

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083242.D
 Acq On : 12 Aug 2024 17:00
 Operator : JC\MD
 Sample : P3426-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 13 04:22:34 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

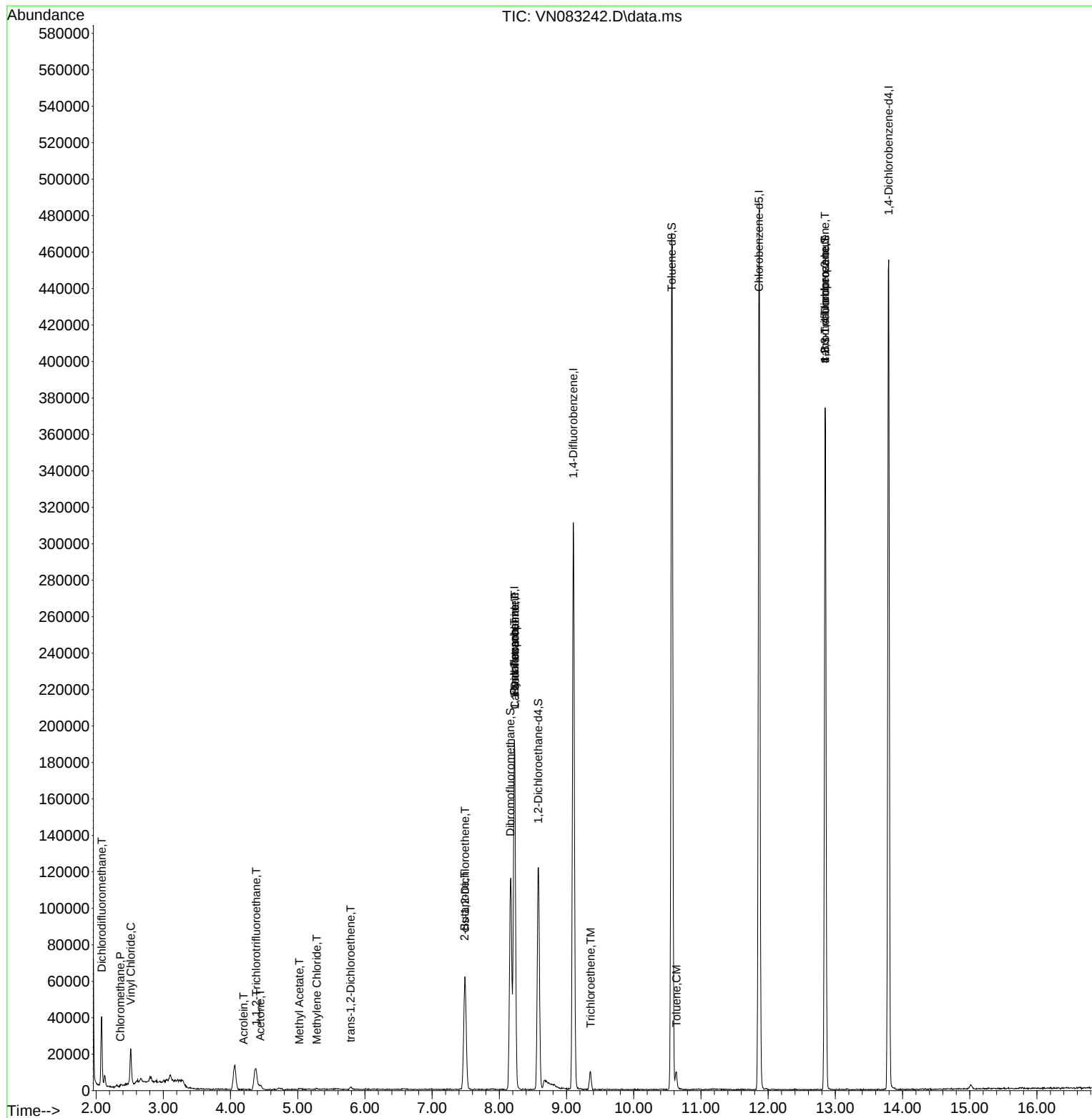
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	133768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108201	56.827	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.660%
35) Dibromofluoromethane	8.165	113	85432	52.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.240%
50) Toluene-d8	10.565	98	323899	53.476	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.960%
62) 4-Bromofluorobenzene	12.847	95	134124	56.801	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	113.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.083	85	4835	3.187	ug/l	87
3) Chloromethane	2.360	50	497	0.320	ug/l #	43
4) Vinyl Chloride	2.518	62	17204	10.856	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	8815	6.107	ug/l	99
13) Acrolein	4.195	56	53	0.206	ug/l #	14
16) Acetone	4.442	43	5847	7.848	ug/l #	71
18) Methyl Acetate	5.024	43	494	0.223	ug/l #	56
20) Methylene Chloride	5.283	84	356	0.208	ug/l #	33
21) trans-1,2-Dichloroethene	5.789	96	759	0.495	ug/l #	54
25) 2-Butanone	7.483	43	288	0.252	ug/l #	53
27) cis-1,2-Dichloroethene	7.489	96	36491	19.731	ug/l	83
31) Cyclohexane	8.224	56	3353	1.188	ug/l #	19
36) 1,1-Dichloropropene	8.230	75	11571	4.711	ug/l #	51
38) Carbon Tetrachloride	8.230	117	15454	5.586	ug/l #	17
43) Isopropyl Acetate	8.688	43	7413	Below Cal	#	60
44) Trichloroethene	9.359	130	3663	2.103	ug/l	92
52) Toluene	10.635	92	4128	0.893	ug/l	99
76) 1,2,3-Trichloropropane	12.847	75	73708	28.339	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73708	61.643	ug/l #	6

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

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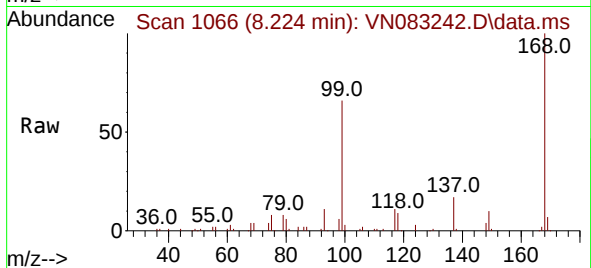
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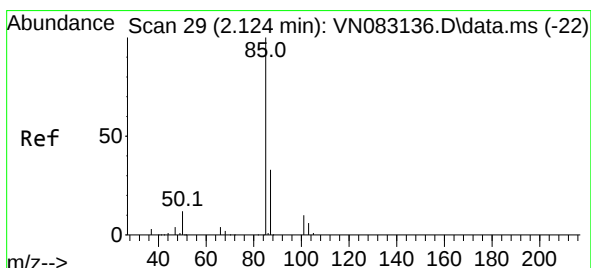
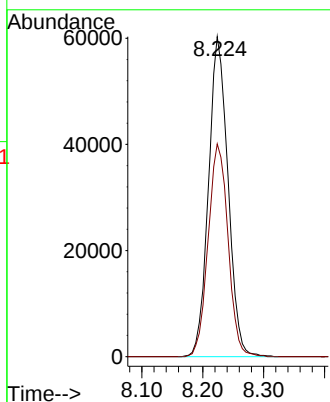
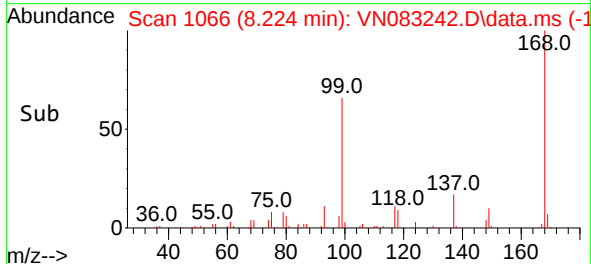


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :

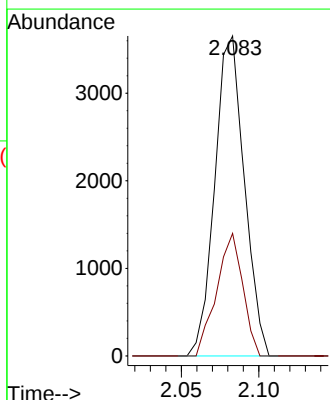
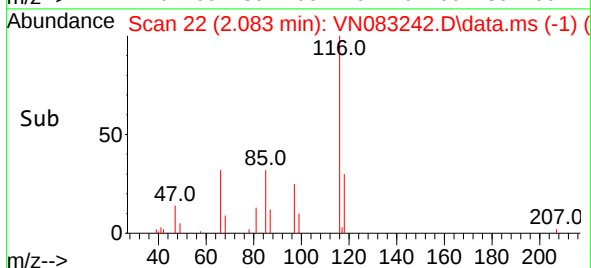
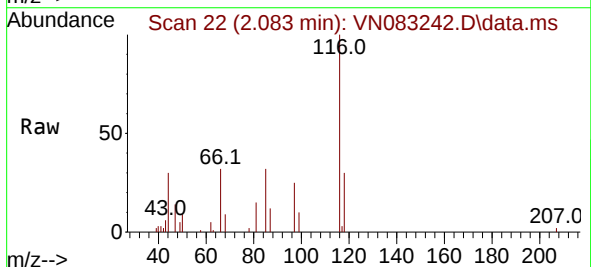


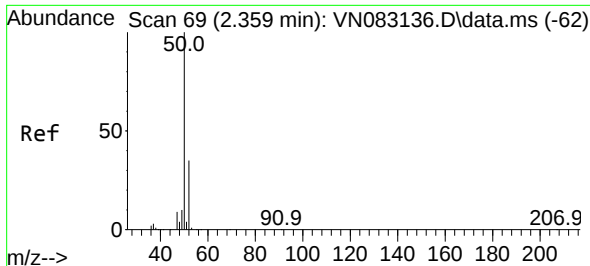
Tgt Ion:168 Resp: 133768
Ion Ratio Lower Upper
168 100
99 66.5 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 3.187 ug/l
RT: 2.083 min Scan# 22
Delta R.T. -0.041 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

Tgt Ion: 85 Resp: 4835
Ion Ratio Lower Upper
85 100
87 38.3 15.7 47.0

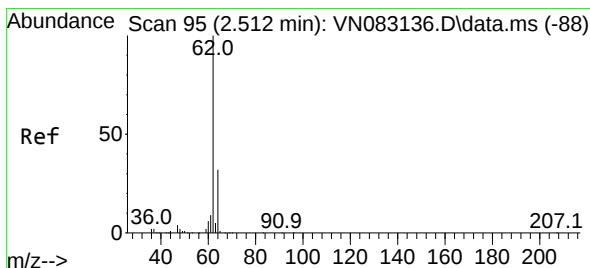
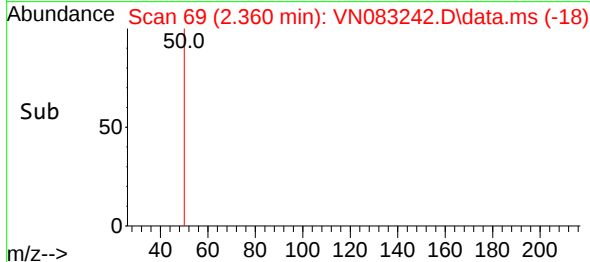
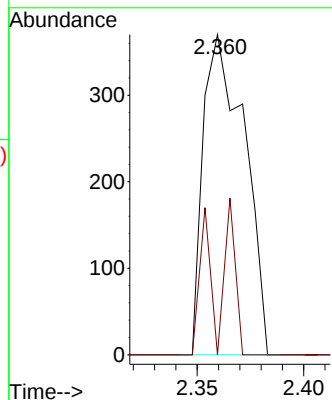
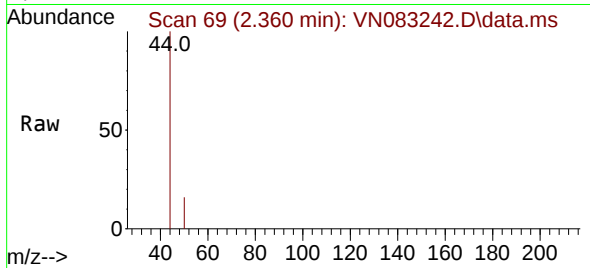




#3
Chloromethane
Concen: 0.320 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

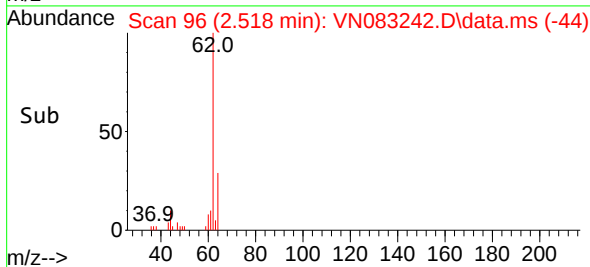
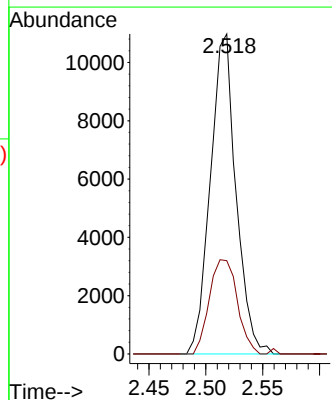
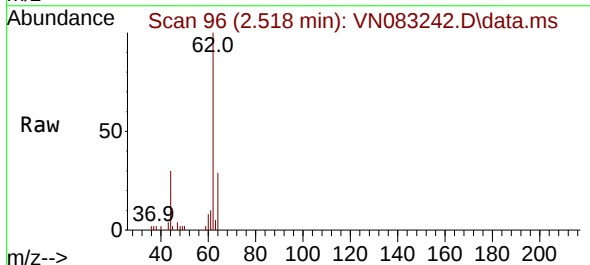
Instrument :
MSVOA_N
ClientSampleId :

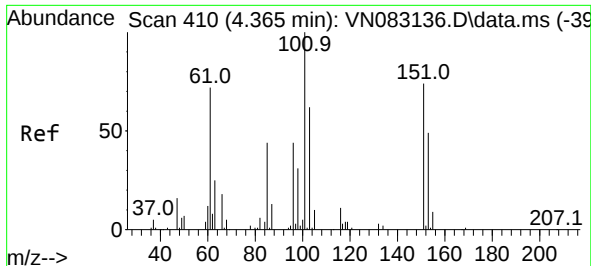
Tgt Ion: 50 Resp: 497
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



#4
Vinyl Chloride
Concen: 10.856 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

Tgt Ion: 62 Resp: 17204
Ion Ratio Lower Upper
62 100
64 29.2 25.0 37.6

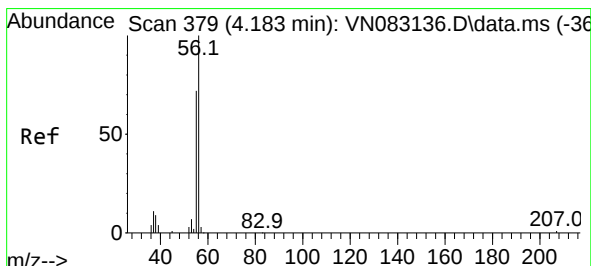
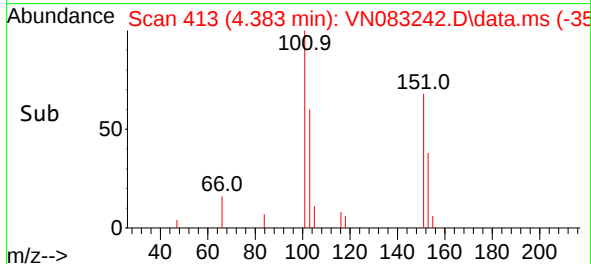
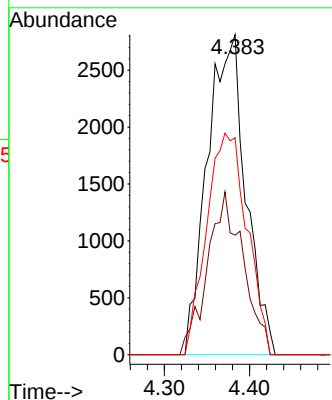
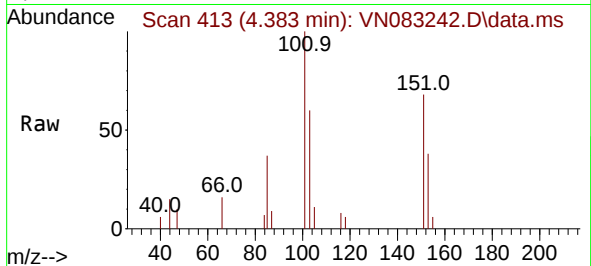




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.107 ug/l
RT: 4.383 min Scan# 410
Delta R.T. 0.018 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

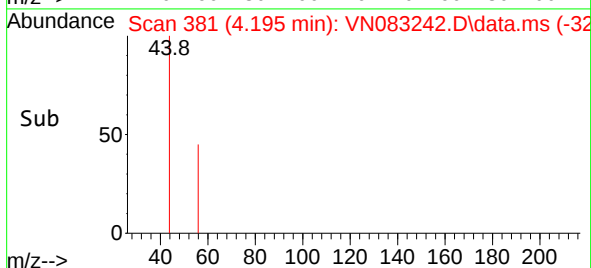
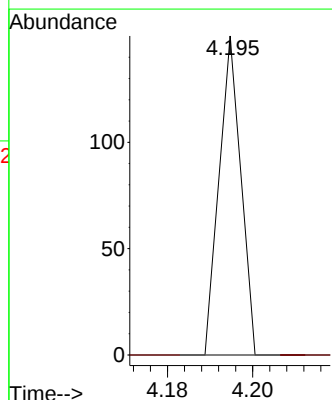
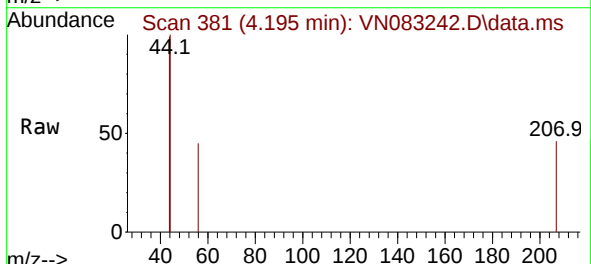
Instrument :
MSVOA_N
ClientSampleId :

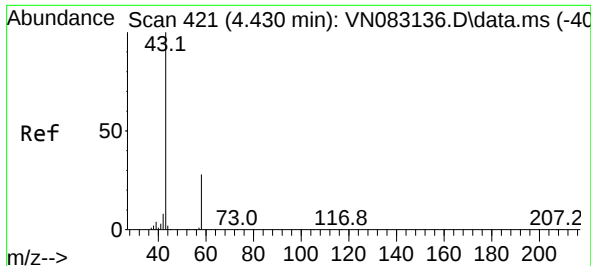
Tgt Ion:101 Resp: 8815
Ion Ratio Lower Upper
101 100
85 47.3 38.3 57.5
151 72.8 59.3 88.9



#13
Acrolein
Concen: 0.206 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

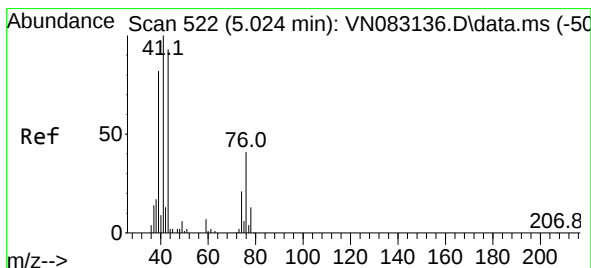
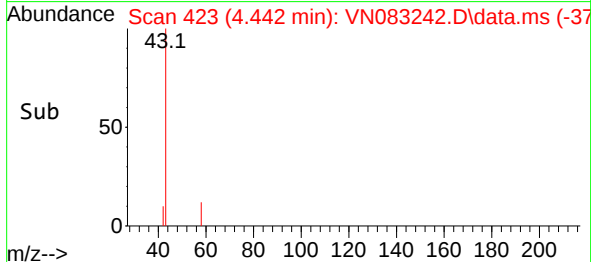
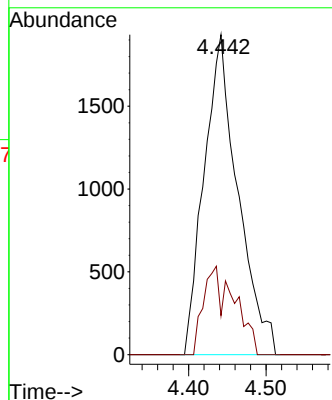
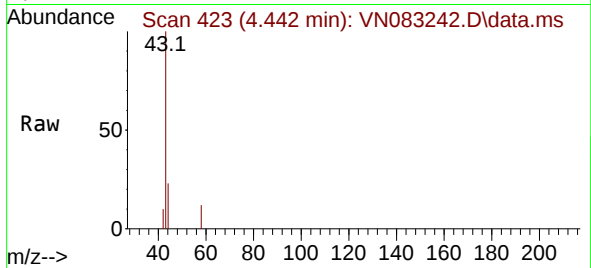




#16
Acetone
Concen: 7.848 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

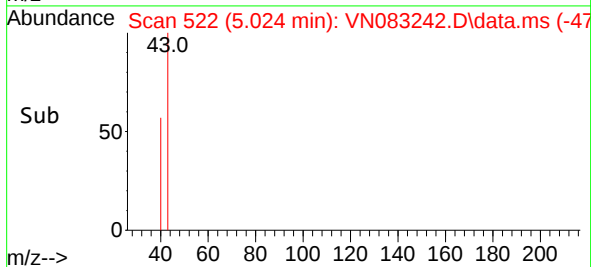
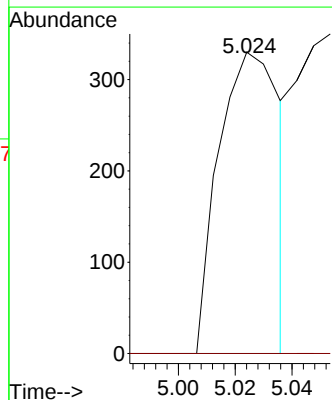
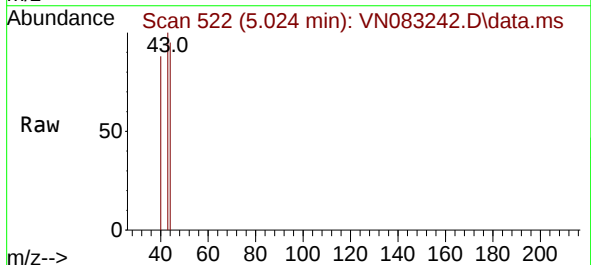
Instrument :
MSVOA_N
ClientSampleId :

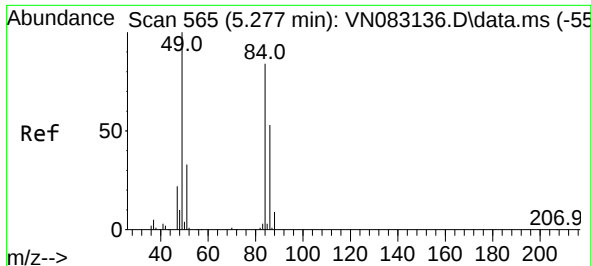
Tgt Ion: 43 Resp: 5847
Ion Ratio Lower Upper
43 100
58 12.2 21.8 32.6#



#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

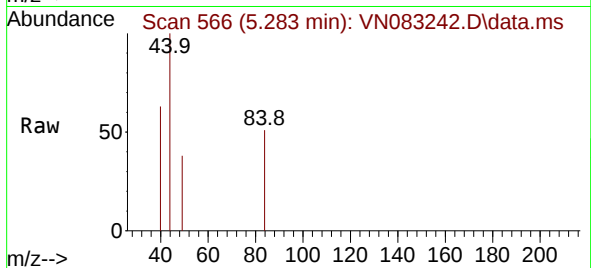
Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



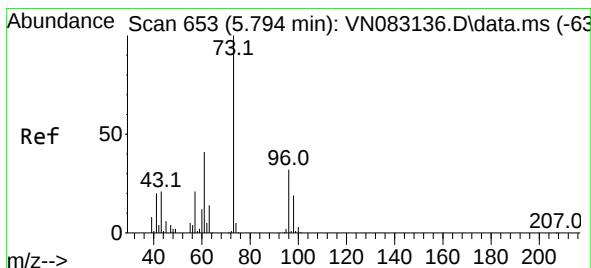
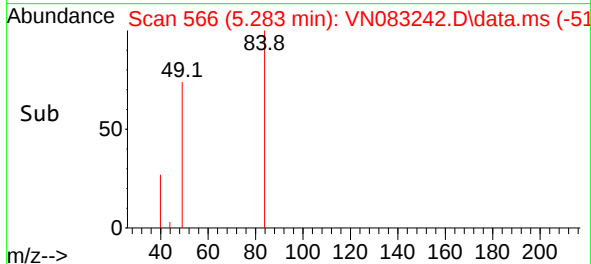
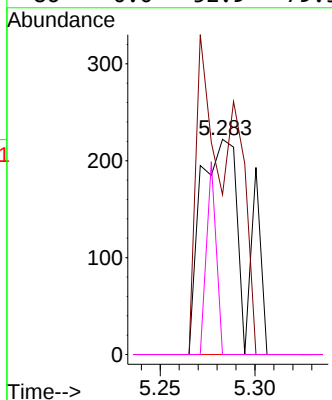


#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :

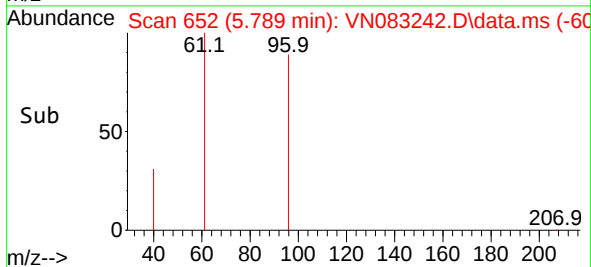
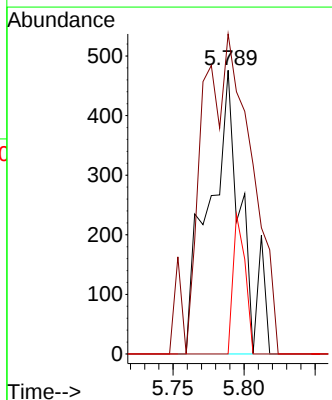
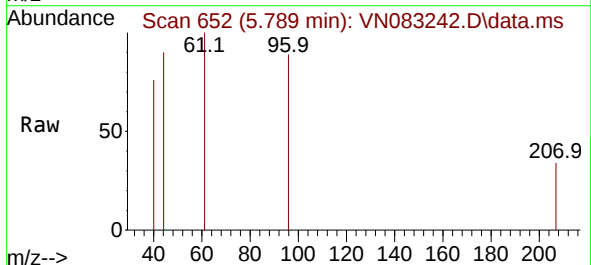


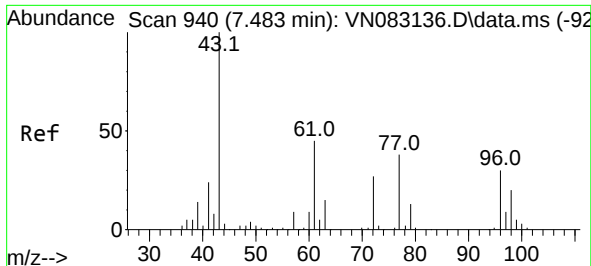
Tgt Ion:	84	Resp:	356
Ion	Ratio	Lower	Upper
84	100		
49	74.3	119.6	179.4#
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#



#21
trans-1,2-Dichloroethene
Concen: 0.495 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

Tgt Ion:	96	Resp:	759
Ion	Ratio	Lower	Upper
96	100		
61	112.8	123.4	185.2#
98	0.0	49.3	73.9#

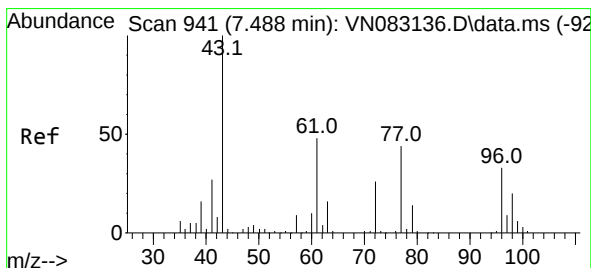
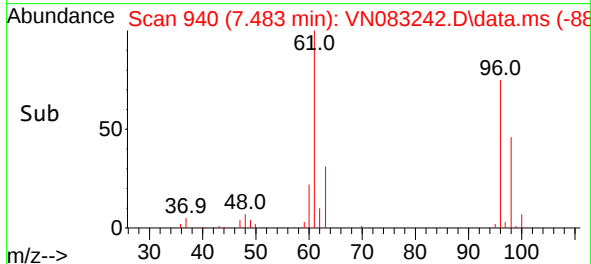
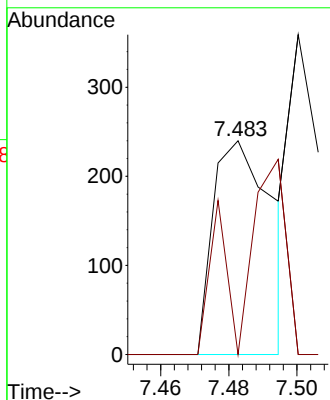
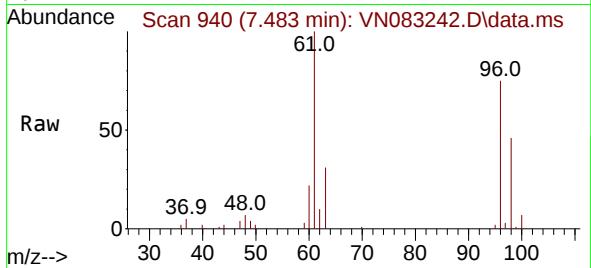




#25
2-Butanone
Concen: 0.252 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

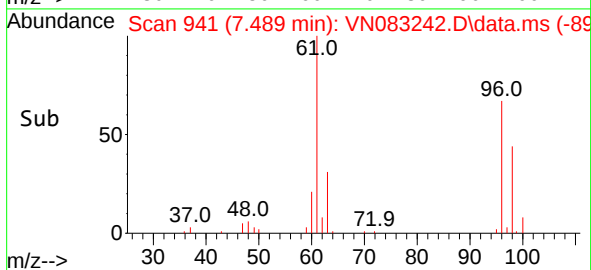
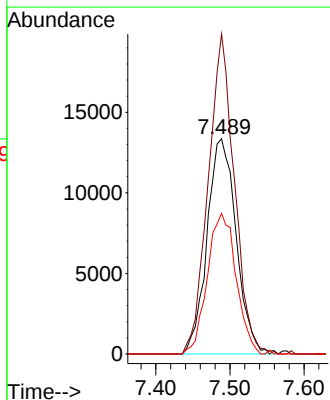
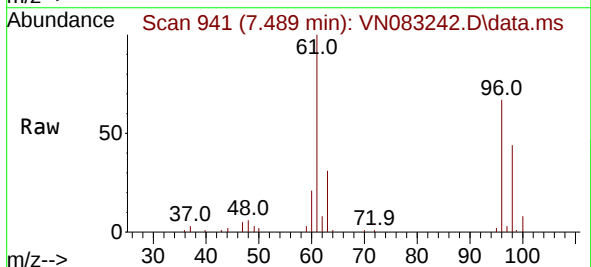
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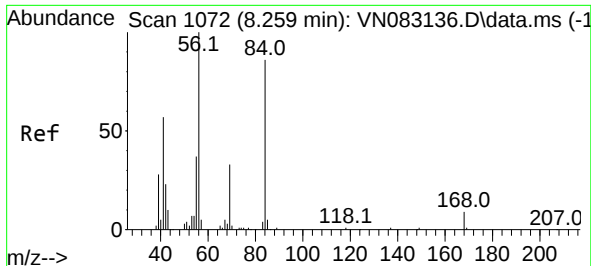
Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#27
cis-1,2-Dichloroethene
Concen: 19.731 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

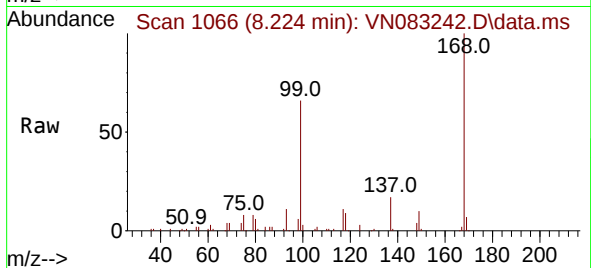
Tgt Ion: 96 Resp: 36491
Ion Ratio Lower Upper
96 100
61 133.2 0.0 329.6
98 64.3 0.0 128.6



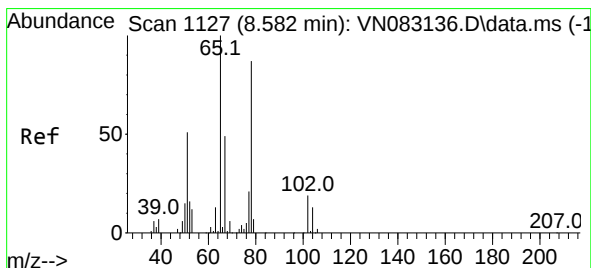
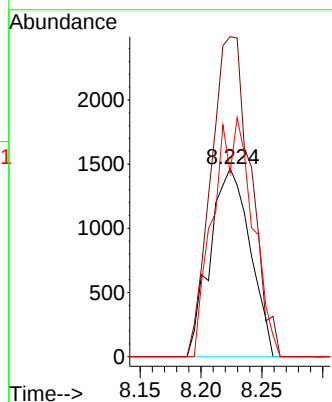
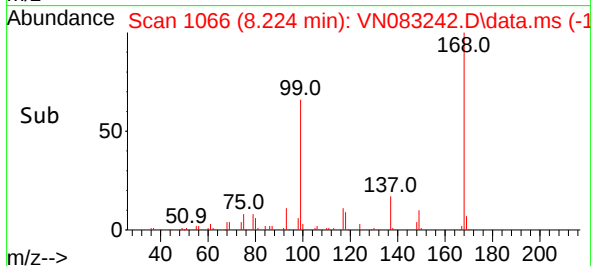


#31
Cyclohexane
Concen: 1.188 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :

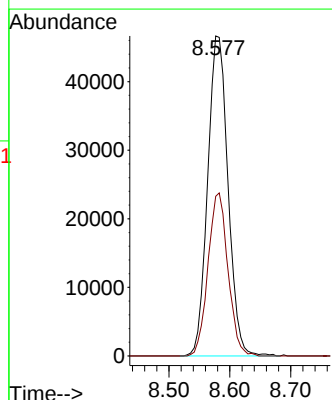
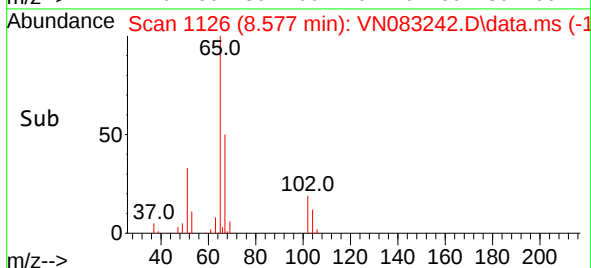
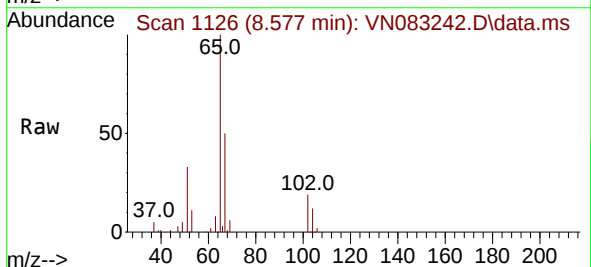


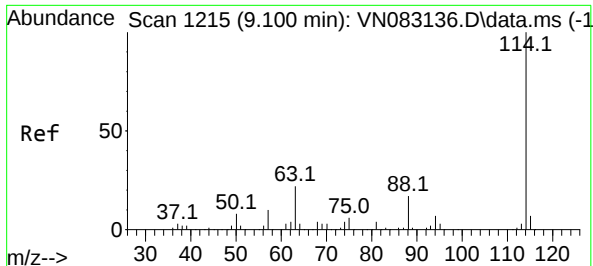
Tgt Ion: 56 Resp: 3353
Ion Ratio Lower Upper
56 100
69 170.1 24.5 36.7#
84 97.8 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 56.827 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

Tgt Ion: 65 Resp: 108201
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083242.D

Acq: 12 Aug 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

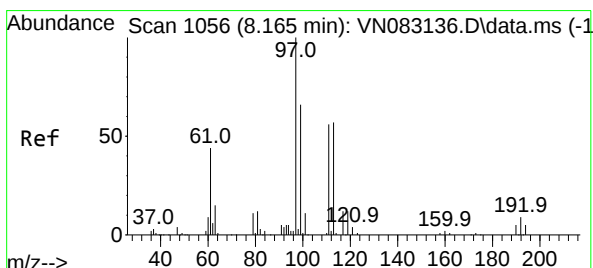
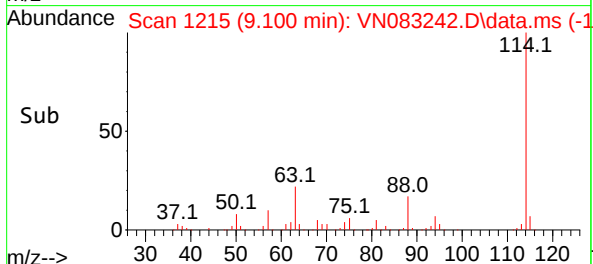
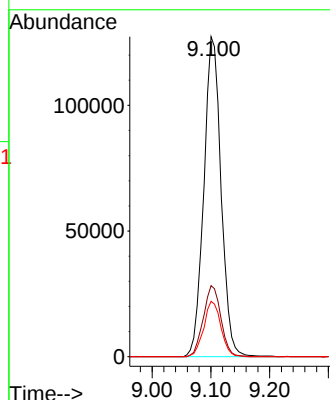
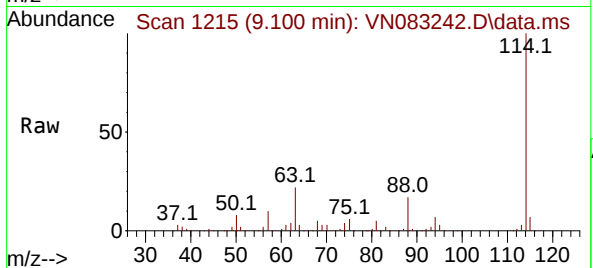
Tgt Ion:114 Resp: 260137

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 17.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.615 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083242.D

Acq: 12 Aug 2024 17:00

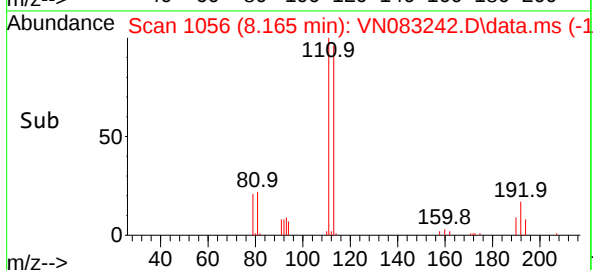
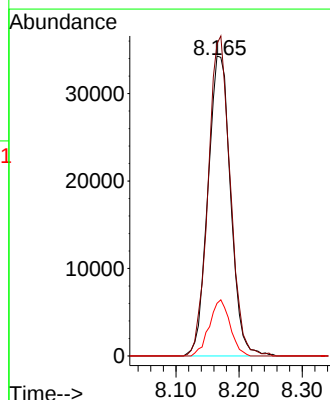
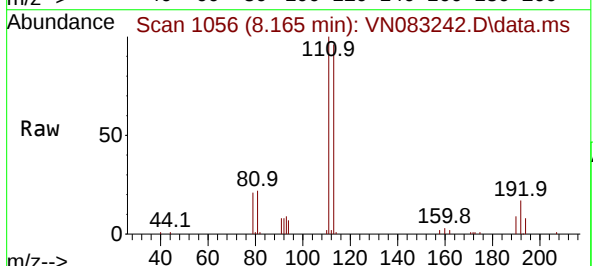
Tgt Ion:113 Resp: 85432

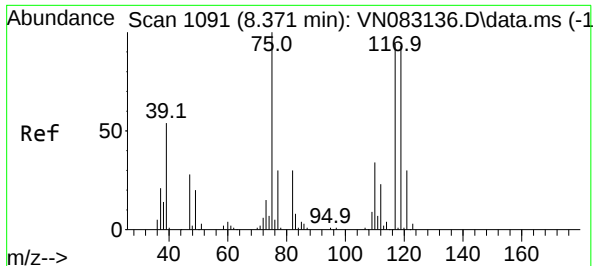
Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 17.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.711 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083242.D

Acq: 12 Aug 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

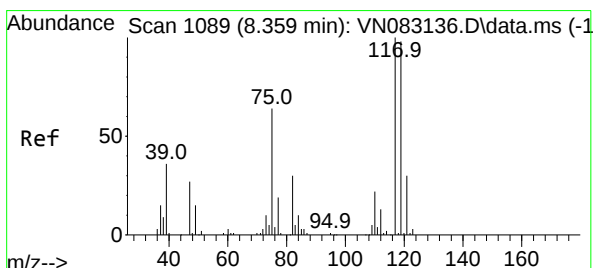
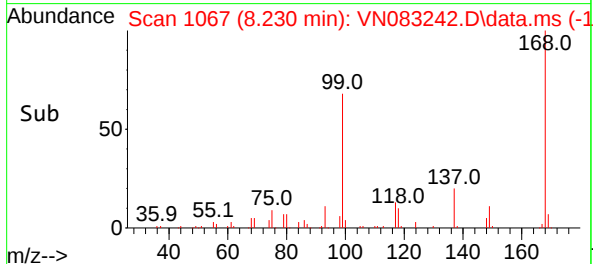
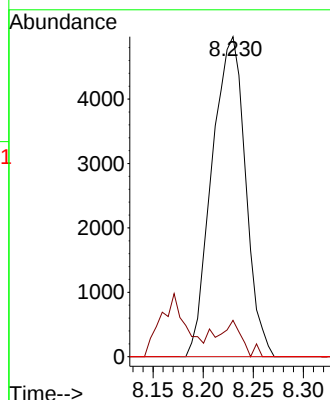
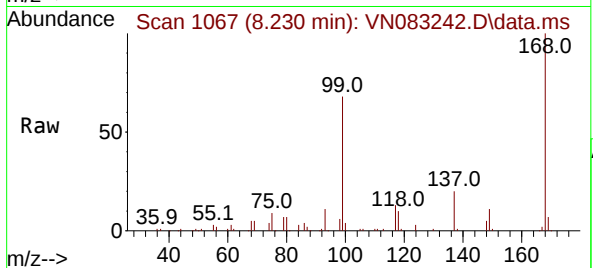
Tgt Ion: 75 Resp: 11571

Ion Ratio Lower Upper

75 100

110 8.7 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.586 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN083242.D

Acq: 12 Aug 2024 17:00

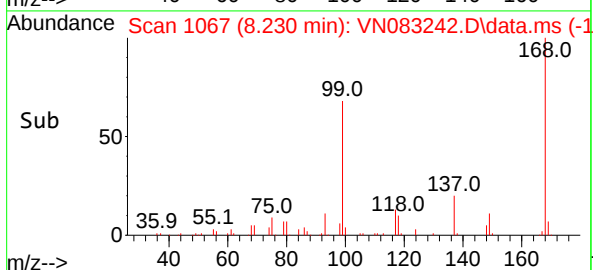
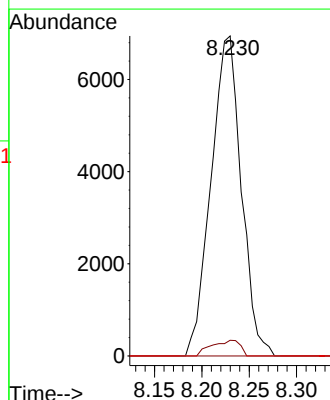
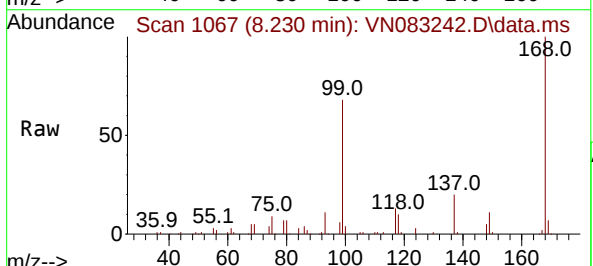
Tgt Ion: 117 Resp: 15454

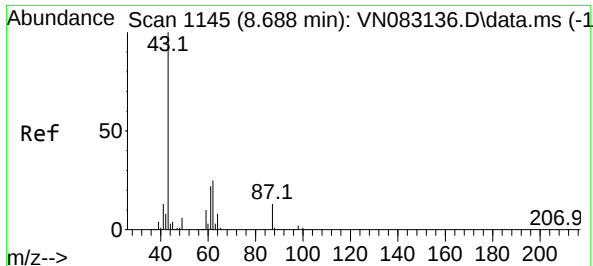
Ion Ratio Lower Upper

117 100

119 4.9 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

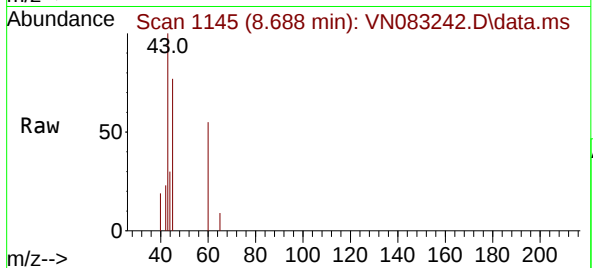
Lab File: VN083242.D

Acq: 12 Aug 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :



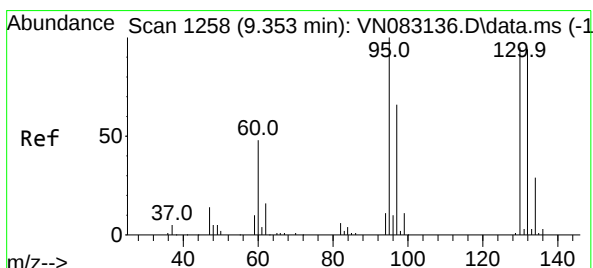
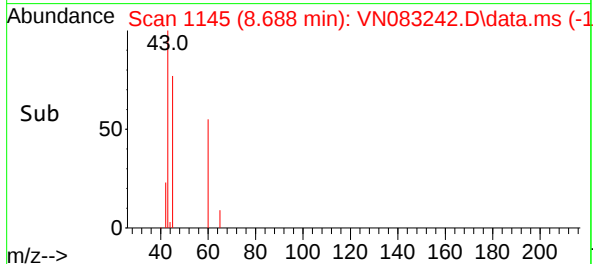
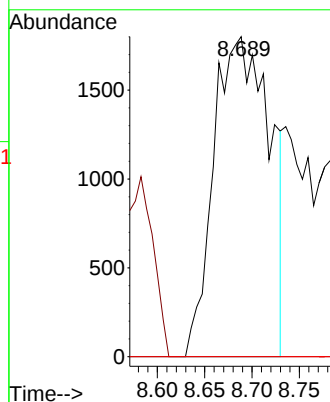
Tgt Ion: 43 Resp: 7413

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#44

Trichloroethene

Concen: 2.103 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN083242.D

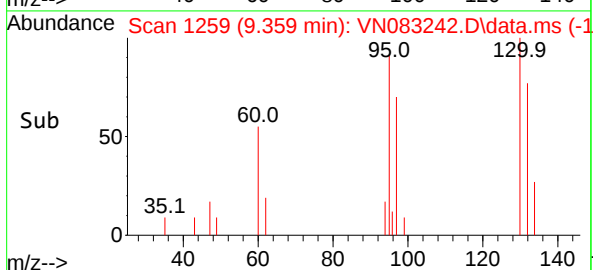
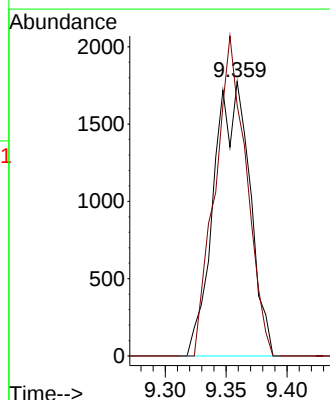
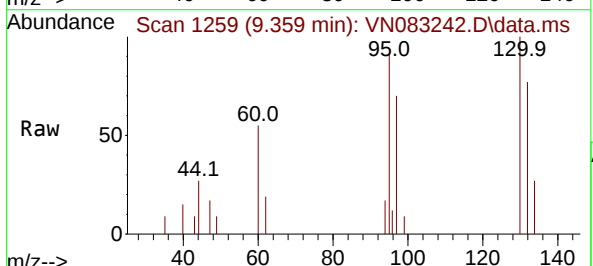
Acq: 12 Aug 2024 17:00

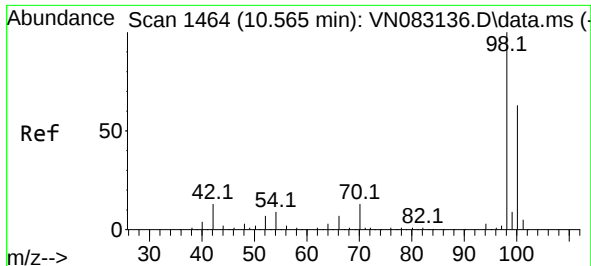
Tgt Ion:130 Resp: 3663

Ion Ratio Lower Upper

130 100

95 91.3 0.0 197.8

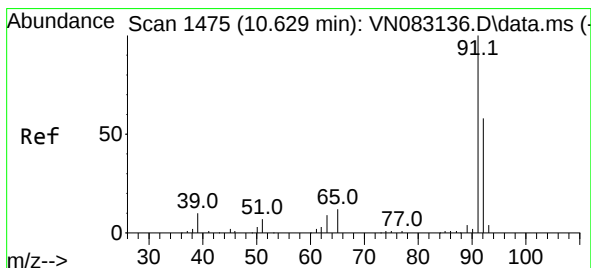
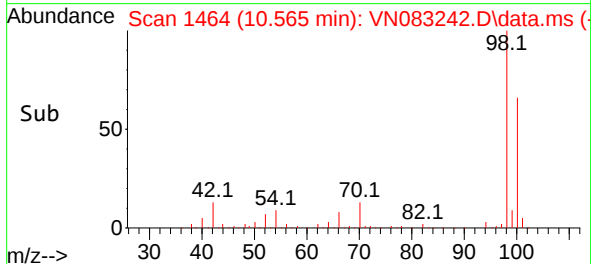
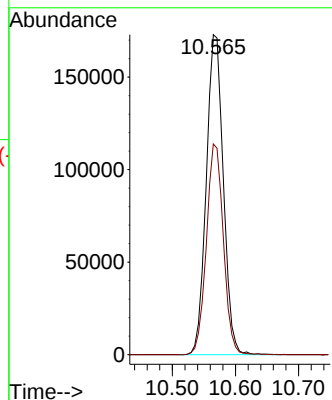
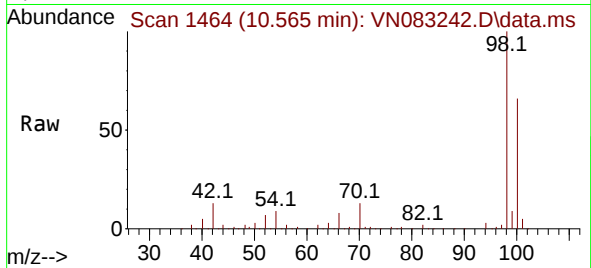




#50
Toluene-d8
Concen: 53.476 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

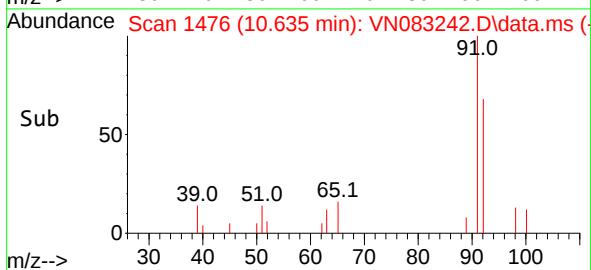
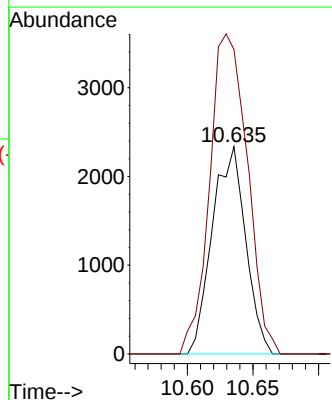
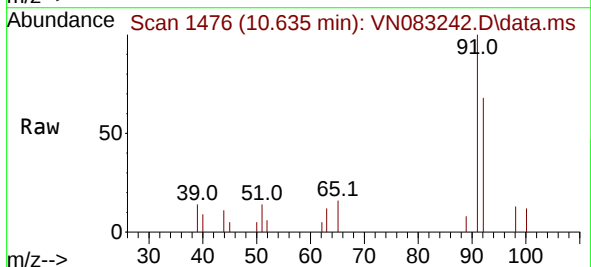
Instrument :
MSVOA_N
ClientSampleId :

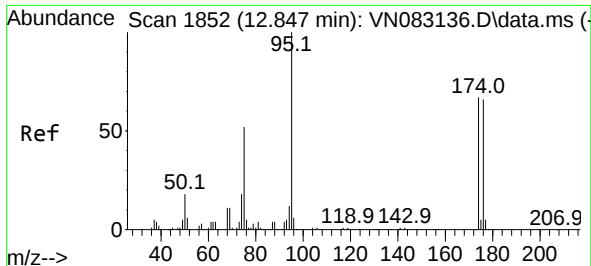
Tgt Ion: 98 Resp: 323899
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#52
Toluene
Concen: 0.893 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

Tgt Ion: 92 Resp: 4128
Ion Ratio Lower Upper
92 100
91 175.0 139.4 209.0

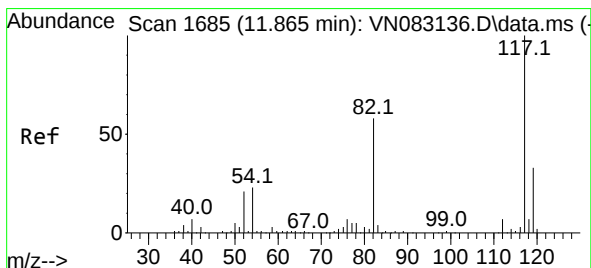
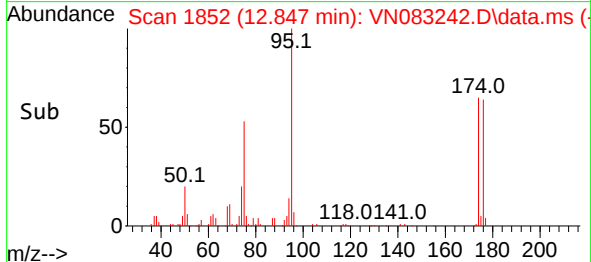
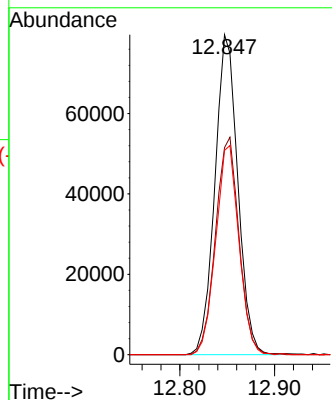
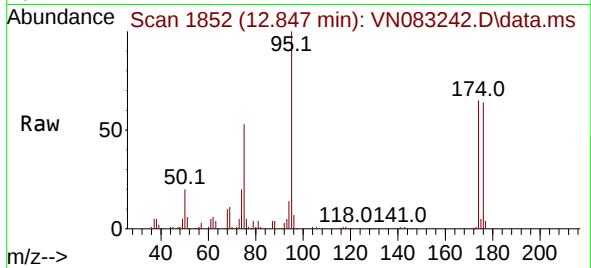




#62
4-Bromofluorobenzene
Concen: 56.801 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

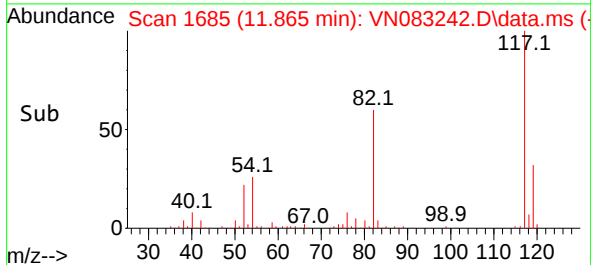
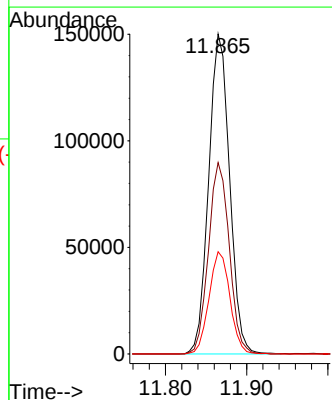
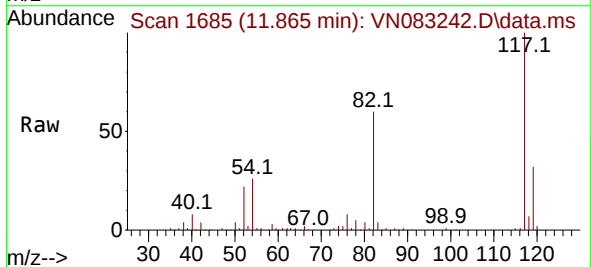
Instrument :
MSVOA_N
ClientSampleId :

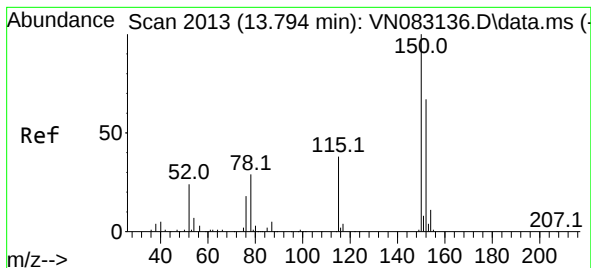
Tgt Ion:	95	Resp:	134124
Ion Ratio	Lower	Upper	
95	100		
174	69.6	0.0	159.2
176	66.1	0.0	147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

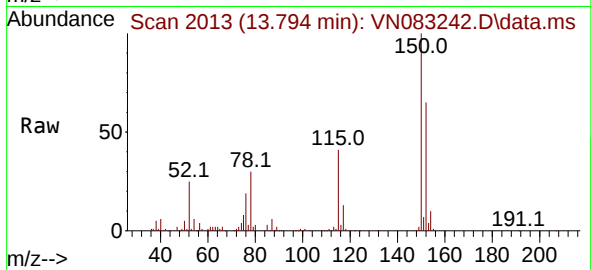
Tgt Ion:	117	Resp:	268551
Ion Ratio	Lower	Upper	
117	100		
82	59.8	47.5	71.3
119	31.9	25.6	38.4



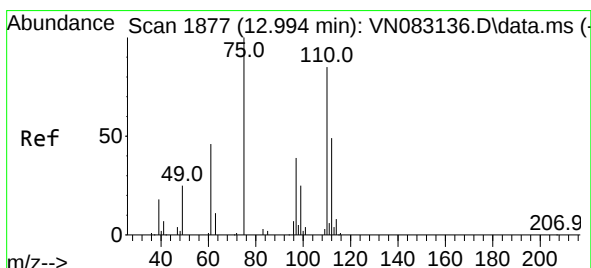
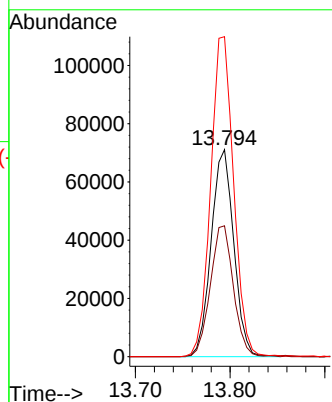
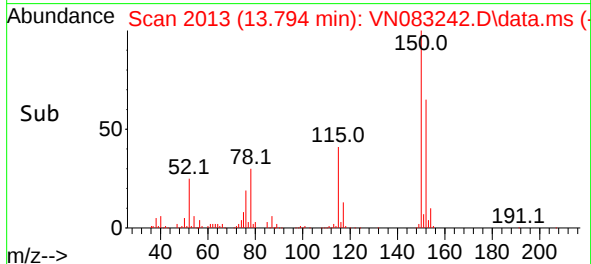


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :

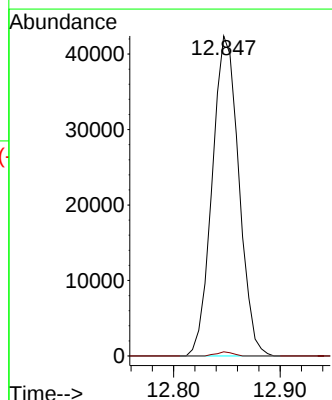
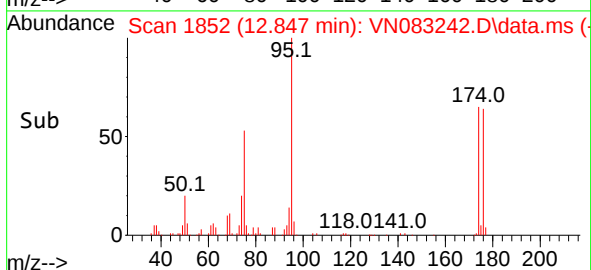
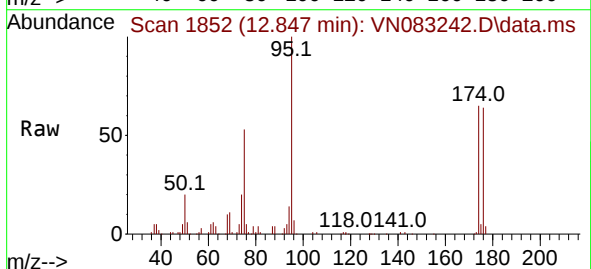


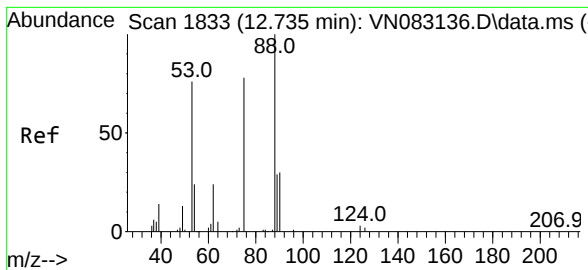
Tgt Ion:152 Resp: 118509
Ion Ratio Lower Upper
152 100
115 64.4 30.6 91.6
150 156.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.339 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

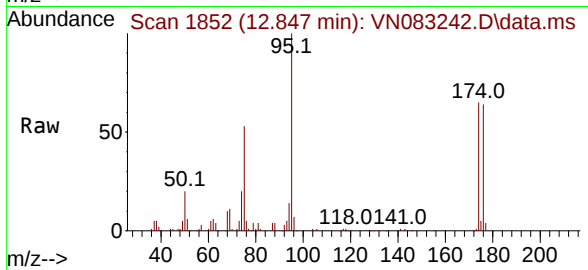
Tgt Ion: 75 Resp: 73708
Ion Ratio Lower Upper
75 100
77 0.8 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.643 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083242.D
Acq: 12 Aug 2024 17:00

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#

