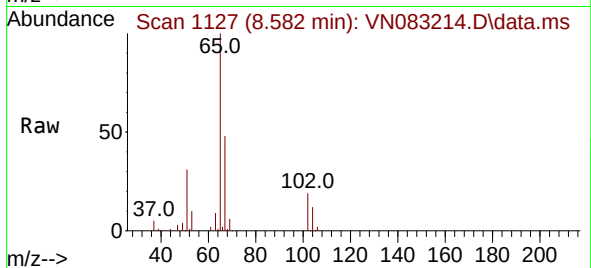
ClientSampleId :

Tgt Ion: 65 Resp: 120882

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

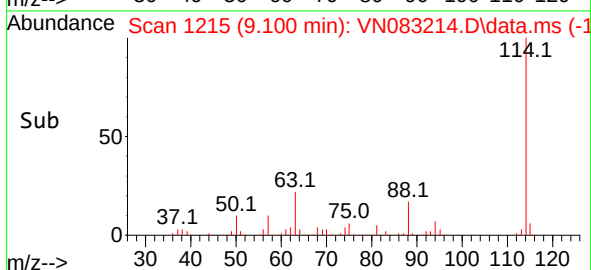
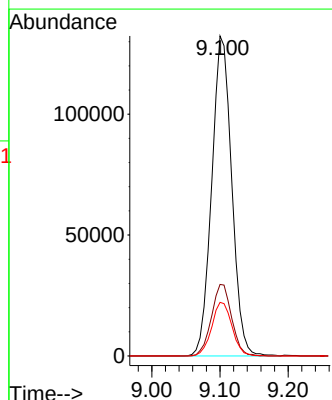
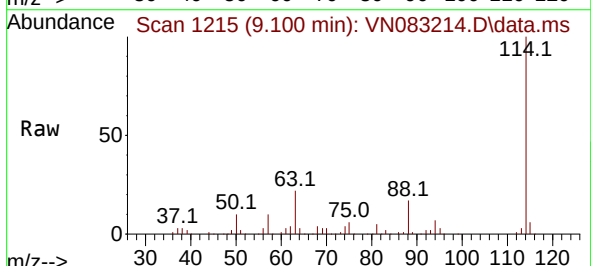
Tgt Ion: 114 Resp: 270168

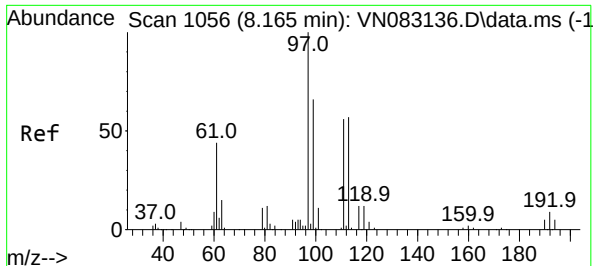
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.940 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :

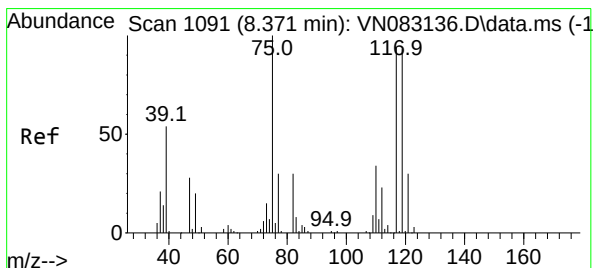
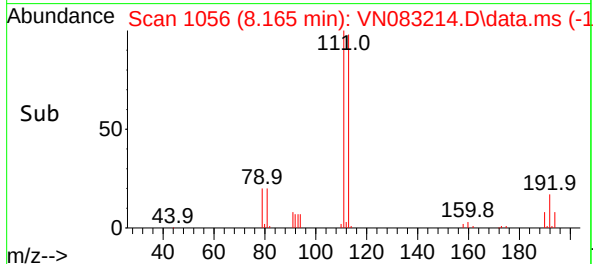
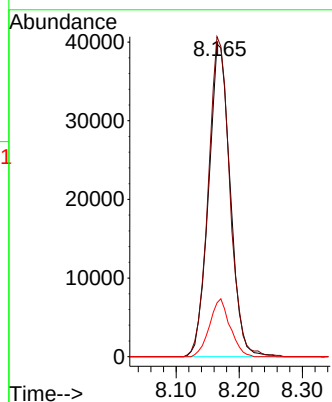
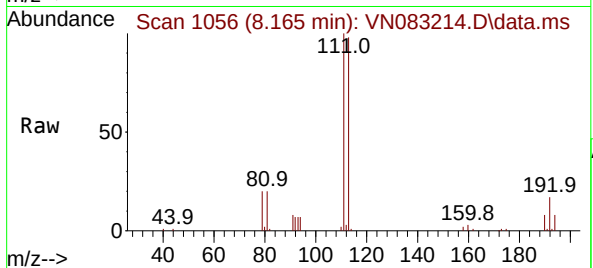
Tgt Ion:113 Resp: 94334

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 17.5 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.086 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

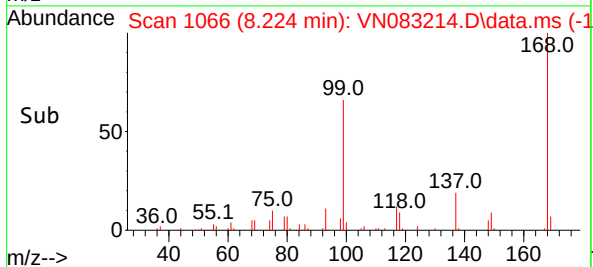
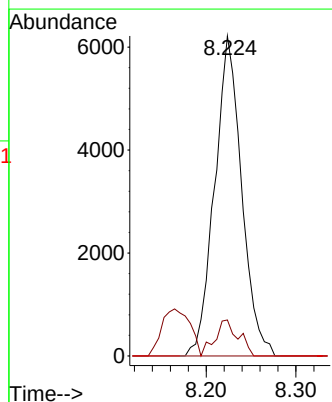
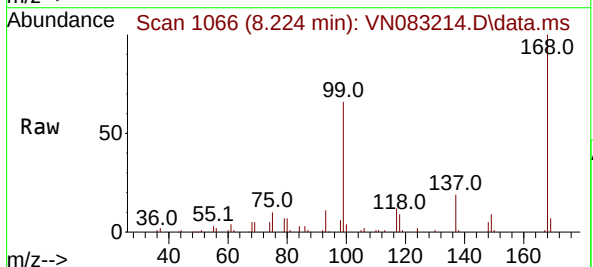
Tgt Ion: 75 Resp: 12975

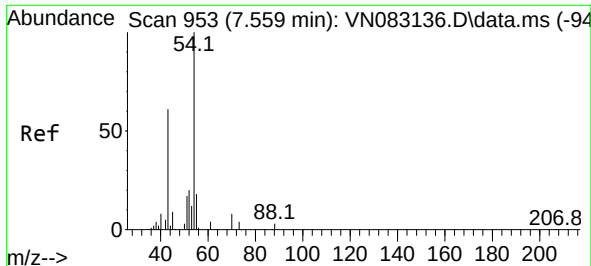
Ion Ratio Lower Upper

75 100

110 9.7 16.3 48.9#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.250 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.065 min

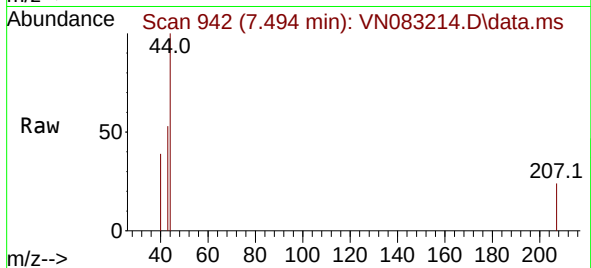
Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :



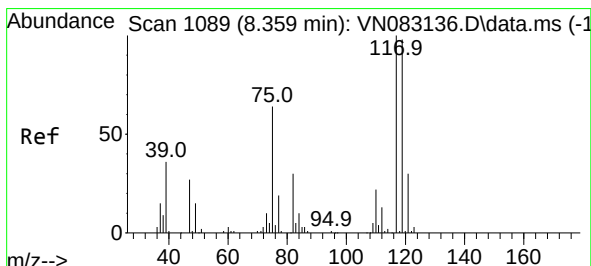
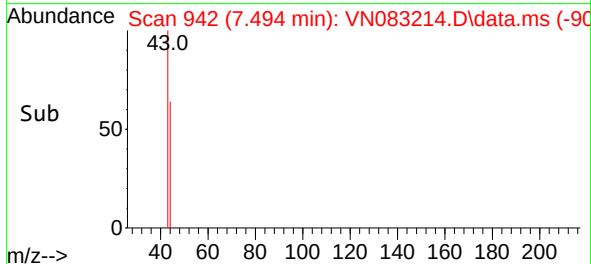
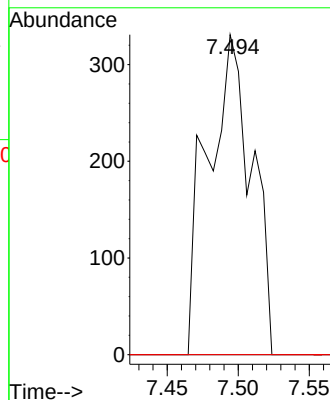
Tgt Ion: 43 Resp: 715

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.663 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

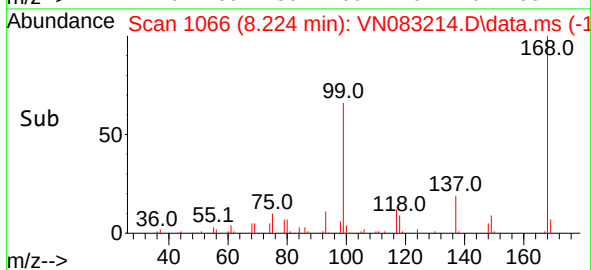
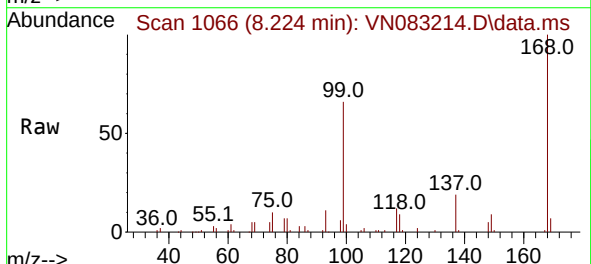
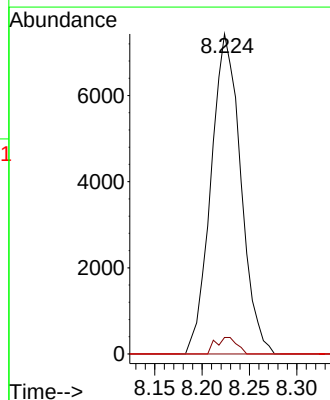
Tgt Ion: 117 Resp: 16270

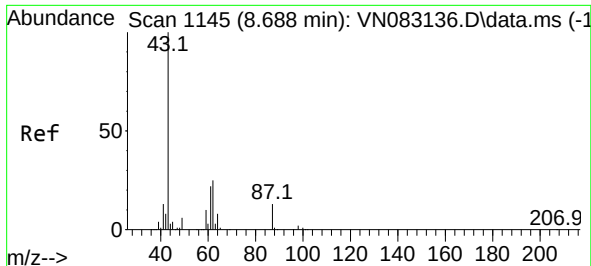
Ion Ratio Lower Upper

117 100

119 5.2 74.9 112.3#

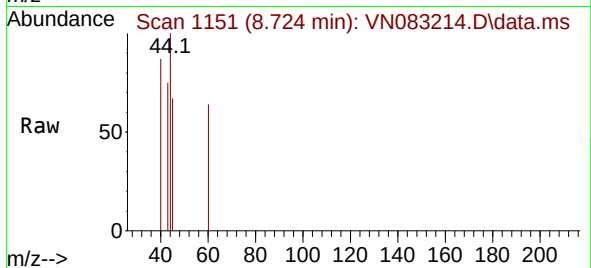
121 0.0 24.3 36.5#



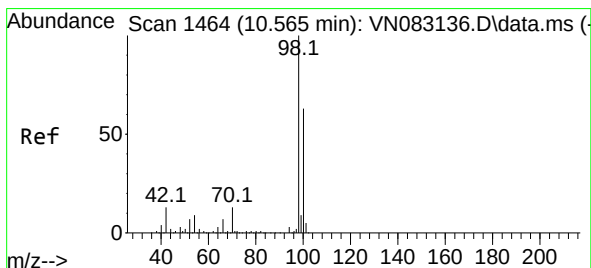
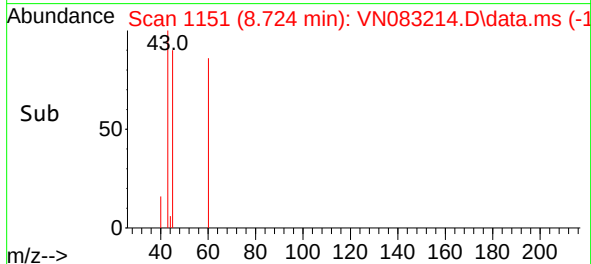
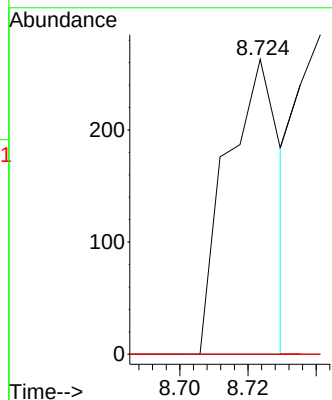


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.724 min Scan# 1145
Delta R.T. 0.036 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46

Instrument :
MSVOA_N
ClientSampleId :

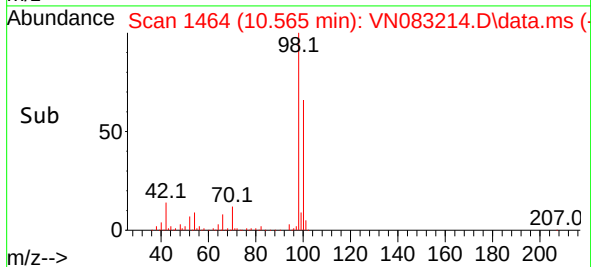
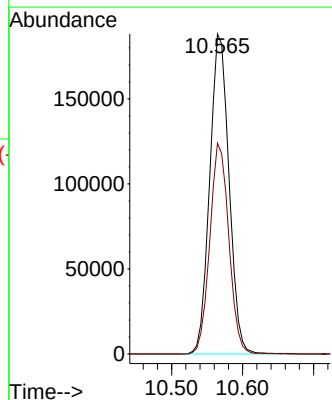
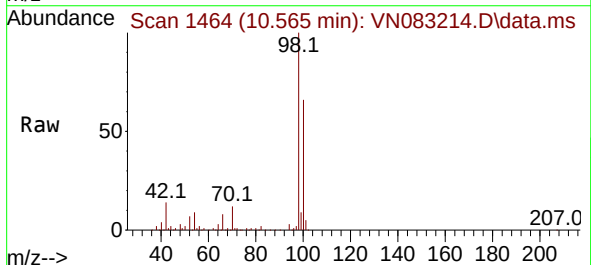


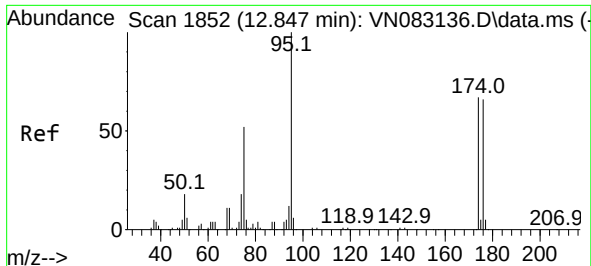
Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 56.343 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46

Tgt Ion: 98 Resp: 354418
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3

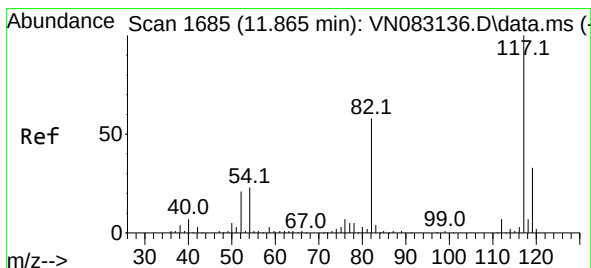
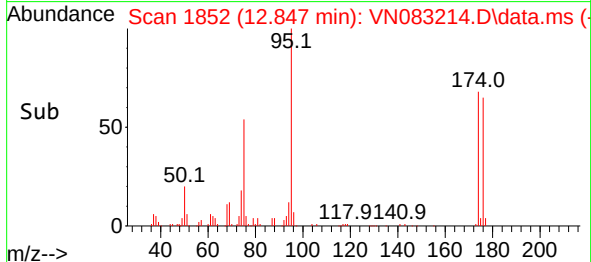
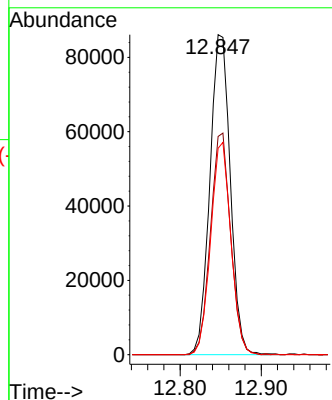
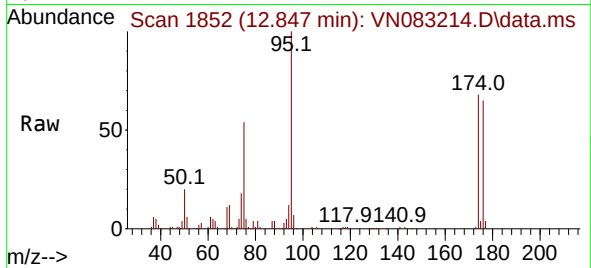




#62
4-Bromofluorobenzene
Concen: 61.297 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46

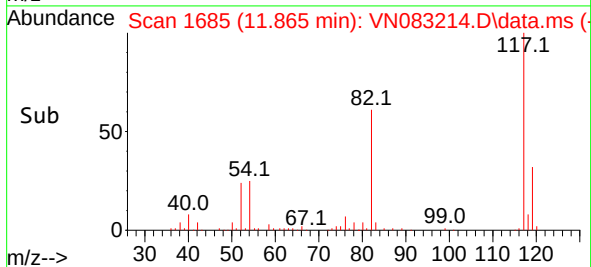
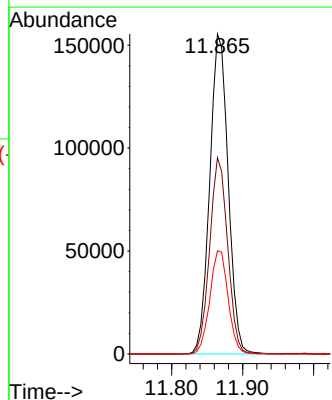
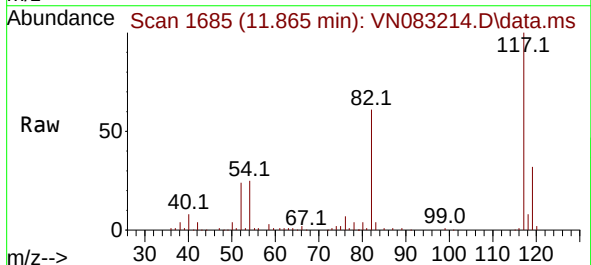
Instrument :
MSVOA_N
ClientSampleId :

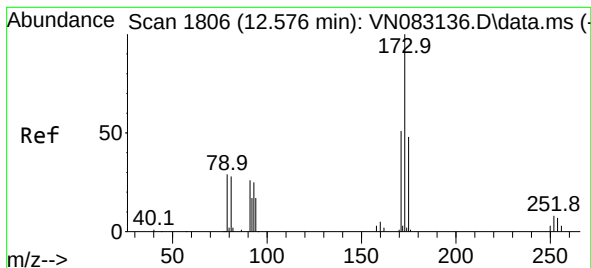
Tgt Ion: 95 Resp: 150323
Ion Ratio Lower Upper
95 100
174 68.4 0.0 159.2
176 65.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46

Tgt Ion: 117 Resp: 279855
Ion Ratio Lower Upper
117 100
82 61.3 47.5 71.3
119 32.3 25.6 38.4





#71

Bromoform

Concen: 0.224 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

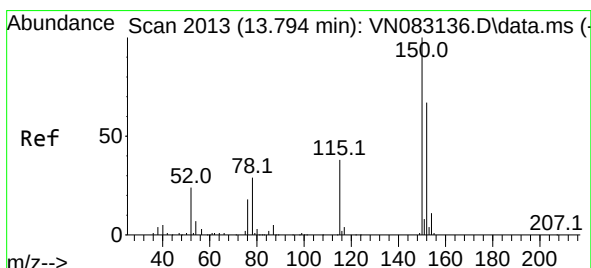
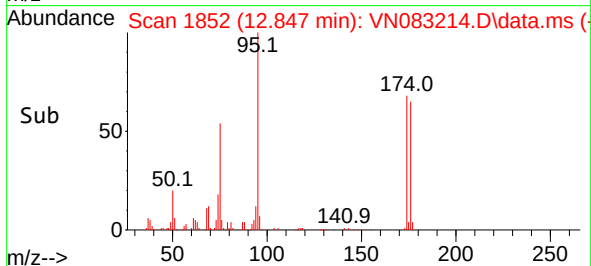
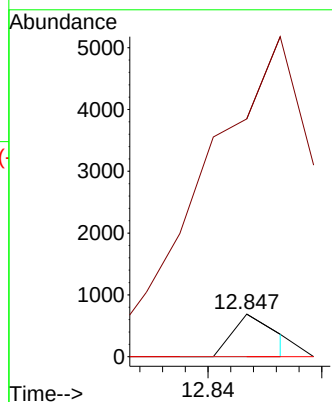
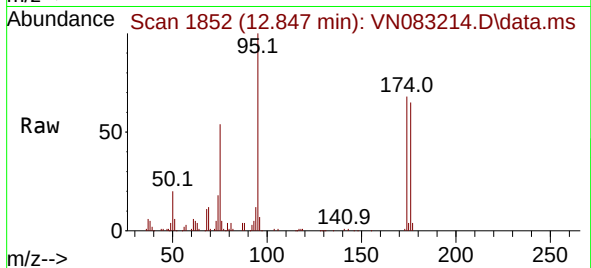
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 370

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

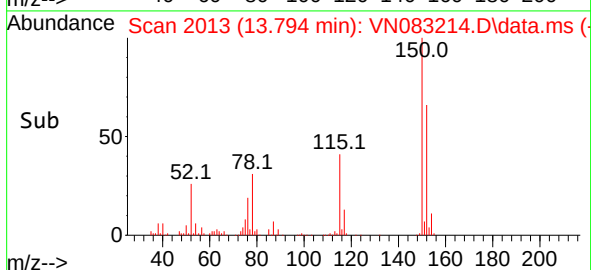
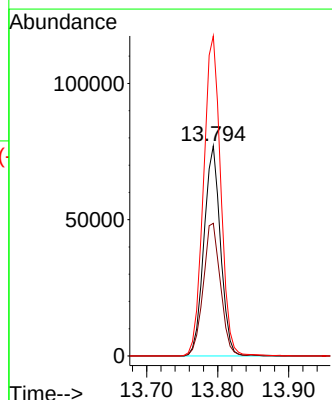
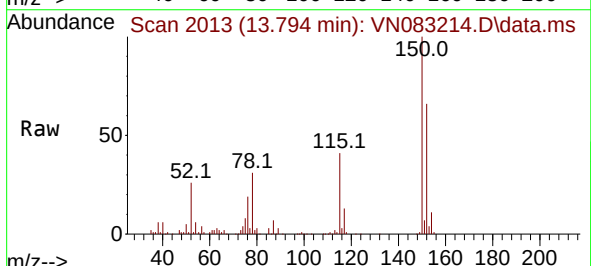
Delta R.T. -0.000 min

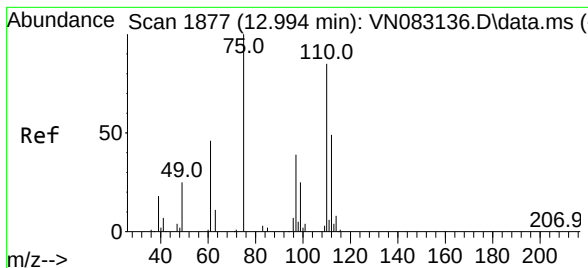
Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

Tgt Ion:152 Resp: 124971

Ion	Ratio	Lower	Upper
152	100		
115	65.6	30.6	91.6
150	158.3	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 29.919 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

Instrument :

MSVOA_N

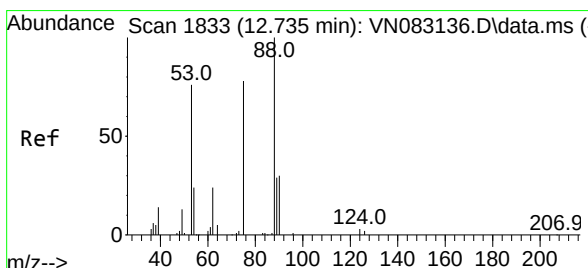
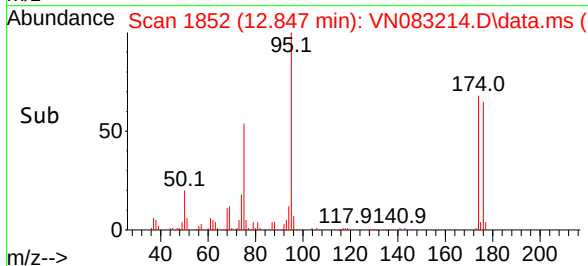
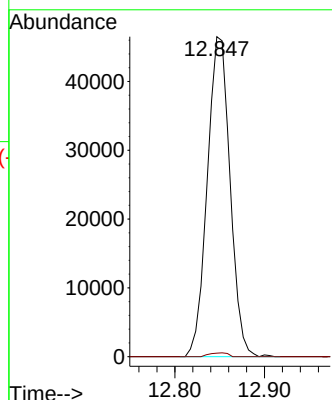
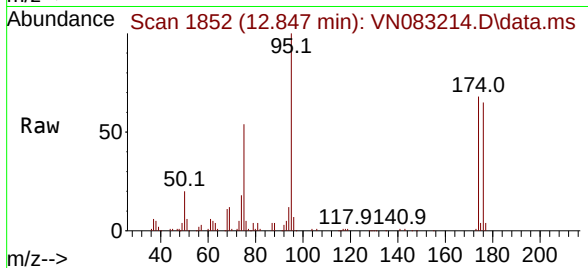
ClientSampleId :

Tgt Ion: 75 Resp: 82062

Ion Ratio Lower Upper

75 100

77 1.0 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.081 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

Tgt Ion: 75 Resp: 82062

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

