

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083210.D
 Acq On : 10 Aug 2024 16:09
 Operator : JC\MD
 Sample : P3478-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 01:53:22 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	8.230	168	137282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	263681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124210	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115582	59.150	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.300%
35) Dibromofluoromethane	8.165	113	91170	55.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.780%
50) Toluene-d8	10.571	98	339389	55.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.560%
62) 4-Bromofluorobenzene	12.847	95	147074	61.448	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	122.900%

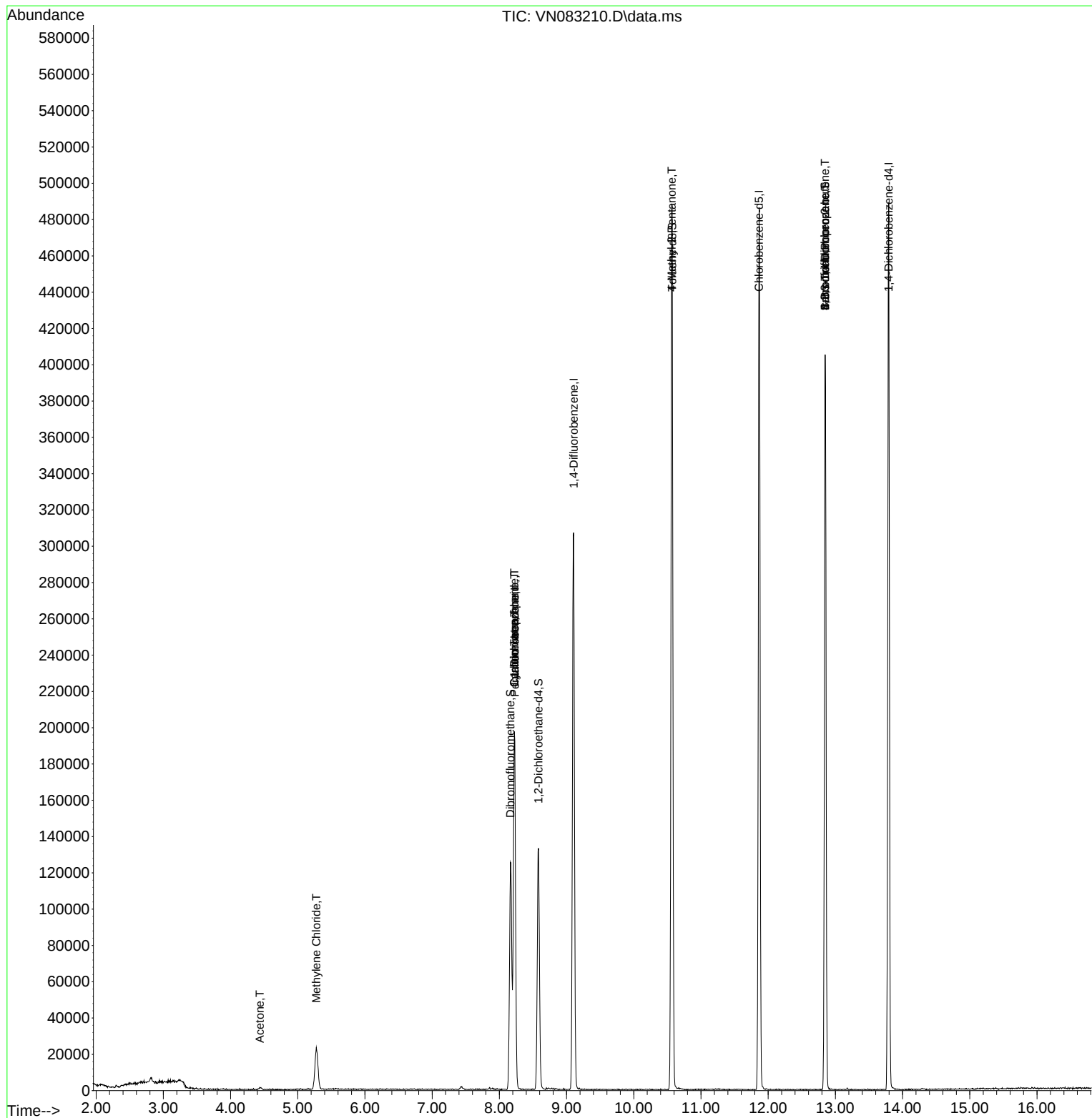
Target Compounds					Qvalue	
16) Acetone	4.436	43	1243	1.626	ug/l	93
20) Methylene Chloride	5.277	84	17480	9.933	ug/l #	80
31) Cyclohexane	8.224	56	3753	1.296	ug/l #	41
36) 1,1-Dichloropropene	8.224	75	12167	4.887	ug/l #	51
38) Carbon Tetrachloride	8.224	117	15442	5.507	ug/l #	16
43) Isopropyl Acetate	8.700	43	297	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1958	0.743	ug/l #	1
71) Bromoform	12.847	173	1002	0.627	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	79860	29.295	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79860	63.723	ug/l #	6

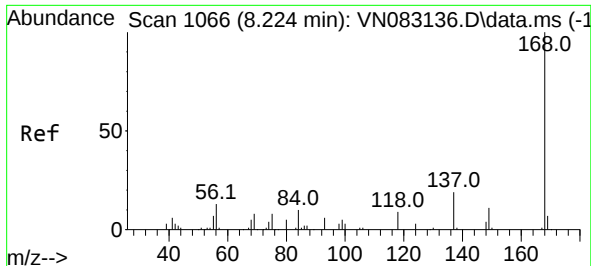
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
Data File : VN083210.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 12 01:53:22 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

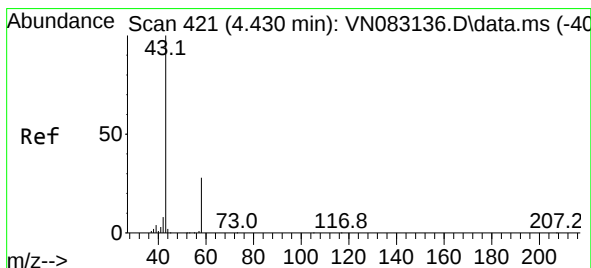
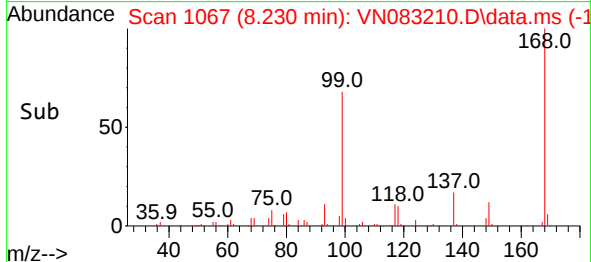
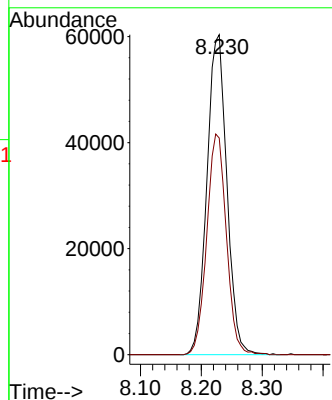
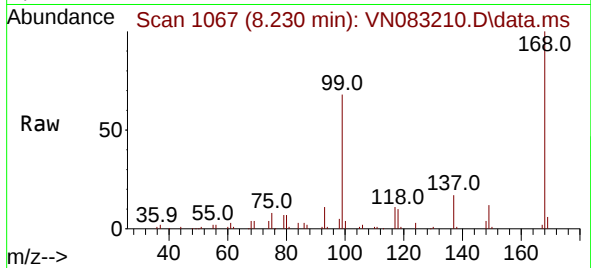




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

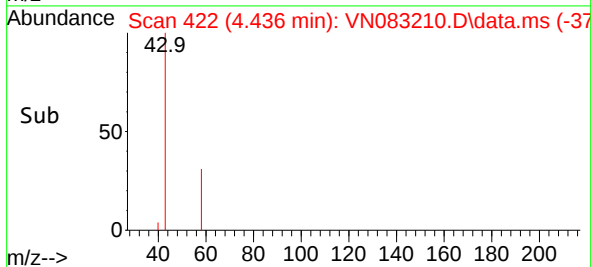
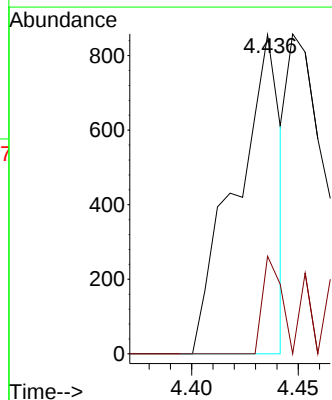
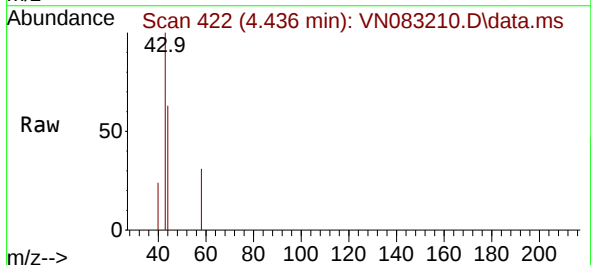
Instrument :
MSVOA_N
ClientSampleId :

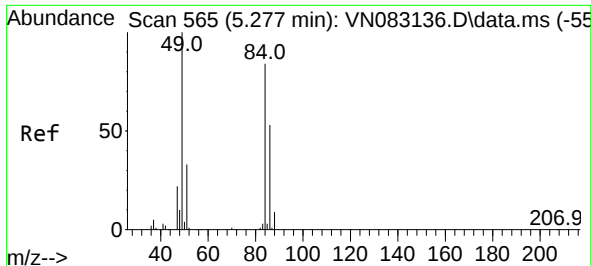
Tgt Ion:168 Resp: 137282
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#16
Acetone
Concen: 1.626 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

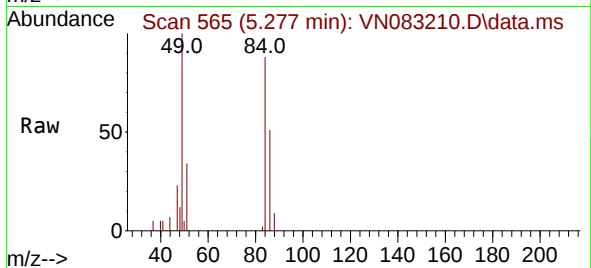
Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
58 30.6 21.8 32.6



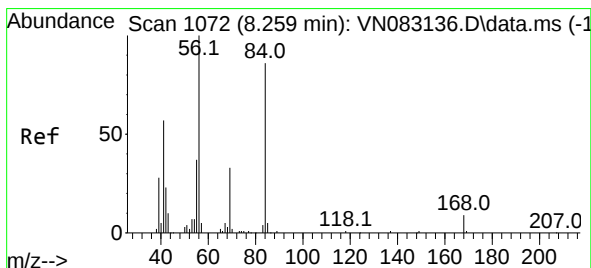
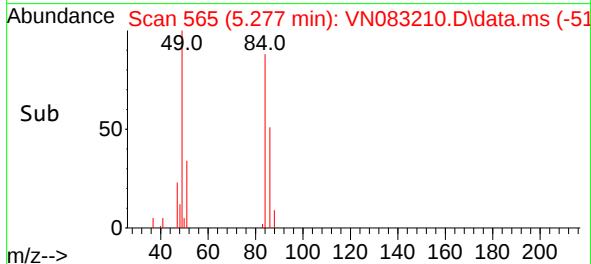
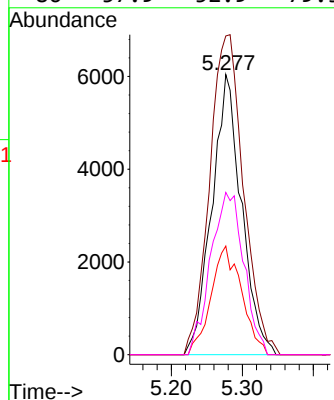


#20
Methylene Chloride
Concen: 9.933 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

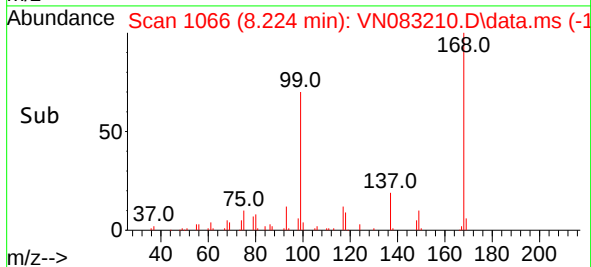
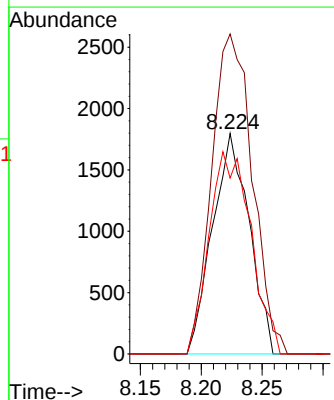
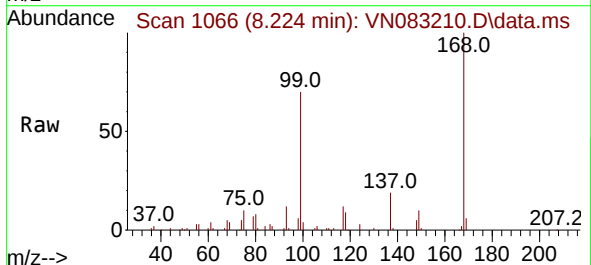


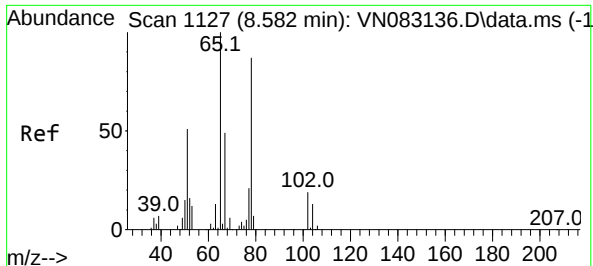
Tgt Ion:	84	Resp:	17480
Ion	Ratio	Lower	Upper
84	100		
49	113.8	119.6	179.4#
51	38.8	34.8	52.2
86	57.9	52.9	79.3



#31
Cyclohexane
Concen: 1.296 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

Tgt Ion:	56	Resp:	3753
Ion	Ratio	Lower	Upper
56	100		
69	145.1	24.5	36.7#
84	79.7	66.0	99.0

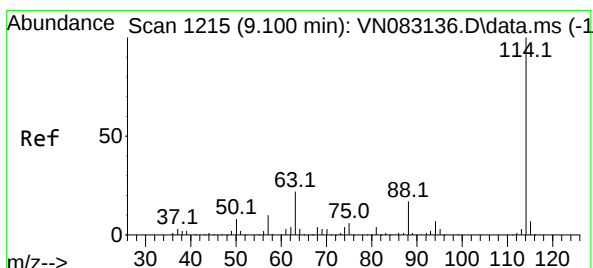
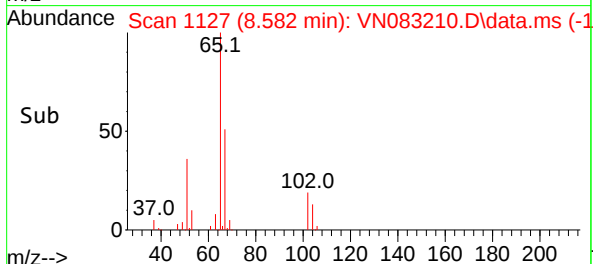
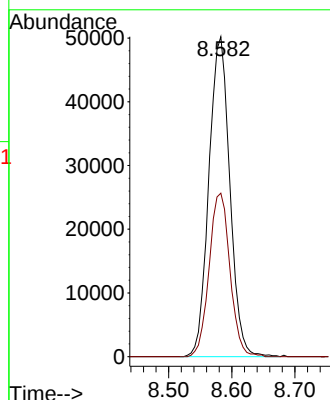
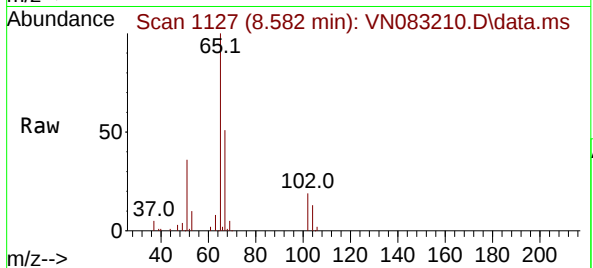




#33
 1,2-Dichloroethane-d4
 Concen: 59.150 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN083210.D
 Acq: 10 Aug 2024 16:09

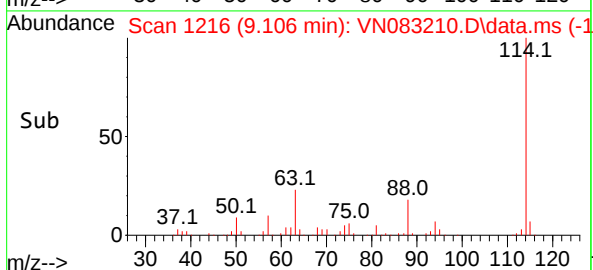
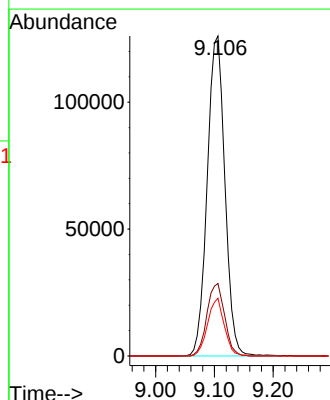
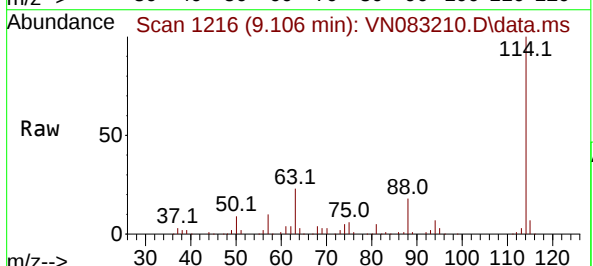
Instrument :
 MSVOA_N
 ClientSampleId :

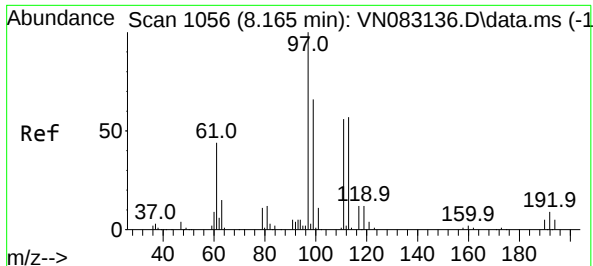
Tgt Ion: 65 Resp: 115582
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN083210.D
 Acq: 10 Aug 2024 16:09

Tgt Ion: 114 Resp: 263681
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.6
 88 18.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.394 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083210.D

Acq: 10 Aug 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

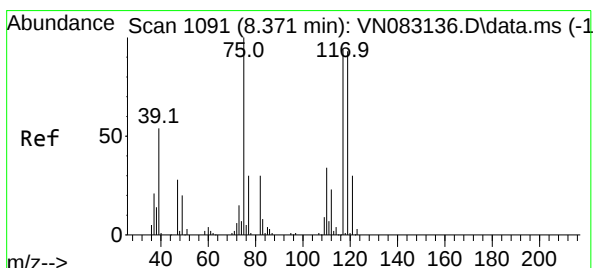
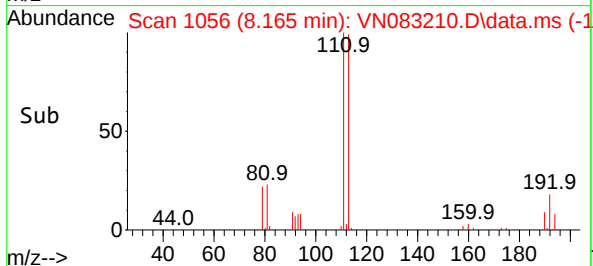
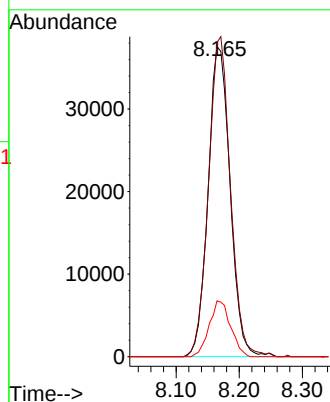
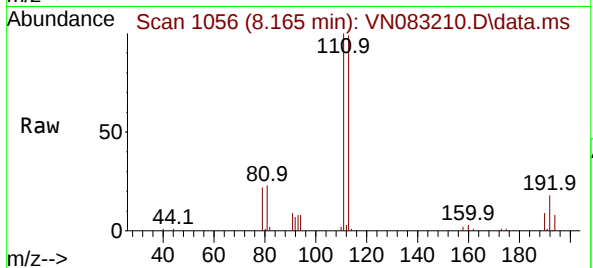
Tgt Ion:113 Resp: 91170

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.887 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083210.D

Acq: 10 Aug 2024 16:09

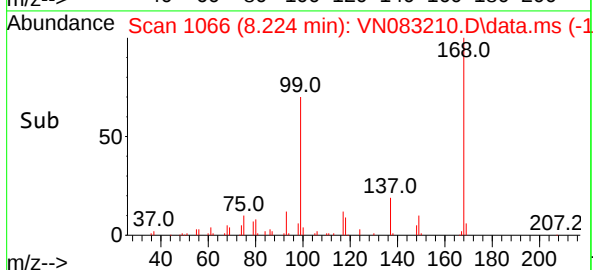
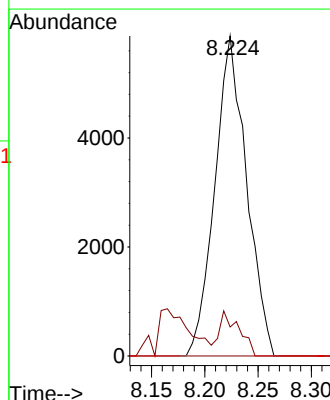
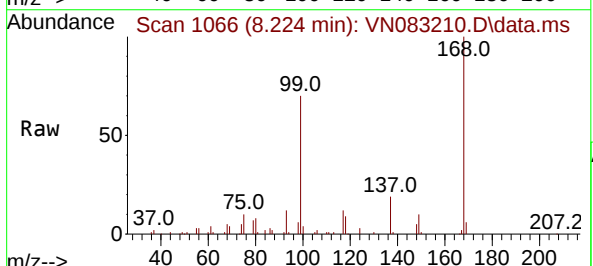
Tgt Ion: 75 Resp: 12167

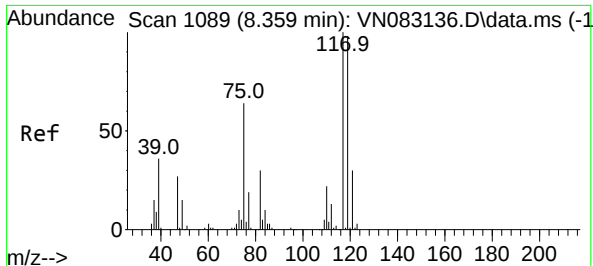
Ion Ratio Lower Upper

75 100

110 8.7 16.3 48.9#

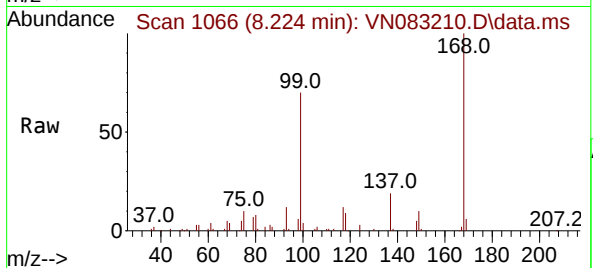
77 0.0 24.6 37.0#



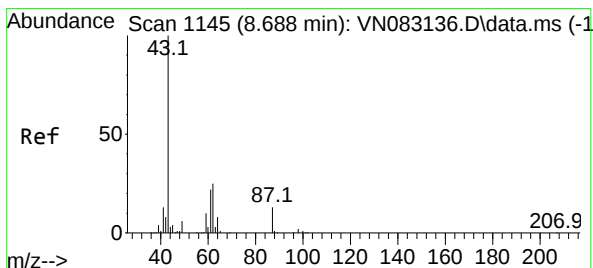
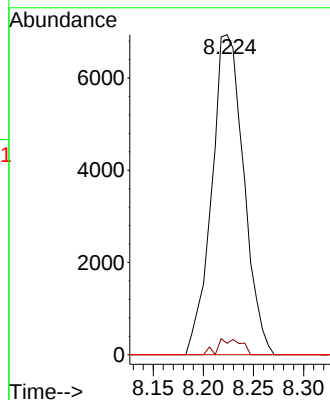
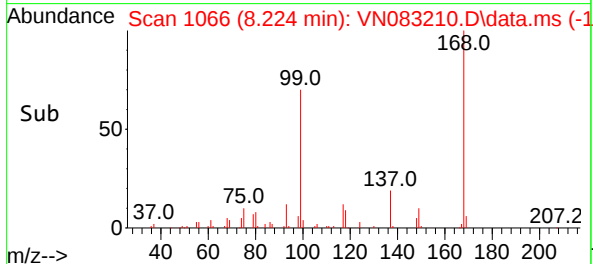


#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

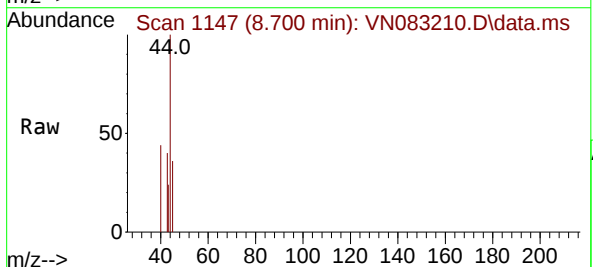
Instrument :
MSVOA_N
ClientSampleId :



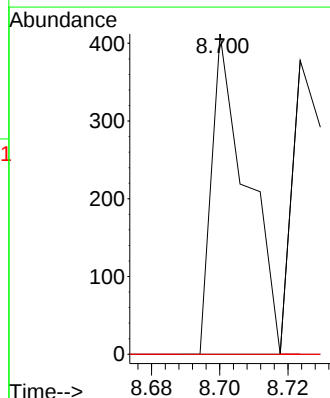
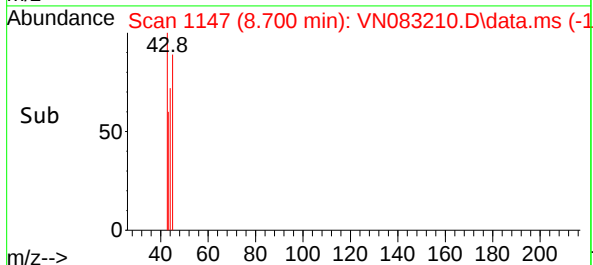
Tgt Ion:117 Resp: 15442
Ion Ratio Lower Upper
117 100
119 3.5 74.9 112.3#
121 0.0 24.3 36.5#

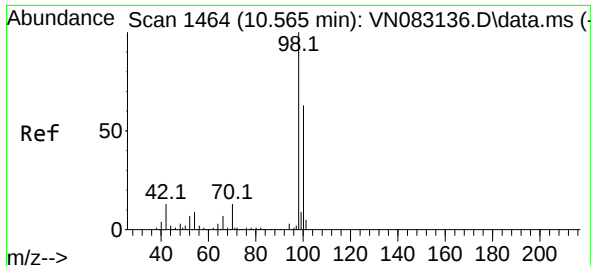


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09



Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

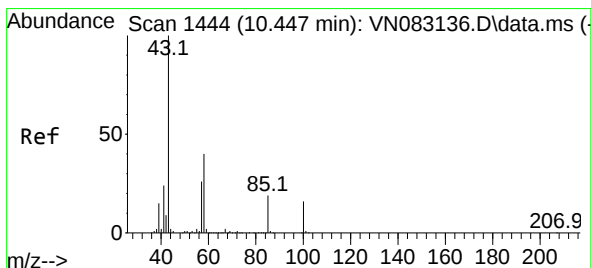
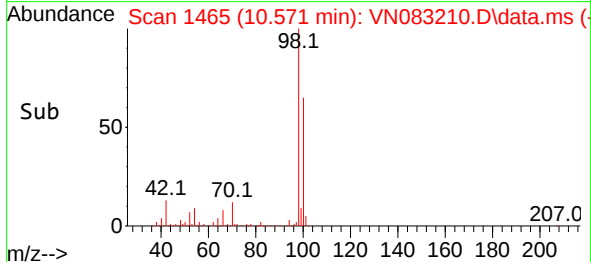
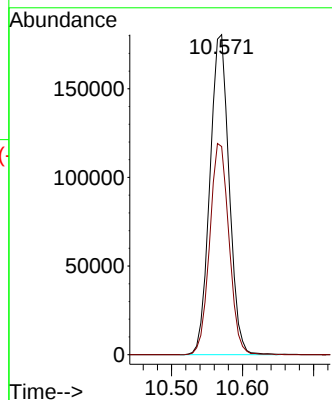
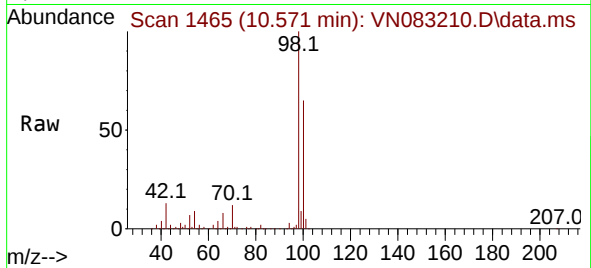




#50
Toluene-d8
Concen: 55.281 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

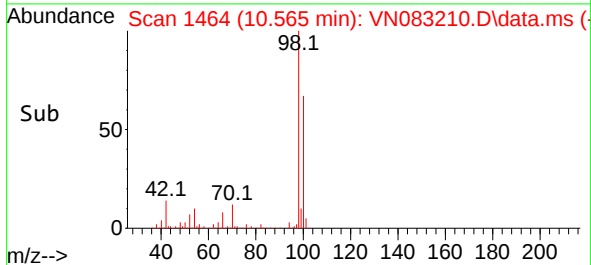
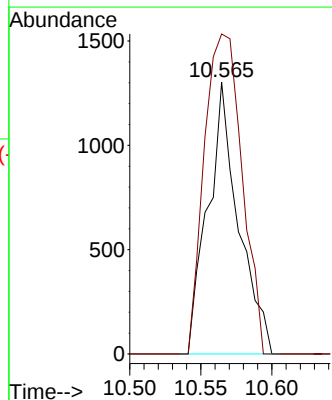
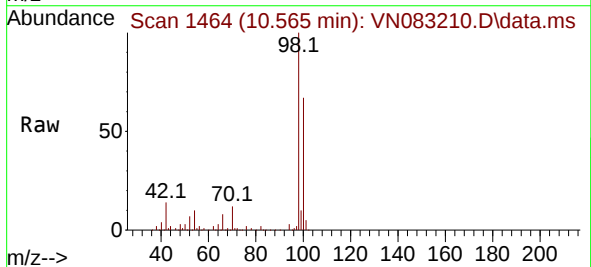
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ClientSampleId :

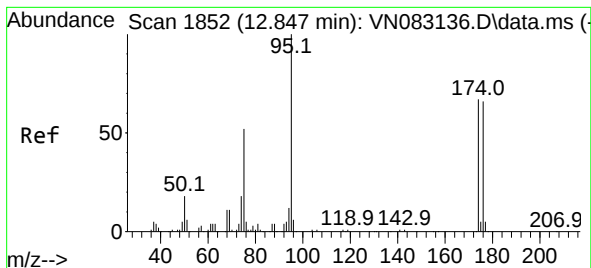
Tgt Ion: 98 Resp: 339389
Ion Ratio Lower Upper
98 100
100 66.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.743 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

Tgt Ion: 43 Resp: 1958
Ion Ratio Lower Upper
43 100
58 145.1 28.2 42.4#

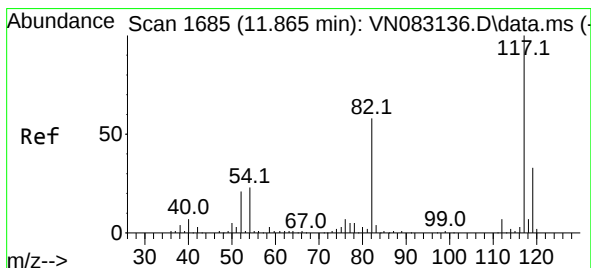
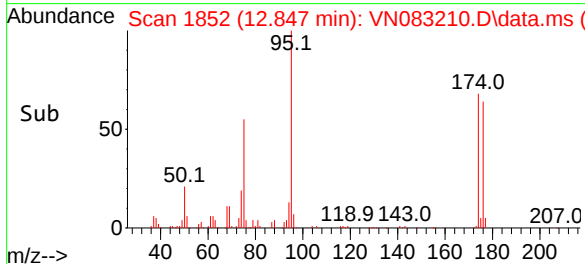
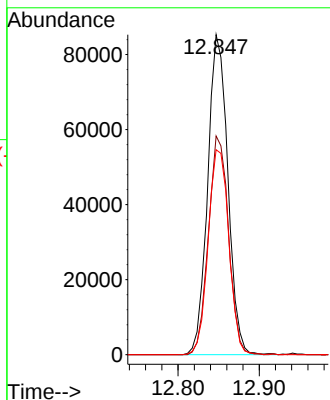
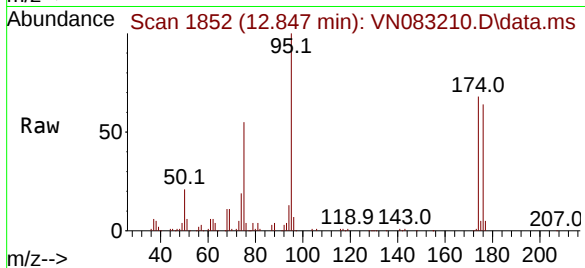




#62
4-Bromofluorobenzene
Concen: 61.448 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

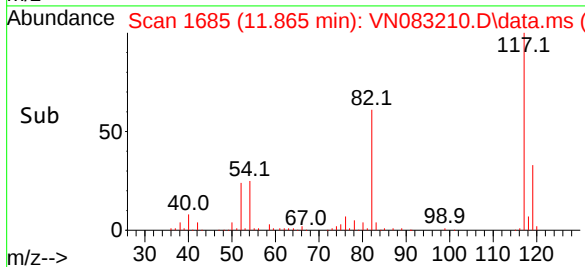
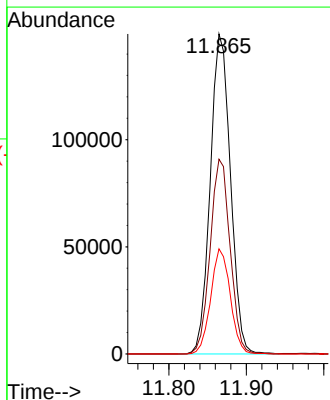
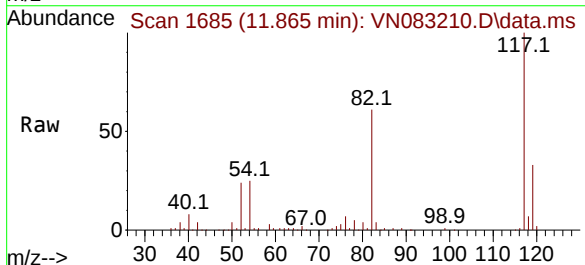
Instrument :
MSVOA_N
ClientSampleId :

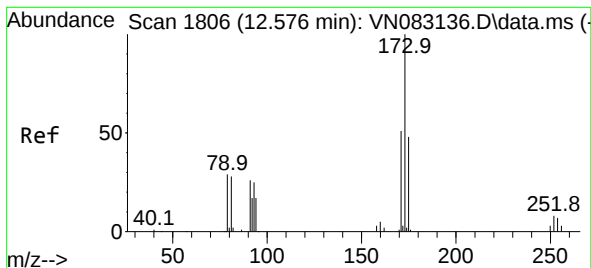
Tgt Ion: 95 Resp: 147074
Ion Ratio Lower Upper
95 100
174 68.3 0.0 159.2
176 65.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

Tgt Ion: 117 Resp: 270643
Ion Ratio Lower Upper
117 100
82 60.8 47.5 71.3
119 32.9 25.6 38.4





#71

Bromoform

Concen: 0.627 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN083210.D

Acq: 10 Aug 2024 16:09

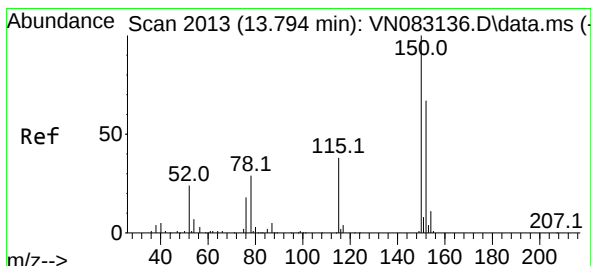
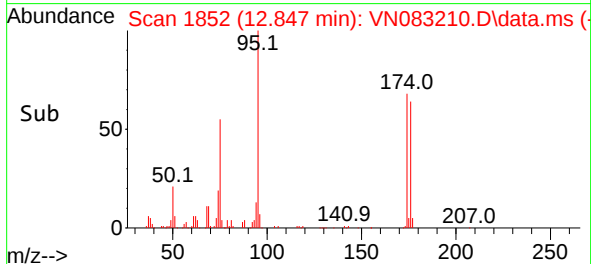
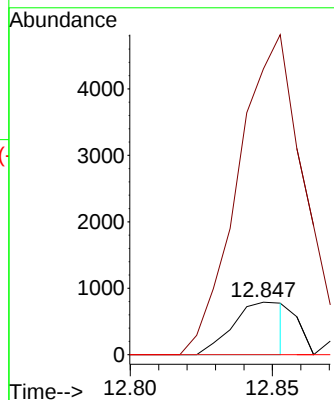
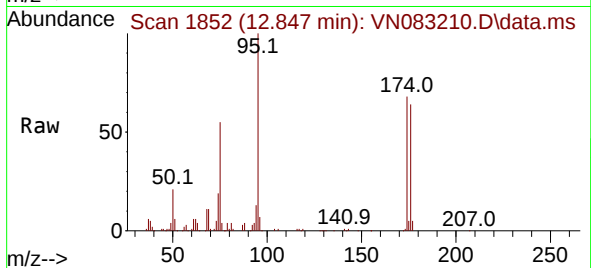
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 1002

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

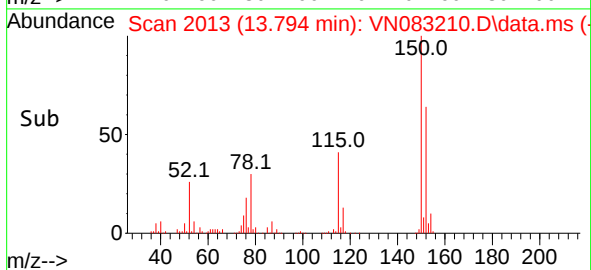
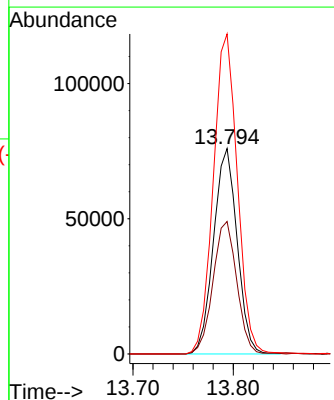
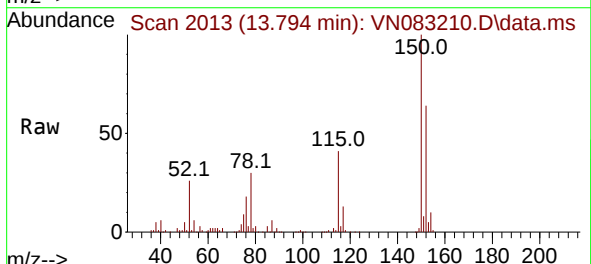
Delta R.T. -0.000 min

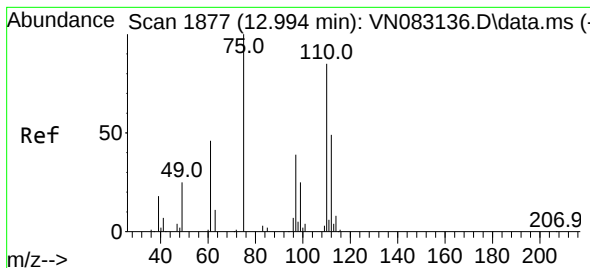
Lab File: VN083210.D

Acq: 10 Aug 2024 16:09

Tgt Ion:152 Resp: 124210

Ion	Ratio	Lower	Upper
152	100		
115	65.0	30.6	91.6
150	158.7	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 29.295 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083210.D

Acq: 10 Aug 2024 16:09

Instrument :

MSVOA_N

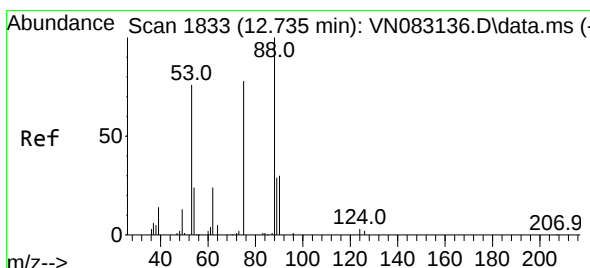
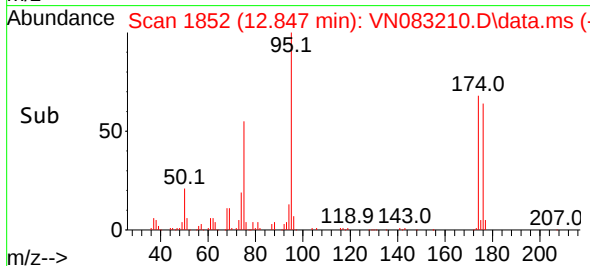
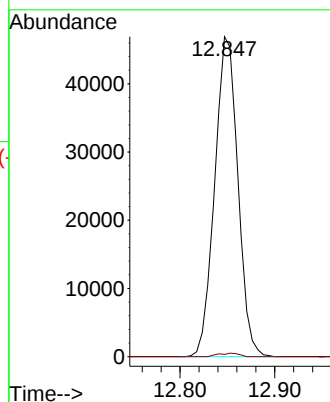
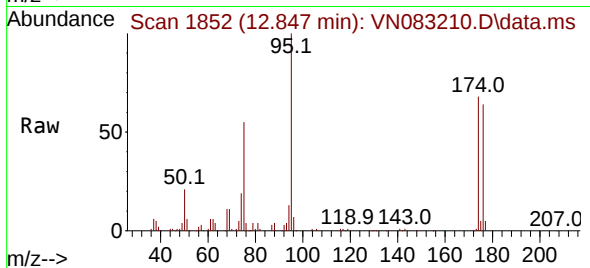
ClientSampleId :

Tgt Ion: 75 Resp: 79860

Ion Ratio Lower Upper

75 100

77 1.0 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.723 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083210.D

Acq: 10 Aug 2024 16:09

Tgt Ion: 75 Resp: 79860

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

