

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083211.D
 Acq On : 10 Aug 2024 16:34
 Operator : JC\MD
 Sample : P3478-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 01:53:46 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)

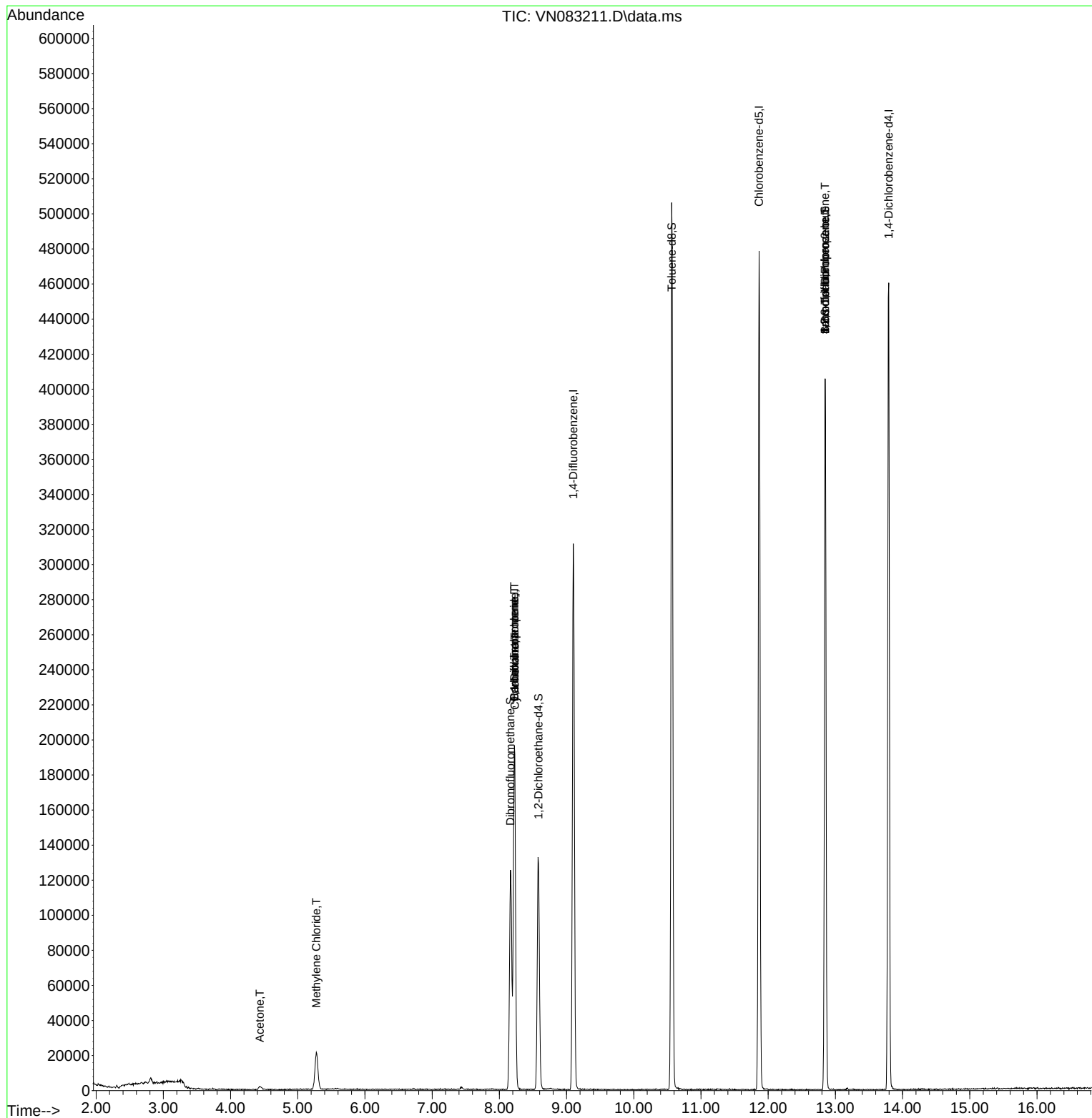
Internal Standards						
1) Pentafluorobenzene	8.224	168	138898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116671	59.012	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	118.020%	
35) Dibromofluoromethane	8.165	113	90020	54.797	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.600%	
50) Toluene-d8	10.565	98	342263	55.852	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	111.700%	
62) 4-Bromofluorobenzene	12.847	95	141583	59.263	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	118.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	3933	5.084	ug/l #	87
20) Methylene Chloride	5.277	84	16104	9.045	ug/l	85
31) Cyclohexane	8.230	56	3820	1.304	ug/l #	22
36) 1,1-Dichloropropene	8.224	75	13254	5.333	ug/l #	52
38) Carbon Tetrachloride	8.224	117	16260	5.809	ug/l #	17
43) Isopropyl Acetate	8.724	43	397	Below Cal	#	60
71) Bromoform	12.847	173	573	0.363	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	78241	28.946	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78241	62.965	ug/l #	6

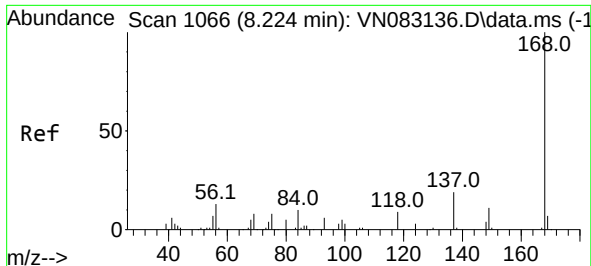
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :

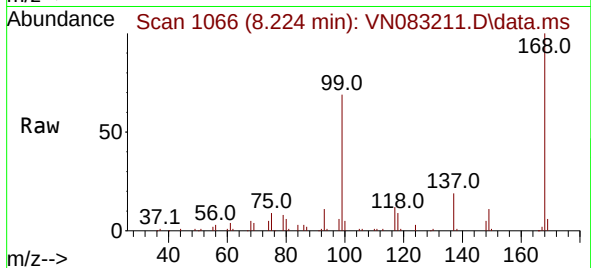
Quant Time: Aug 12 01:53:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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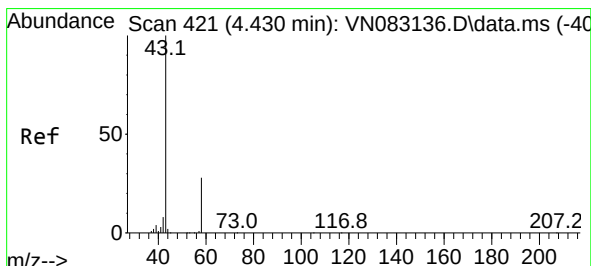
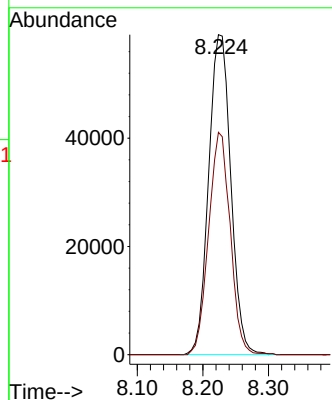
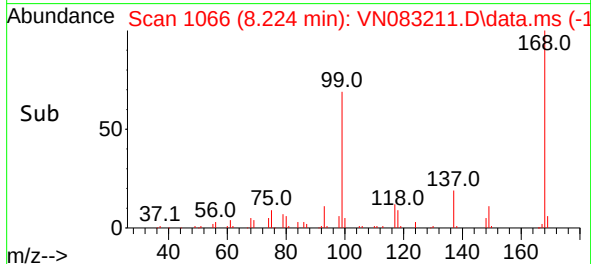


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :

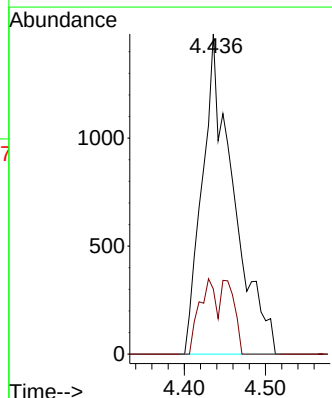
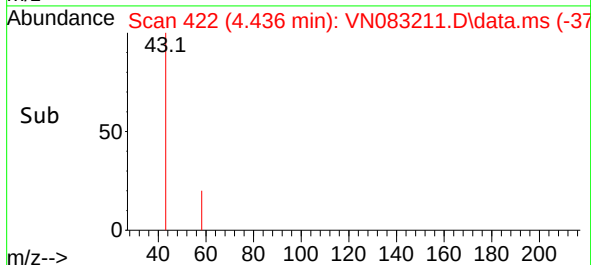
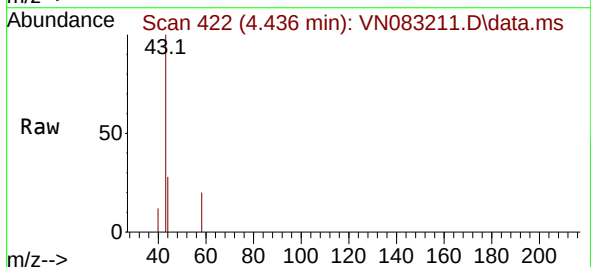


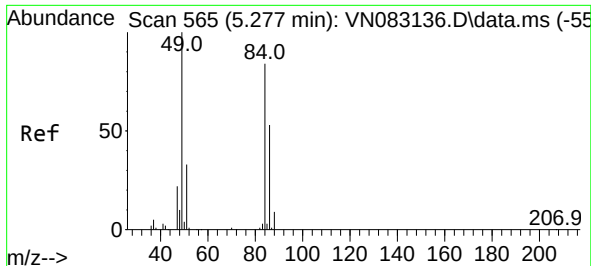
Tgt Ion:168 Resp: 138898
Ion Ratio Lower Upper
168 100
99 69.5 48.2 72.4



#16
Acetone
Concen: 5.084 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

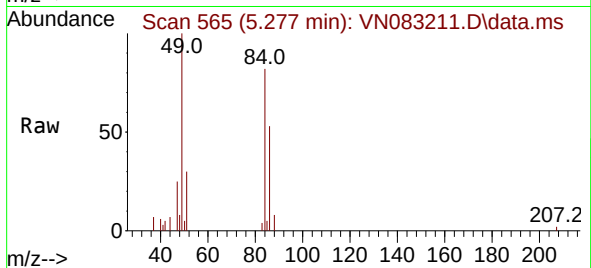
Tgt Ion: 43 Resp: 3933
Ion Ratio Lower Upper
43 100
58 20.3 21.8 32.6#



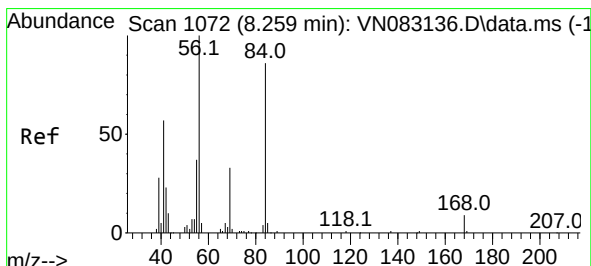
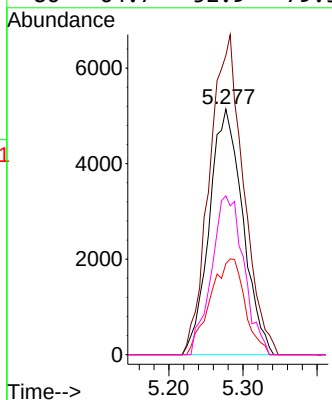
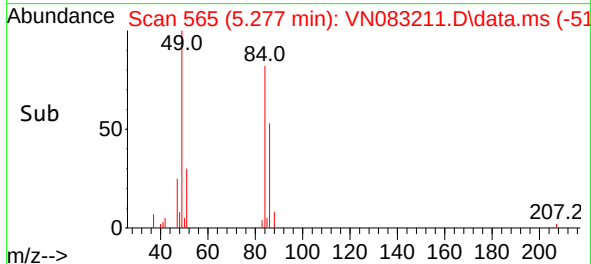


#20
Methylene Chloride
Concen: 9.045 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

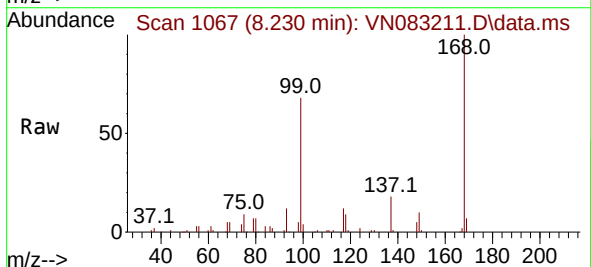
Instrument :
MSVOA_N
ClientSampleId :



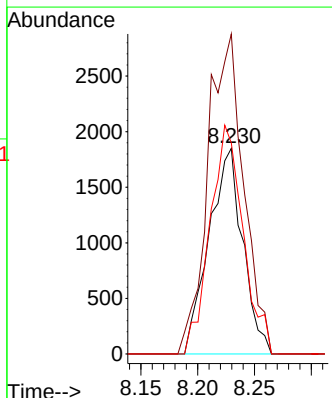
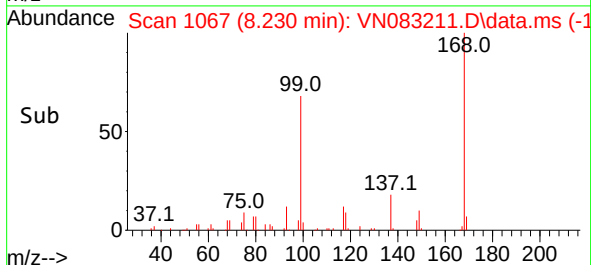
Tgt Ion:	84	Resp:	16104
Ion	Ratio	Lower	Upper
84	100		
49	121.9	119.6	179.4
51	37.1	34.8	52.2
86	64.7	52.9	79.3

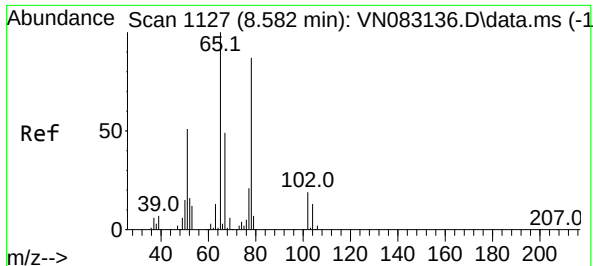


#31
Cyclohexane
Concen: 1.304 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34



Tgt Ion:	56	Resp:	3820
Ion	Ratio	Lower	Upper
56	100		
69	155.6	24.5	36.7#
84	102.5	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 59.012 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083211.D

Acq: 10 Aug 2024 16:34

Instrument :

MSVOA_N

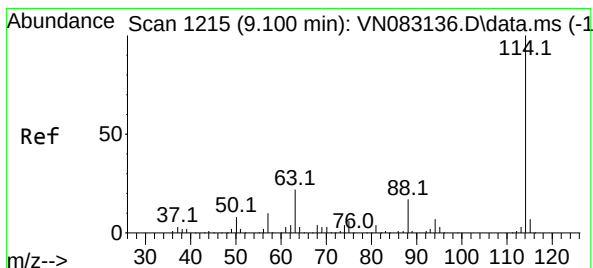
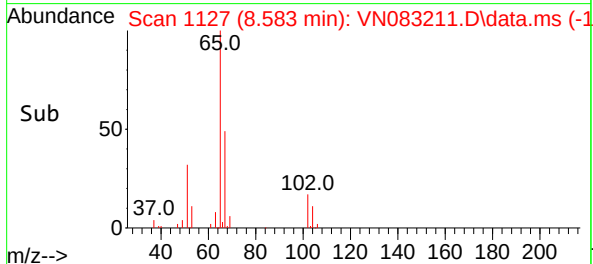
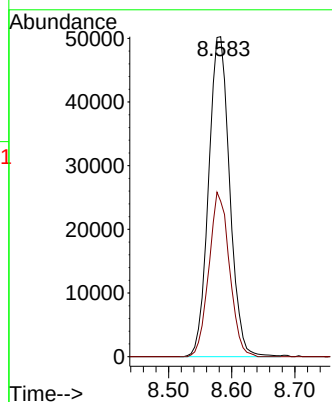
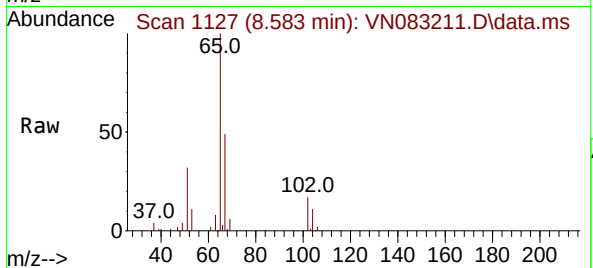
ClientSampleId :

Tgt Ion: 65 Resp: 116671

Ion Ratio Lower Upper

65 100

67 50.1 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: VN083211.D

Acq: 10 Aug 2024 16:34

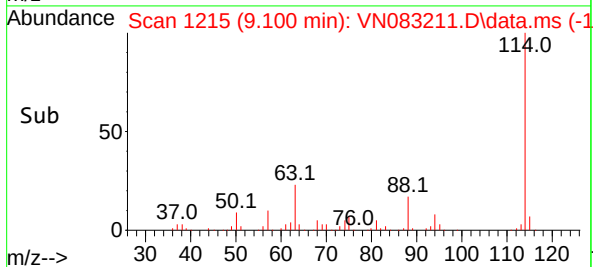
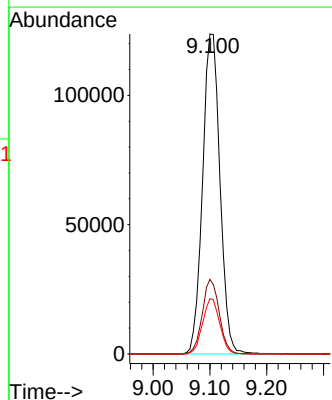
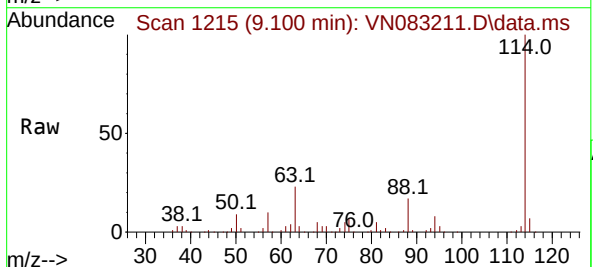
Tgt Ion: 114 Resp: 263193

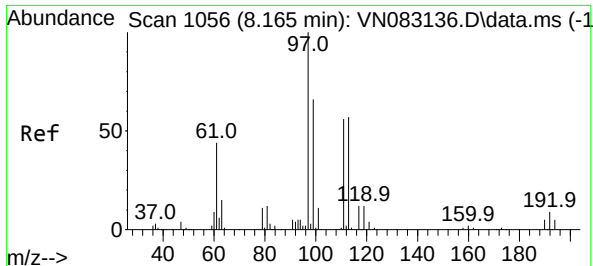
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

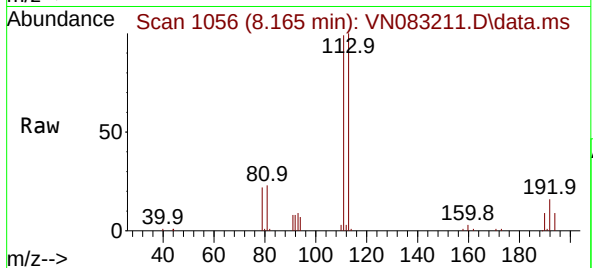
88 17.3 0.0 31.4



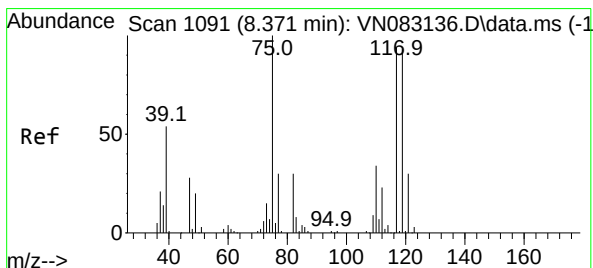
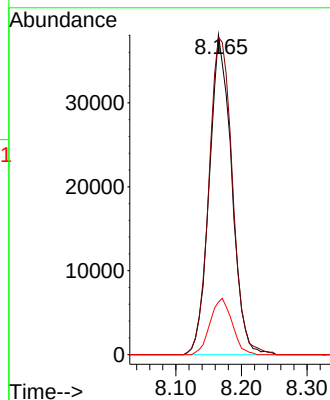
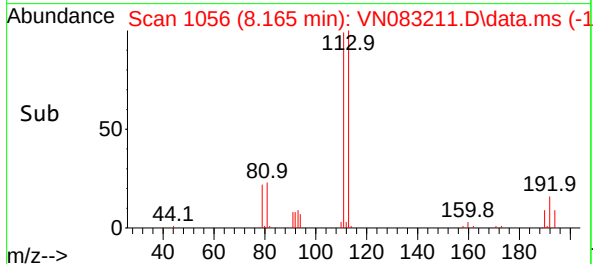


#35
Dibromofluoromethane
Concen: 54.797 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :

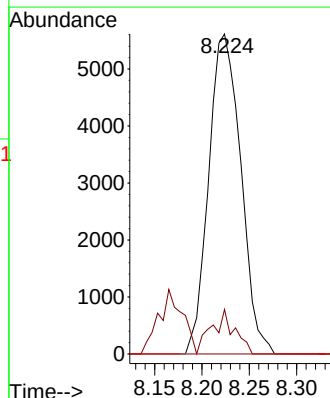
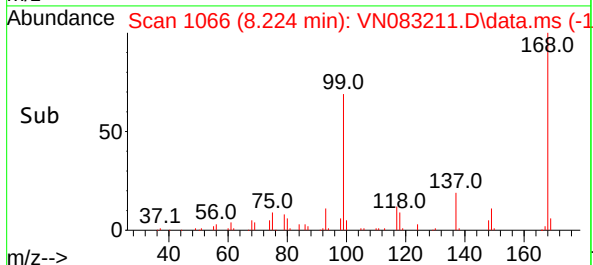
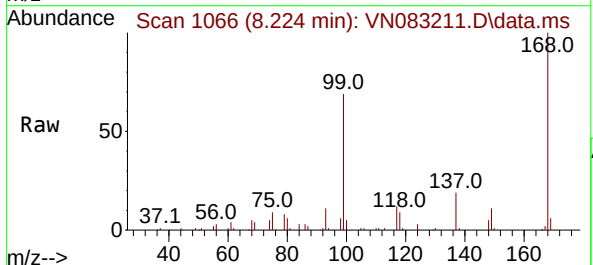


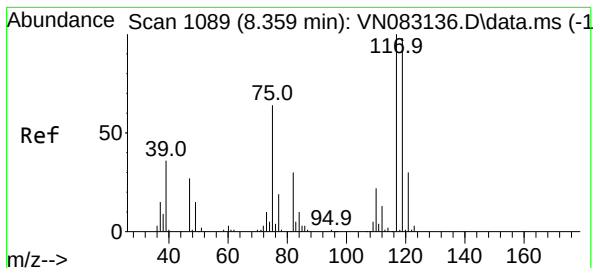
Tgt Ion:113 Resp: 90020
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 17.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.333 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

Tgt Ion: 75 Resp: 13254
Ion Ratio Lower Upper
75 100
110 9.9 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.809 ug/l

RT: 8.224 min Scan# 1105

Delta R.T. -0.135 min

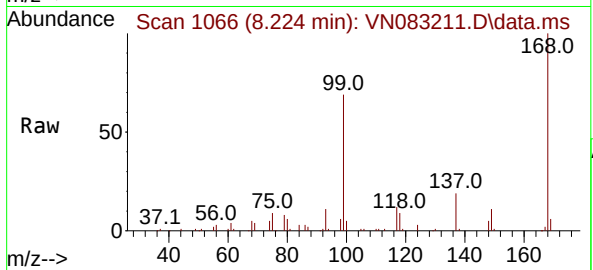
Lab File: VN083211.D

Acq: 10 Aug 2024 16:34

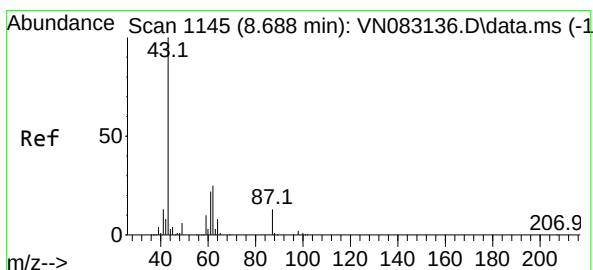
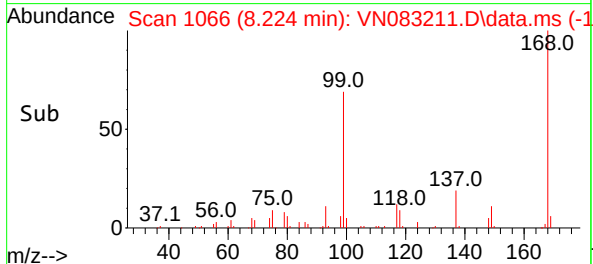
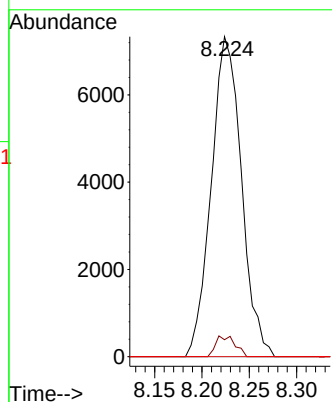
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	117	Resp:	16260
Ion	Ratio	Lower	Upper
117	100		
119	5.3	74.9	112.3#
121	0.0	24.3	36.5#



#43

Isopropyl Acetate

Concen: Below Cal

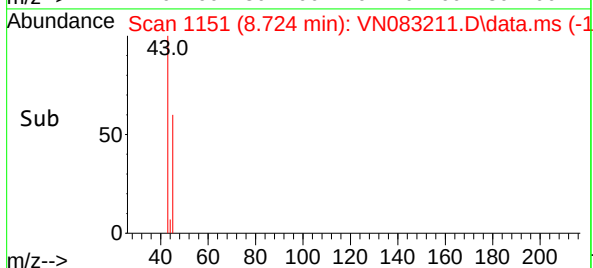
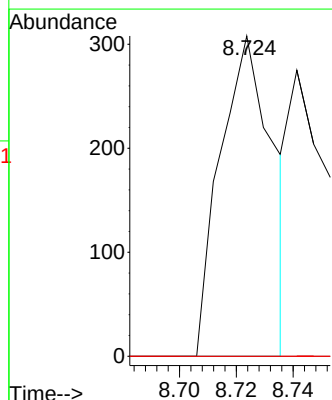
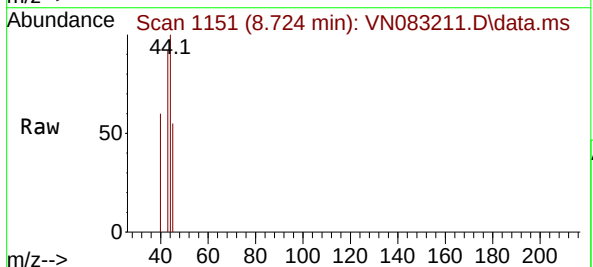
RT: 8.724 min Scan# 1151

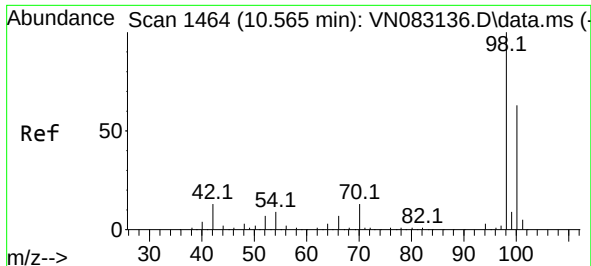
Delta R.T. 0.036 min

Lab File: VN083211.D

Acq: 10 Aug 2024 16:34

Tgt Ion:	43	Resp:	397
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#

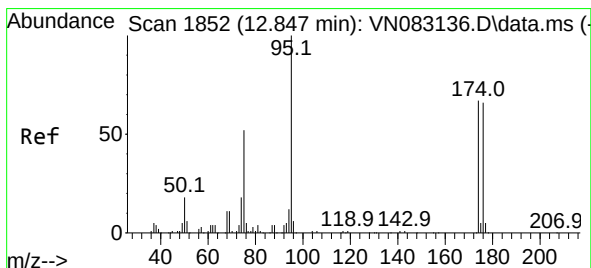
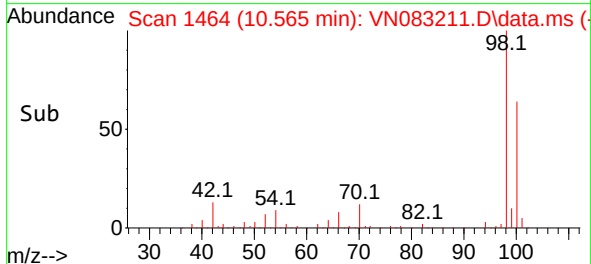
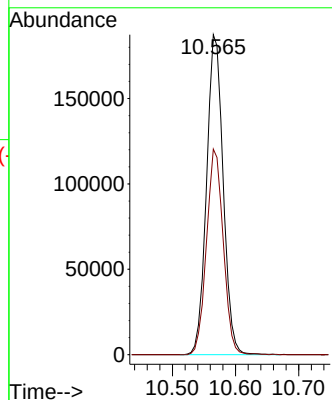
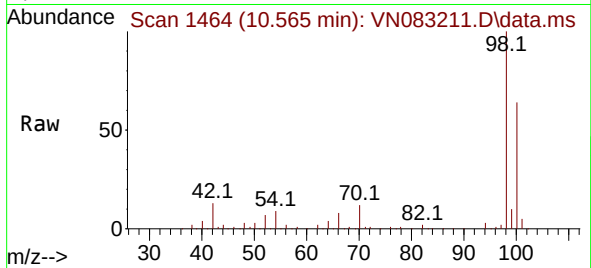




#50
Toluene-d8
Concen: 55.852 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

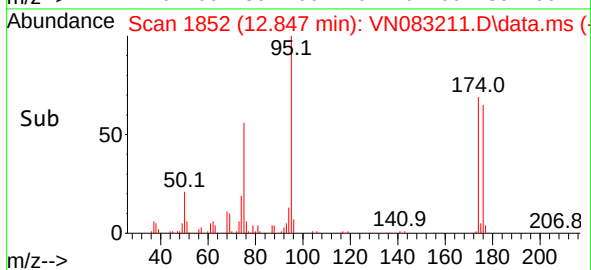
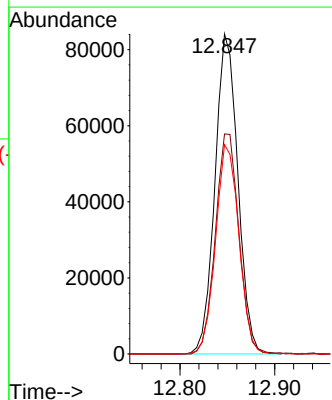
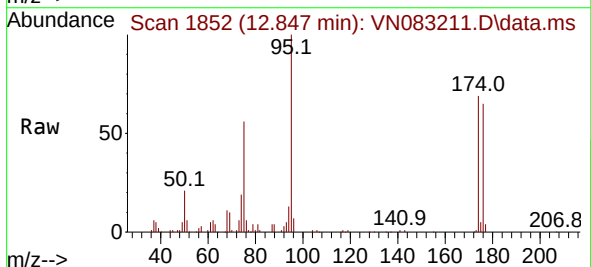
Instrument :
MSVOA_N
ClientSampleId :

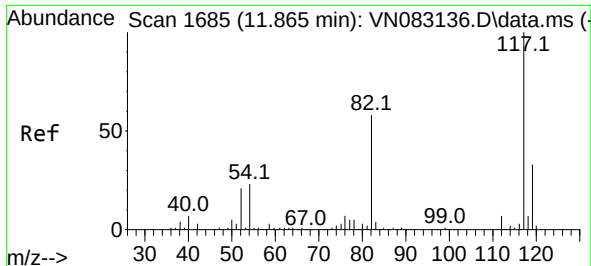
Tgt Ion: 98 Resp: 342263
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 59.263 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

Tgt Ion: 95 Resp: 141583
Ion Ratio Lower Upper
95 100
174 70.7 0.0 159.2
176 66.7 0.0 147.6

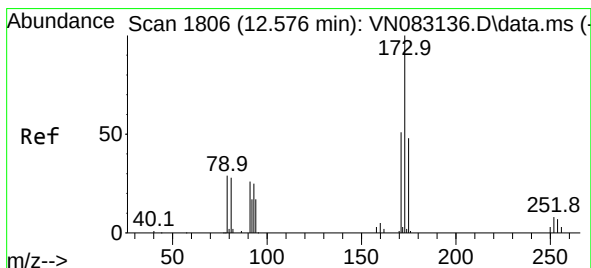
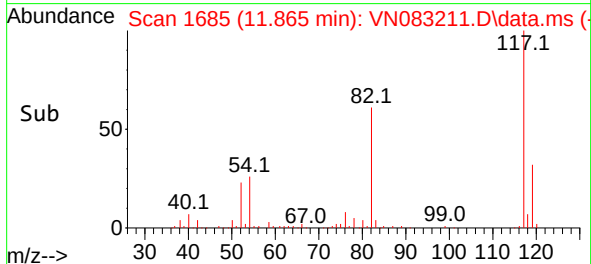
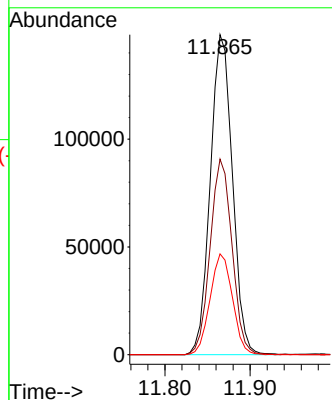
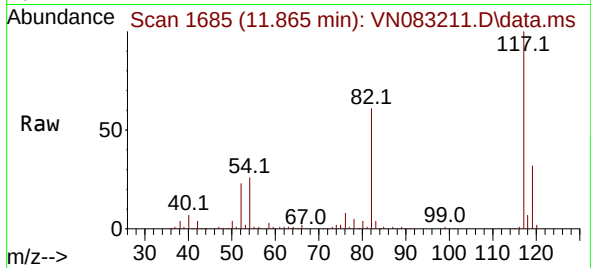




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

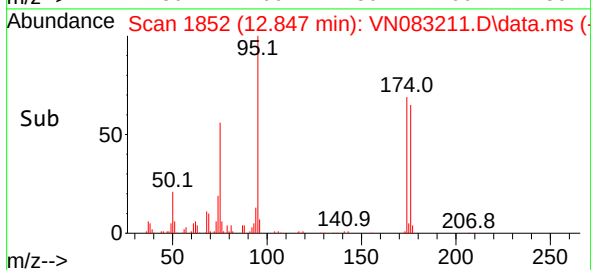
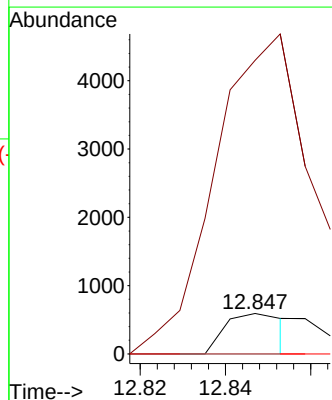
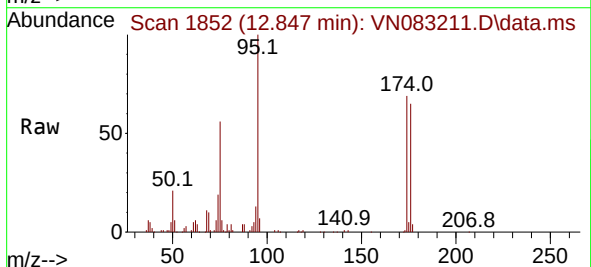
Instrument :
MSVOA_N
ClientSampleId :

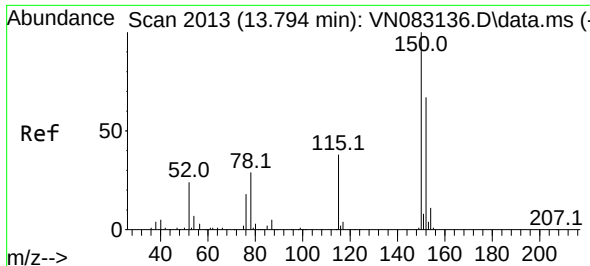
Tgt Ion:117 Resp: 267432
Ion Ratio Lower Upper
117 100
82 61.1 47.5 71.3
119 31.5 25.6 38.4



#71
Bromoform
Concen: 0.363 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

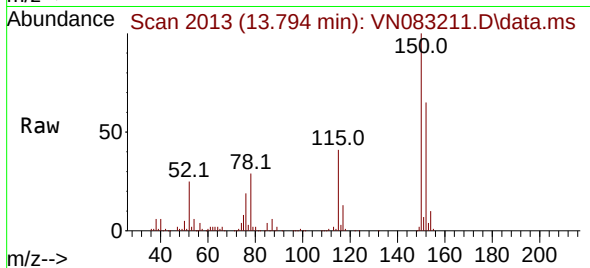
Tgt Ion:173 Resp: 573
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



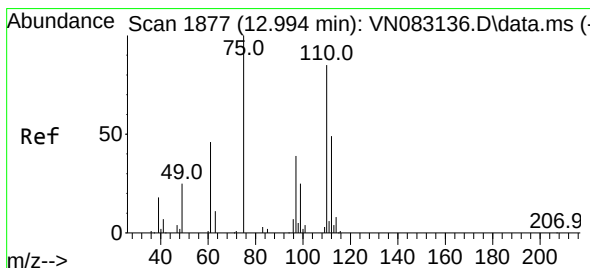
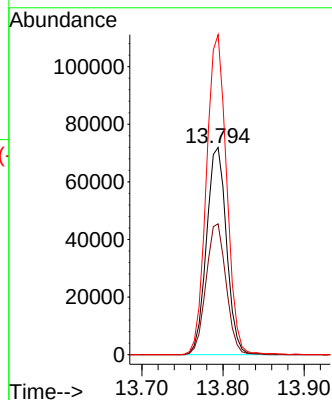
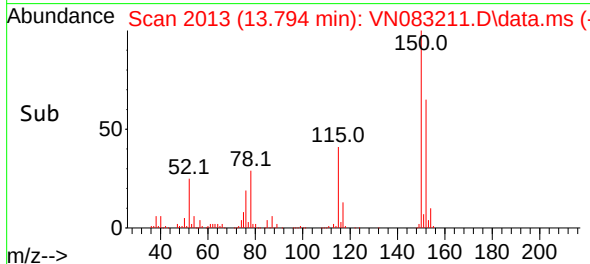


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :

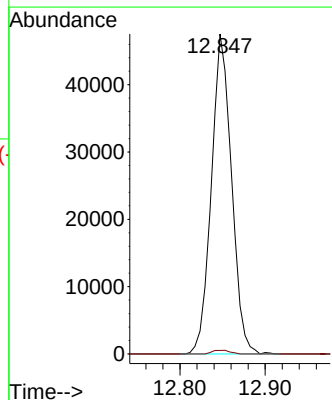
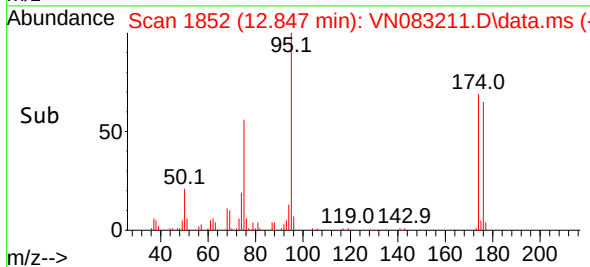
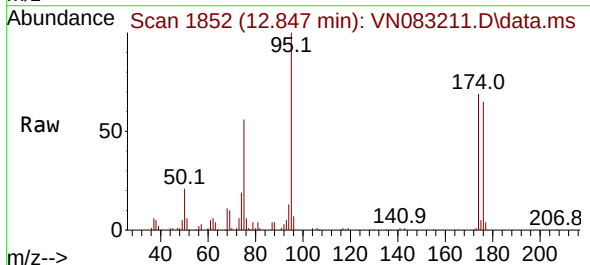


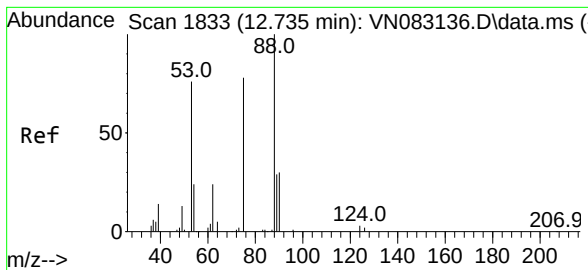
Tgt Ion:152 Resp: 123157
Ion Ratio Lower Upper
152 100
115 63.5 30.6 91.6
150 155.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.946 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

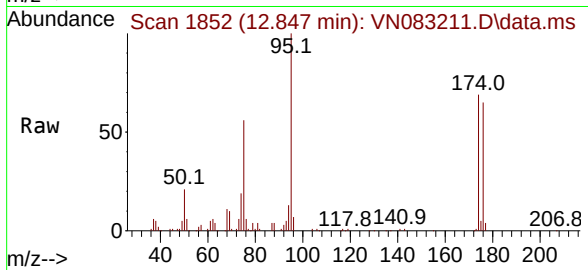
Tgt Ion: 75 Resp: 78241
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.965 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083211.D
Acq: 10 Aug 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 78241
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

