

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083051.D
 Acq On : 26 Jul 2024 14:59
 Operator : JC\MD
 Sample : P3375-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:07:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

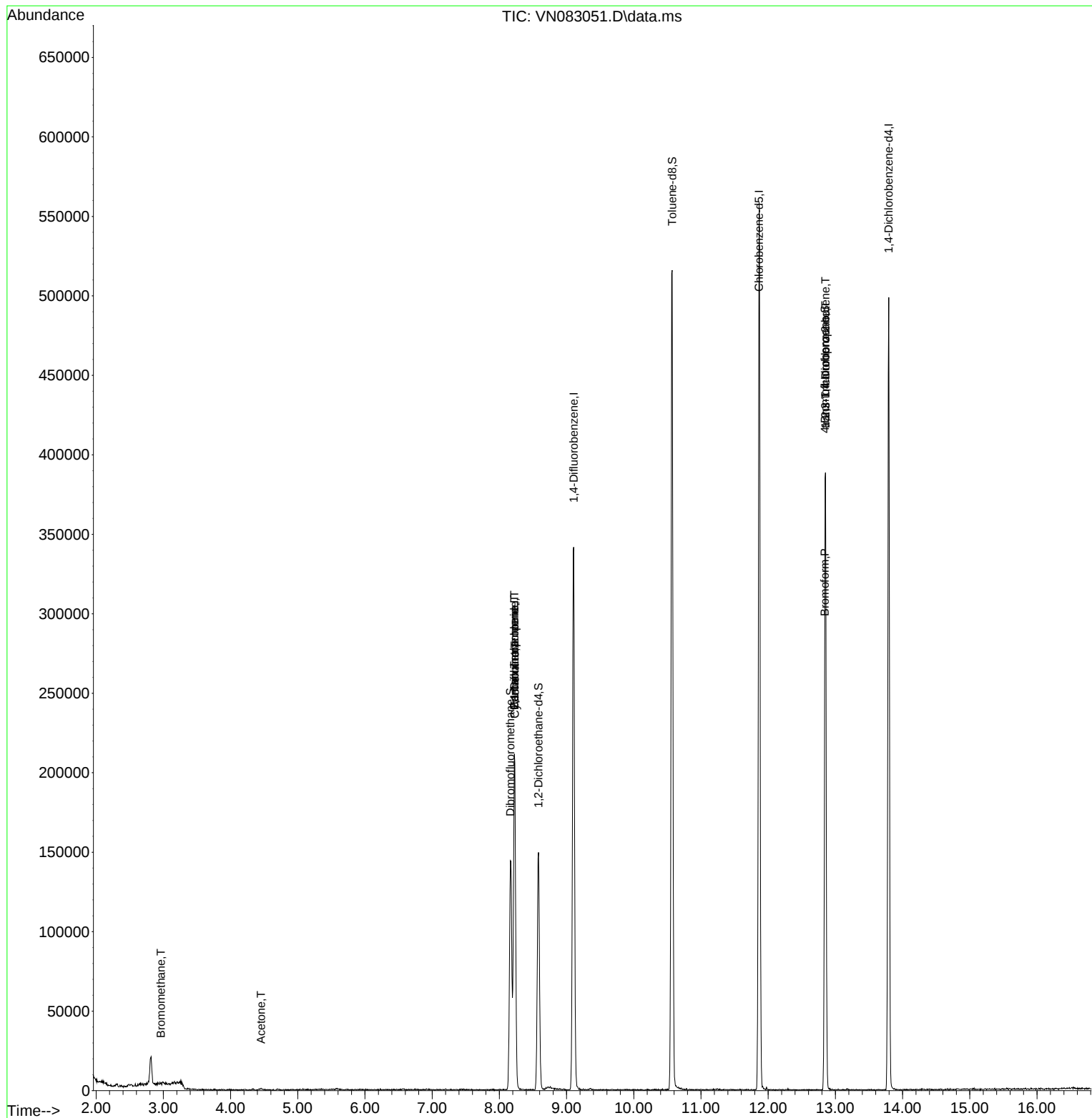
Internal Standards						
1) Pentafluorobenzene	8.224	168	145938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121508	59.395	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	118.800%	
35) Dibromofluoromethane	8.165	113	104226	56.510	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	113.020%	
50) Toluene-d8	10.570	98	356910	52.393	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.780%	
62) 4-Bromofluorobenzene	12.847	95	120774	49.356	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	98.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	404	0.298	ug/l #	1
16) Acetone	4.453	43	1683	2.337	ug/l	98
31) Cyclohexane	8.229	56	4368	1.633	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	13570	5.336	ug/l #	49
38) Carbon Tetrachloride	8.224	117	15837	5.173	ug/l #	18
43) Isopropyl Acetate	8.700	43	398	Below Cal	#	60
71) Bromoform	12.841	173	550	0.302	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	68831	31.337	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68831	61.631	ug/l #	6

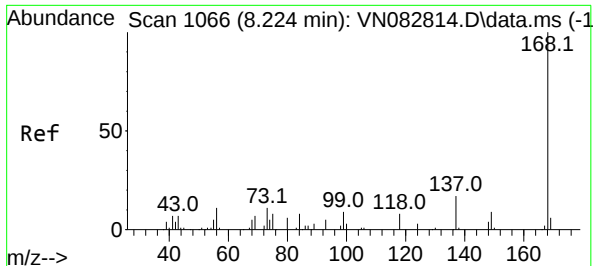
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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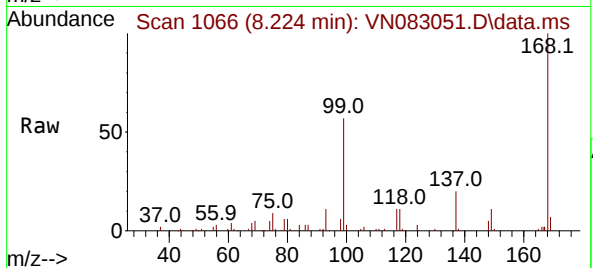
Quant Time: Jul 26 23:07:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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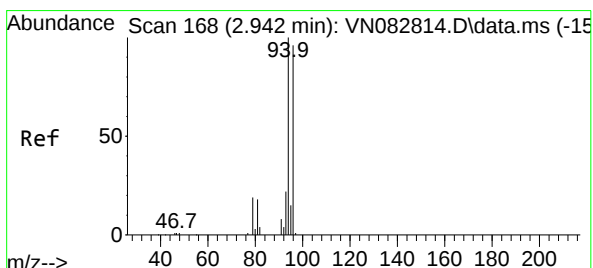
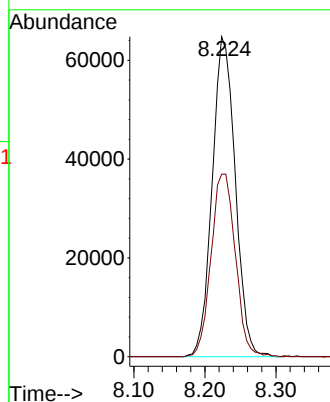
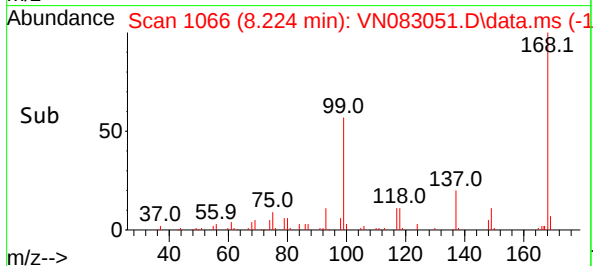


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083051.D
Acq: 26 Jul 2024 14:59

Instrument :
MSVOA_N
ClientSampleId :

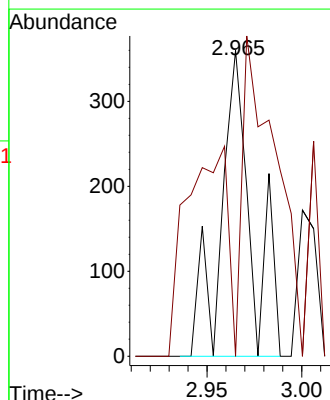
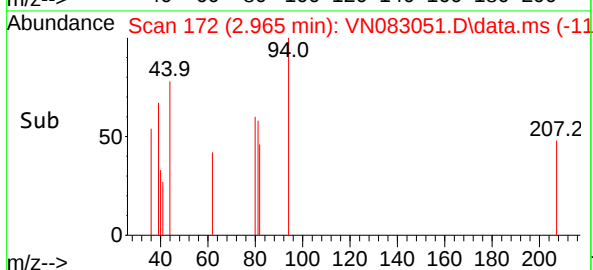
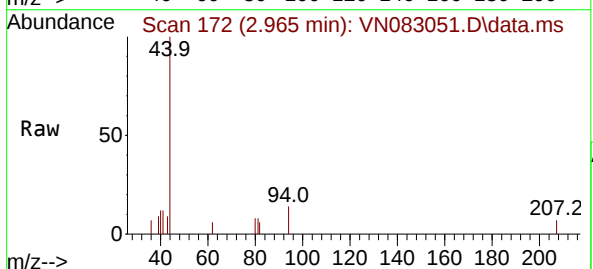


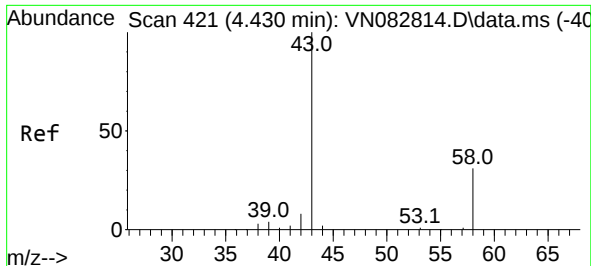
Tgt Ion:168 Resp: 145938
Ion Ratio Lower Upper
168 100
99 57.0 48.2 72.4



#5
Bromomethane
Concen: 0.298 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN083051.D
Acq: 26 Jul 2024 14:59

Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#

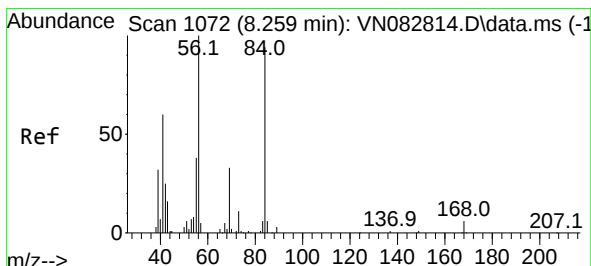
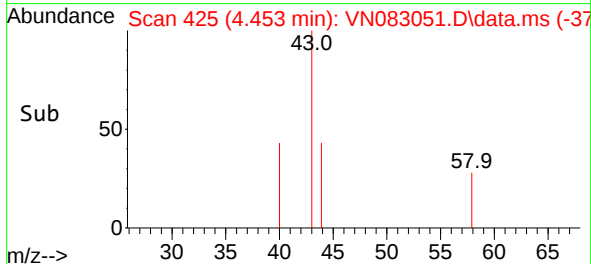
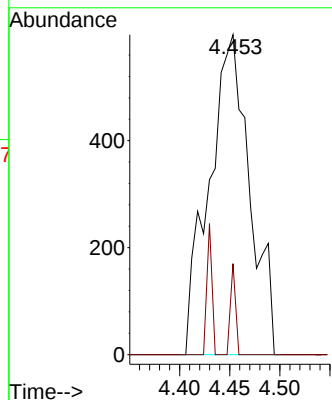
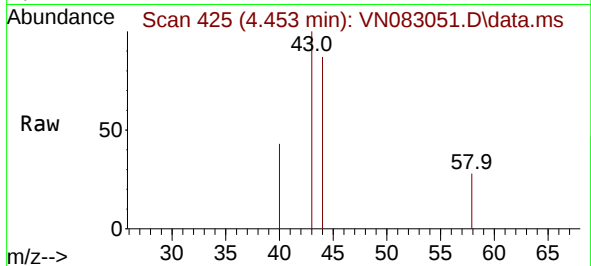




#16
Acetone
Concen: 2.337 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN083051.D
Acq: 26 Jul 2024 14:59

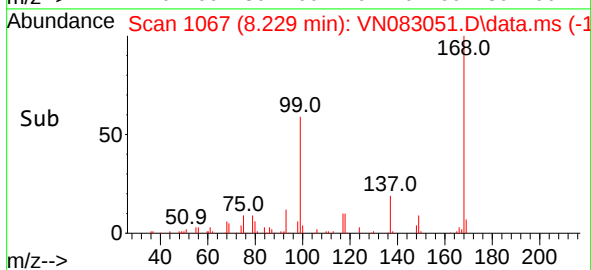
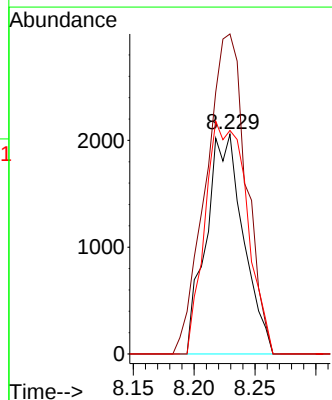
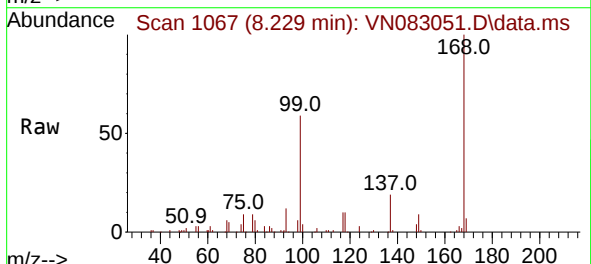
Instrument :
MSVOA_N
ClientSampleId :

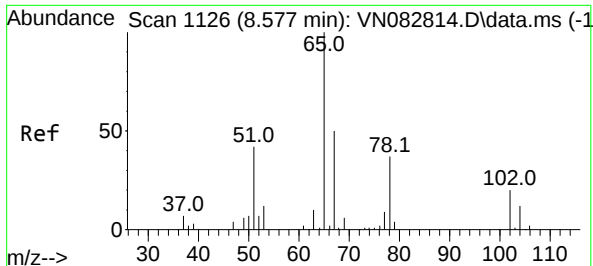
Tgt Ion: 43 Resp: 1683
Ion Ratio Lower Upper
43 100
58 28.4 21.8 32.6



#31
Cyclohexane
Concen: 1.633 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN083051.D
Acq: 26 Jul 2024 14:59

Tgt Ion: 56 Resp: 4368
Ion Ratio Lower Upper
56 100
69 145.6 24.5 36.7#
84 110.9 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 59.395 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083051.D

Acq: 26 Jul 2024 14:59

Instrument :

MSVOA_N

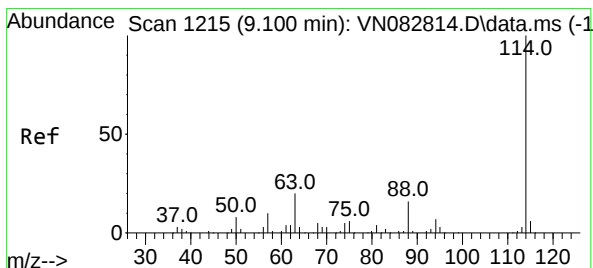
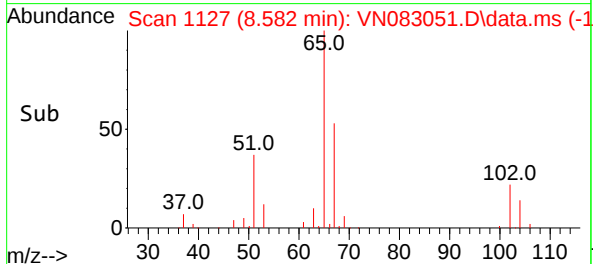
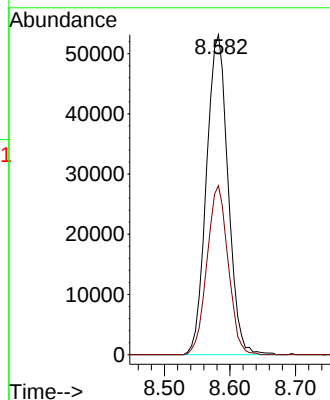
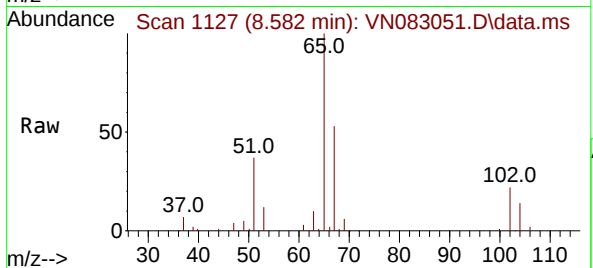
ClientSampleId :

Tgt Ion: 65 Resp: 121508

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN083051.D

Acq: 26 Jul 2024 14:59

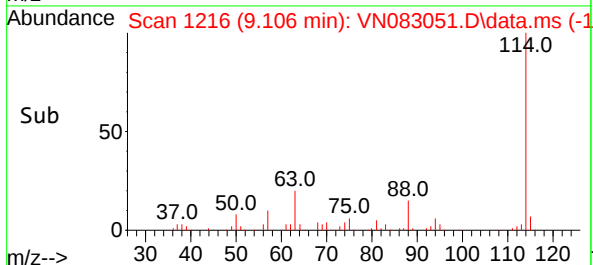
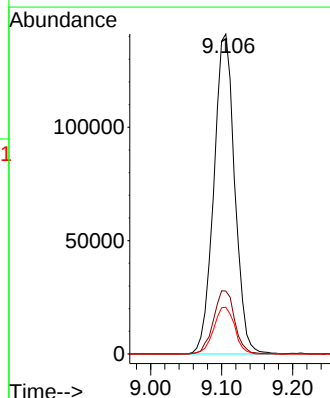
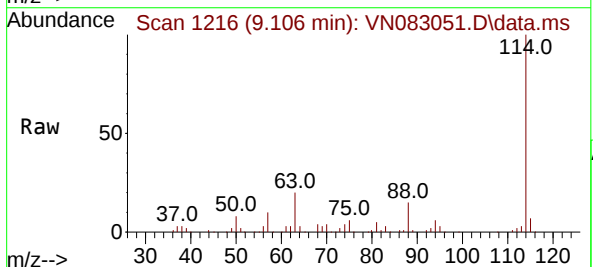
Tgt Ion: 114 Resp: 287433

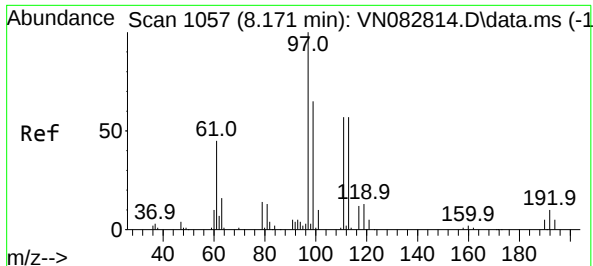
Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.6

88 14.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 56.510 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083051.D

Acq: 26 Jul 2024 14:59

Instrument :

MSVOA_N

ClientSampleId :

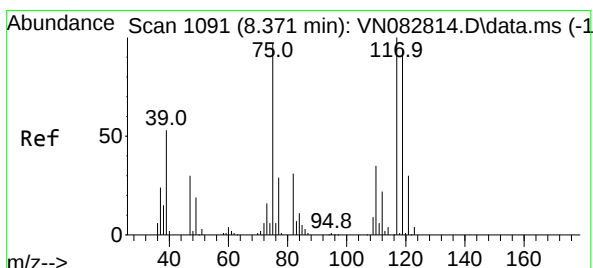
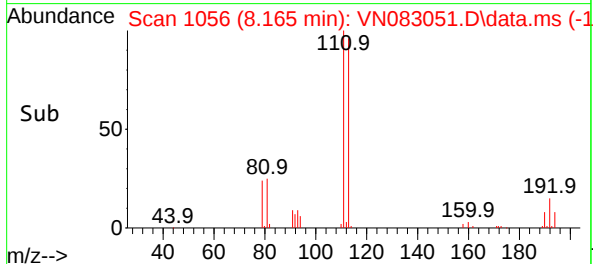
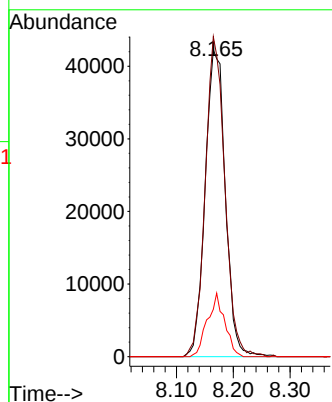
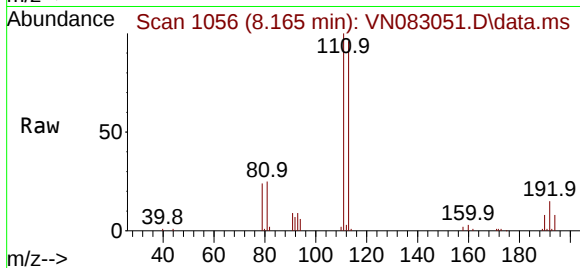
Tgt Ion:113 Resp: 104226

Ion Ratio Lower Upper

113 100

111 101.1 82.4 123.6

192 17.8 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.336 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083051.D

Acq: 26 Jul 2024 14:59

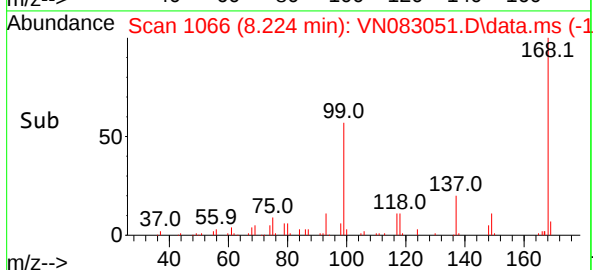
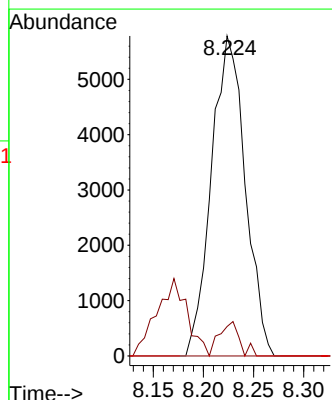
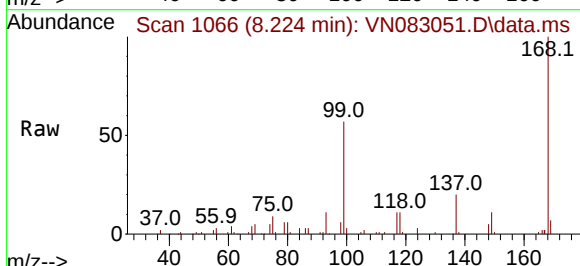
Tgt Ion: 75 Resp: 13570

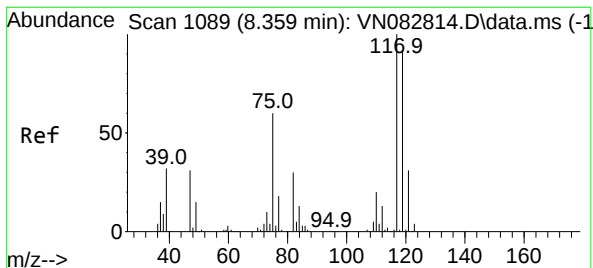
Ion Ratio Lower Upper

75 100

110 6.5 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.173 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

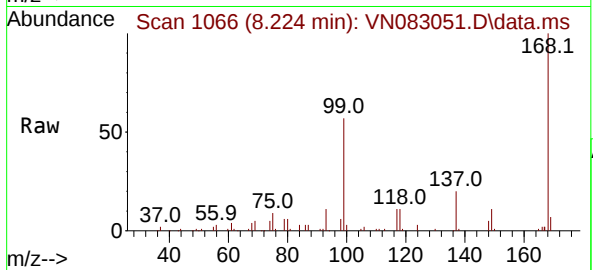
Lab File: VN083051.D

Acq: 26 Jul 2024 14:59

Instrument :

MSVOA_N

ClientSampleId :



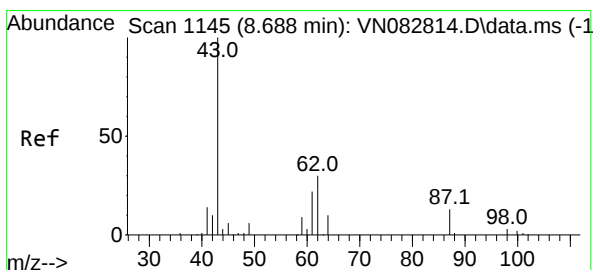
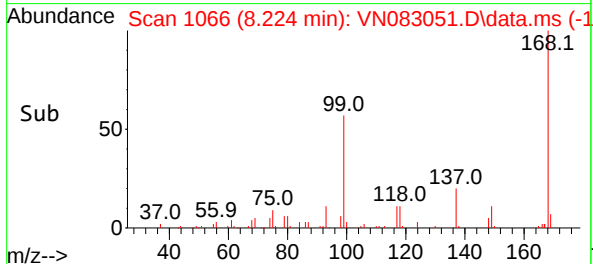
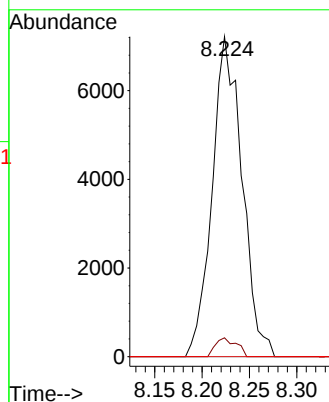
Tgt Ion:117 Resp: 15837

Ion Ratio Lower Upper

117 100

119 5.9 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. 0.006 min

Lab File: VN083051.D

Acq: 26 Jul 2024 14:59

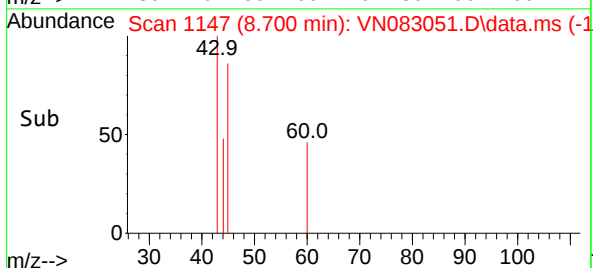
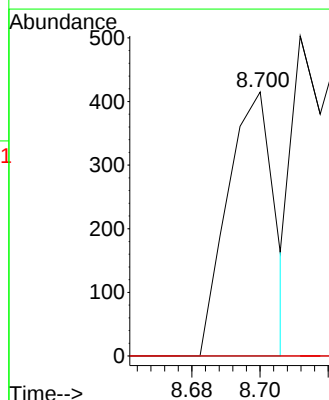
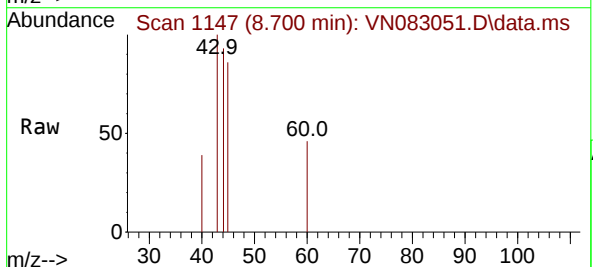
Tgt Ion: 43 Resp: 398

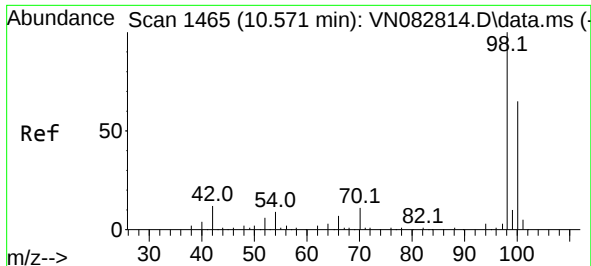
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

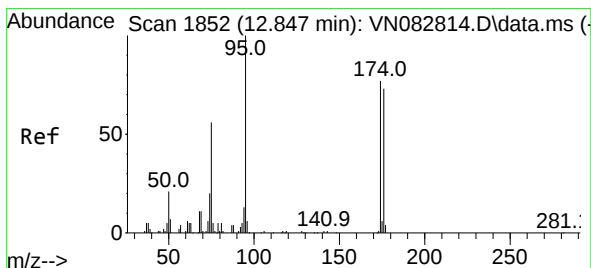
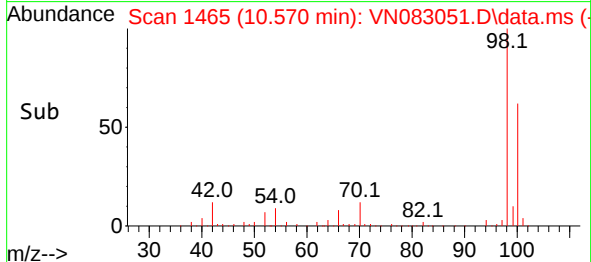
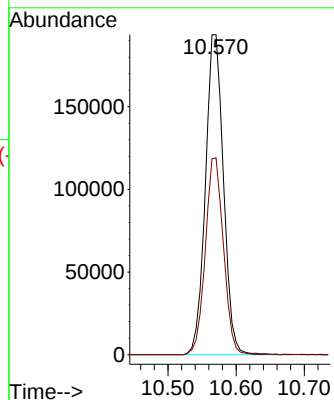
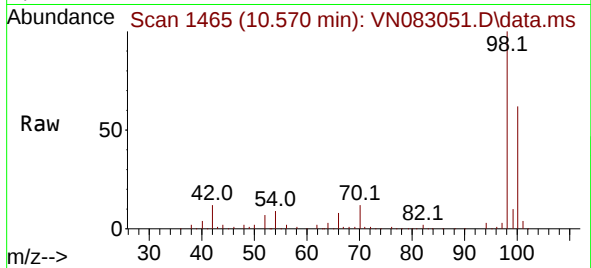




#50
Toluene-d8
Concen: 52.393 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN083051.D
Acq: 26 Jul 2024 14:59

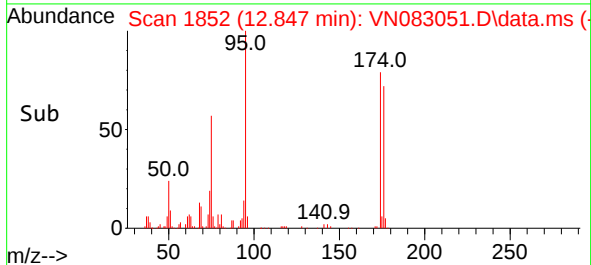
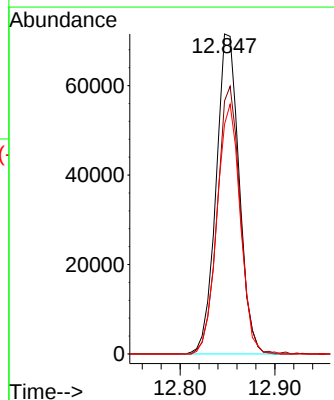
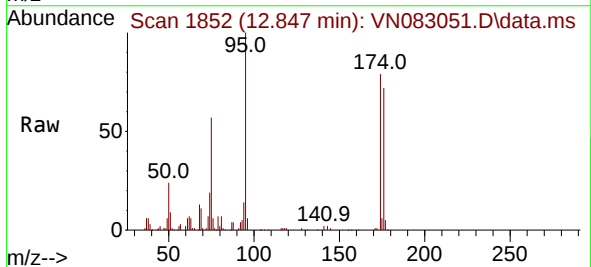
Instrument :
MSVOA_N
ClientSampleId :

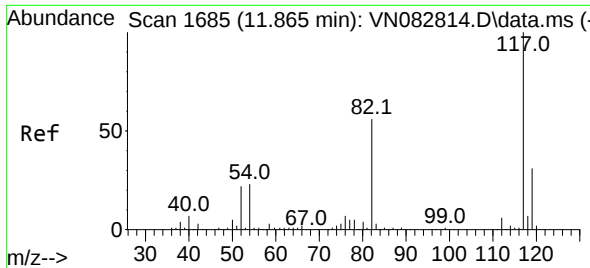
Tgt Ion: 98 Resp: 356910
Ion Ratio Lower Upper
98 100
100 61.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.356 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083051.D
Acq: 26 Jul 2024 14:59

Tgt Ion: 95 Resp: 120774
Ion Ratio Lower Upper
95 100
174 83.3 0.0 159.2
176 79.0 0.0 147.6

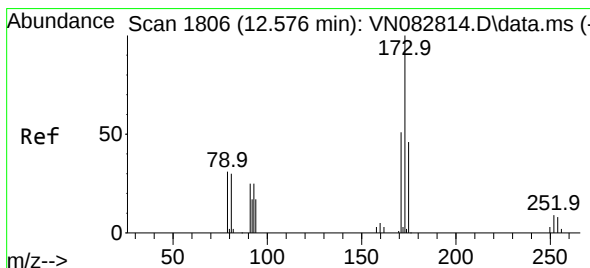
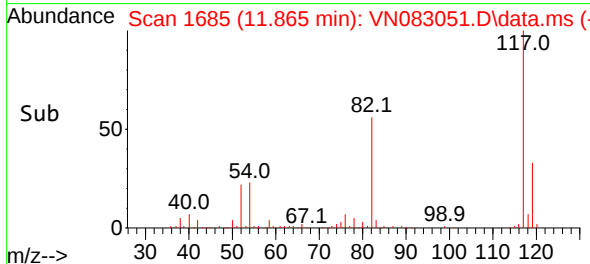
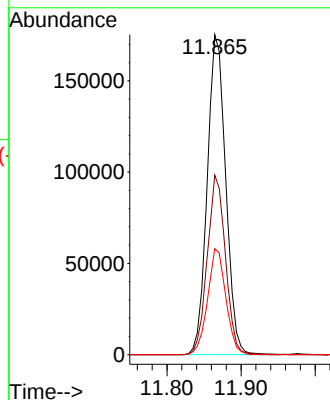
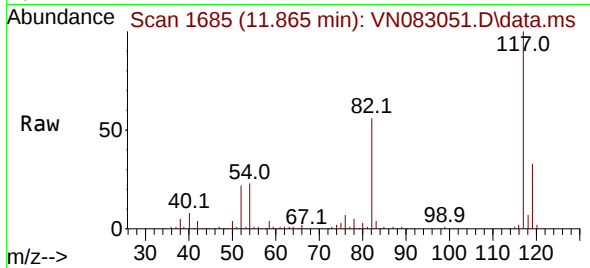




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083051.D
Acq: 26 Jul 2024 14:59

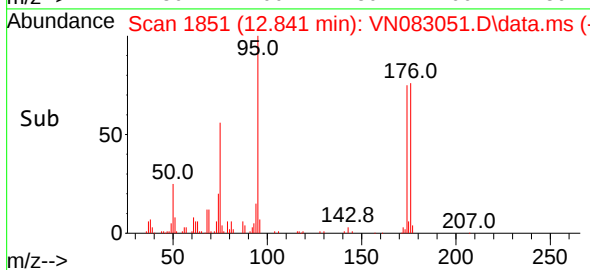
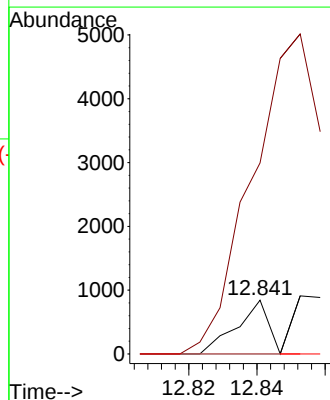
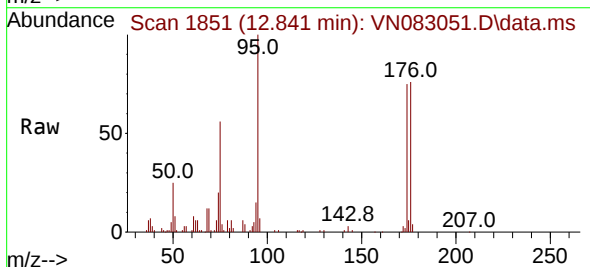
Instrument :
MSVOA_N
ClientSampleId :

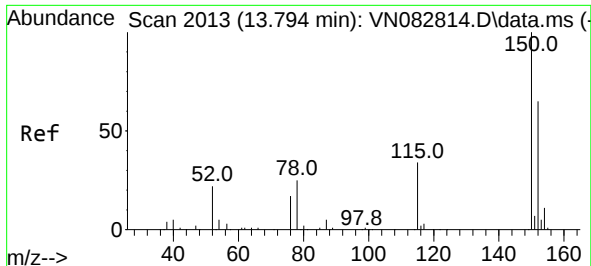
Tgt Ion:117 Resp: 303860
Ion Ratio Lower Upper
117 100
82 56.1 47.5 71.3
119 33.1 25.6 38.4



#71
Bromoform
Concen: 0.302 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN083051.D
Acq: 26 Jul 2024 14:59

Tgt Ion:173 Resp: 550
Ion Ratio Lower Upper
173 100
175 1246.4 24.0 72.0#
254 0.0 0.0 0.0

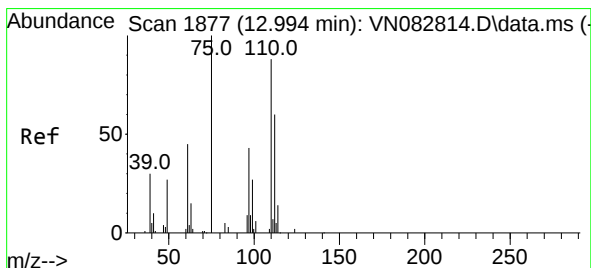
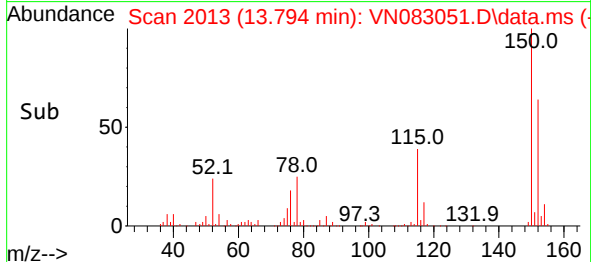
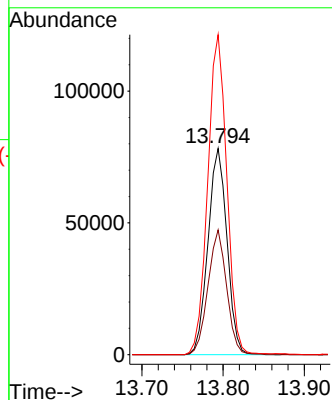
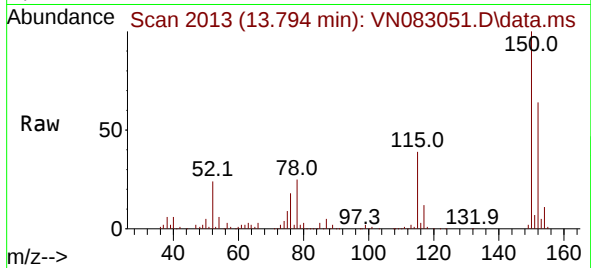




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083051.D
 Acq: 26 Jul 2024 14:59

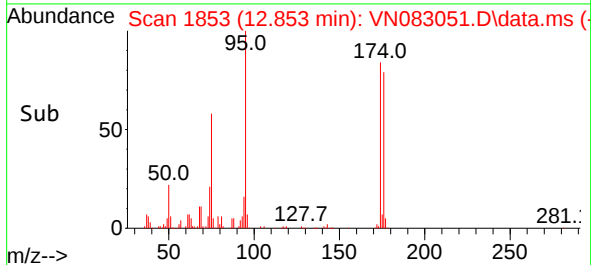
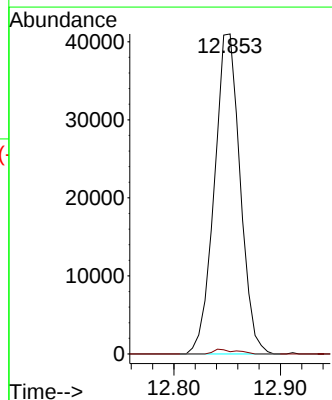
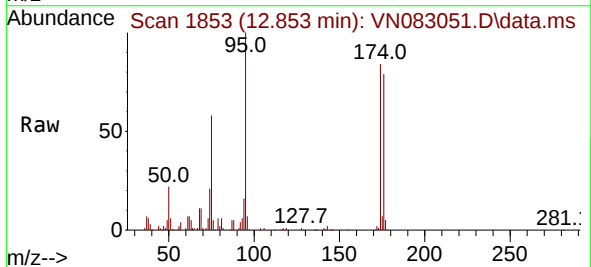
Instrument :
 MSVOA_N
 ClientSampleId :

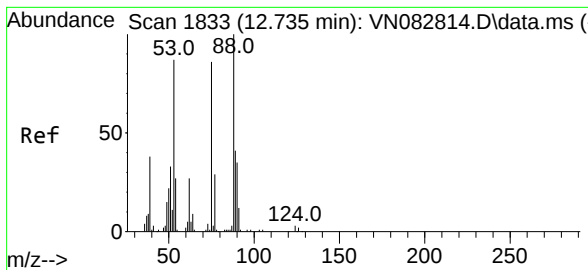
Tgt Ion:152 Resp: 127401
 Ion Ratio Lower Upper
 152 100
 115 59.2 30.6 91.6
 150 155.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.337 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN083051.D
 Acq: 26 Jul 2024 14:59

Tgt Ion: 75 Resp: 68831
 Ion Ratio Lower Upper
 75 100
 77 1.3 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.631 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083051.D
 Acq: 26 Jul 2024 14:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 68831
 Ion Ratio Lower Upper
 75 100
 53 0.3 88.4 132.6#
 89 0.0 36.3 54.5#

