

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085431.D
 Acq On : 13 Jan 2025 17:06
 Operator : JC\MD
 Sample : Q1062-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 13 17:22:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

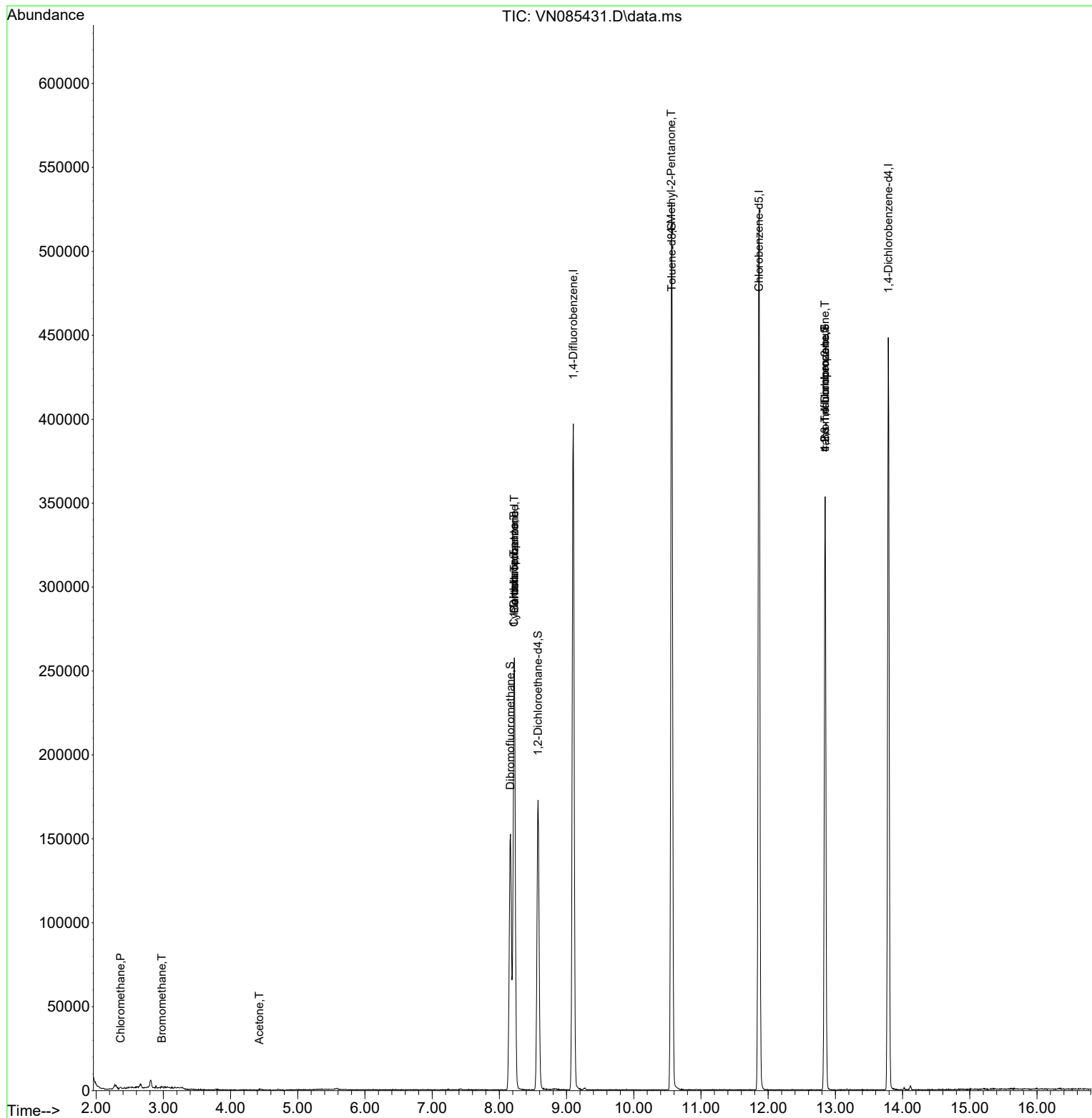
Internal Standards						
1) Pentafluorobenzene	8.224	168	171762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144844	59.124	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.240%			
35) Dibromofluoromethane	8.165	113	109949	54.874	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.740%			
50) Toluene-d8	10.565	98	353662	48.101	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.200%			
62) 4-Bromofluorobenzene	12.847	95	117799	48.242	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.480%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	758	0.290	ug/l #	85
5) Bromomethane	2.977	94	498	0.276	ug/l #	60
16) Acetone	4.430	43	378	0.469	ug/l #	57
31) Cyclohexane	8.218	56	4853	1.340	ug/l #	25
36) 1,1-Dichloropropene	8.218	75	16649	5.675	ug/l #	49
38) Carbon Tetrachloride	8.224	117	19780	6.186	ug/l #	17
51) 4-Methyl-2-Pentanone	10.559	43	1707	0.633	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66987	31.386	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66987	75.163	ug/l #	10

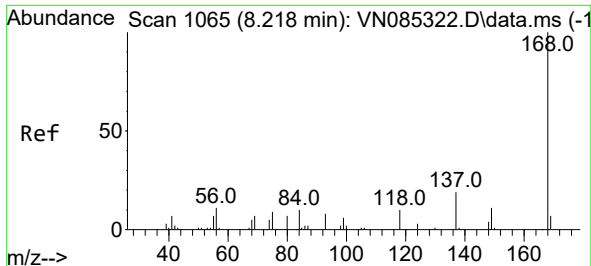
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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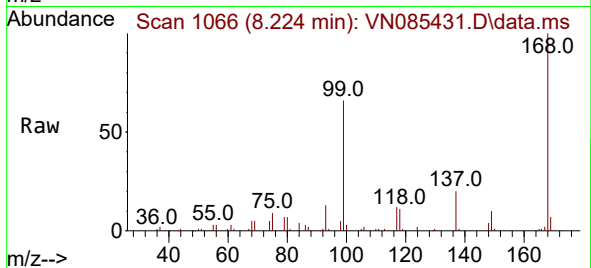
Quant Time: Jan 13 17:22:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
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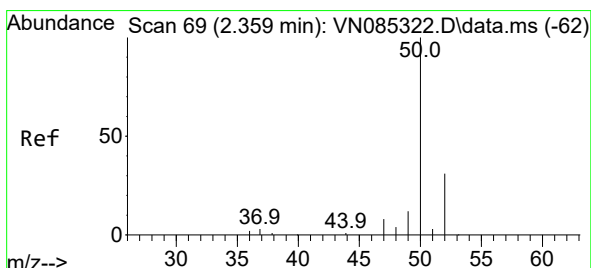
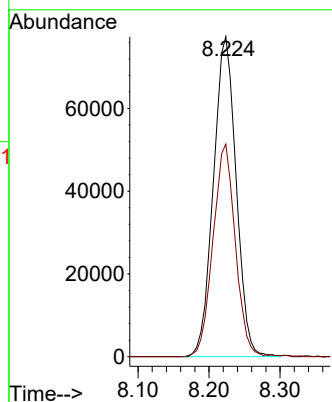
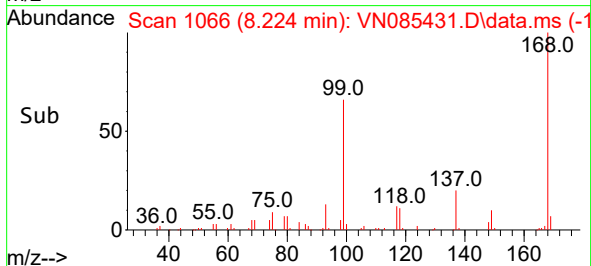


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :

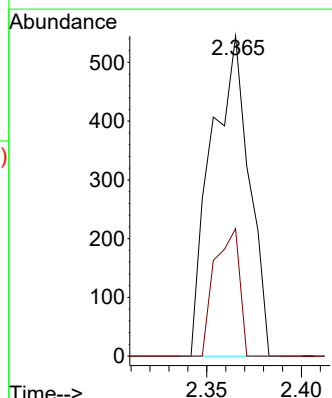
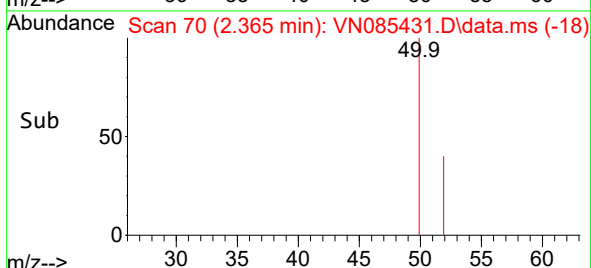
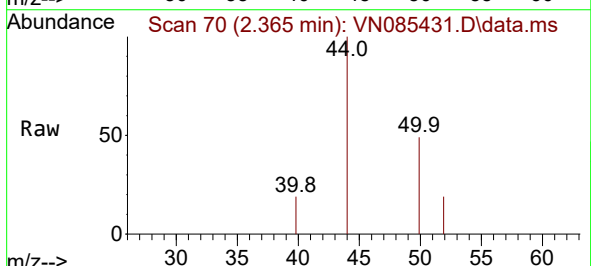


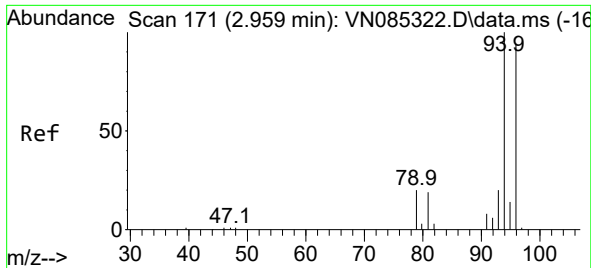
Tgt Ion:168 Resp: 171762
Ion Ratio Lower Upper
168 100
99 66.4 51.0 76.4



#3
Chloromethane
Concen: 0.290 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

Tgt Ion: 50 Resp: 758
Ion Ratio Lower Upper
50 100
52 39.8 25.1 37.7#

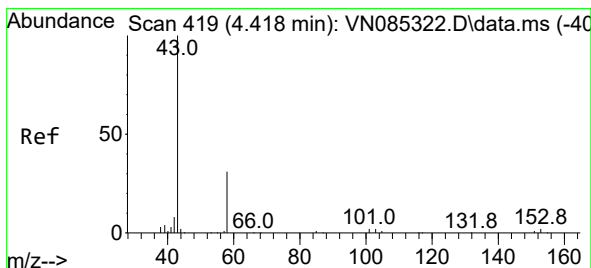
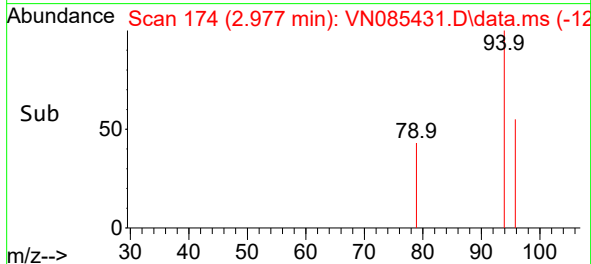
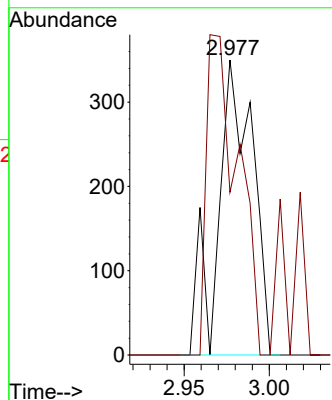
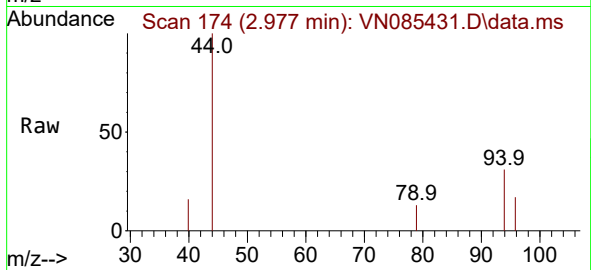




#5
Bromomethane
Concen: 0.276 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

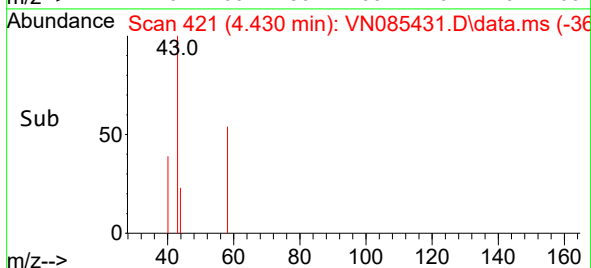
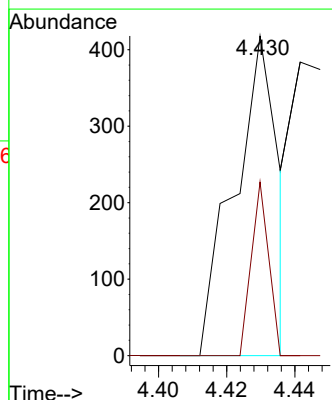
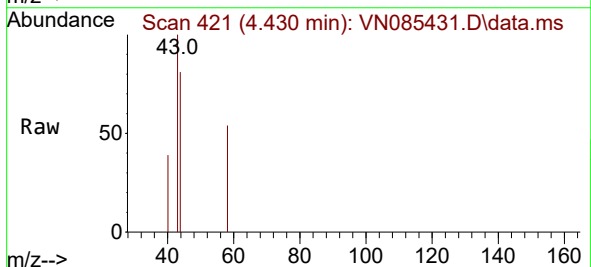
Instrument :
MSVOA_N
ClientSampleId :

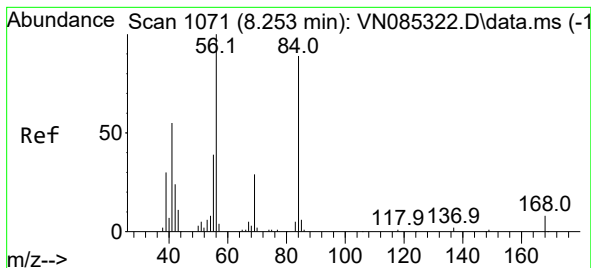
Tgt Ion: 94 Resp: 498
Ion Ratio Lower Upper
94 100
96 55.1 75.2 112.8#



#16
Acetone
Concen: 0.469 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

Tgt Ion: 43 Resp: 378
Ion Ratio Lower Upper
43 100
58 54.3 24.5 36.7#





#31

Cyclohexane

Concen: 1.340 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

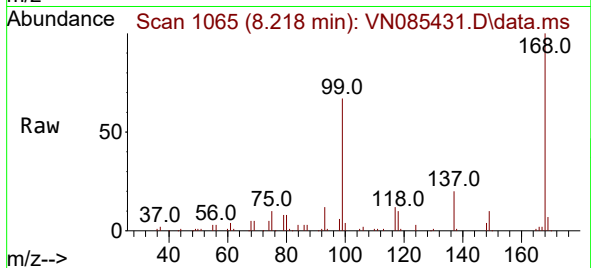
Lab File: VN085431.D

Acq: 13 Jan 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :



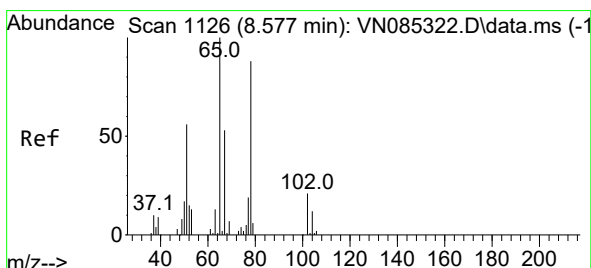
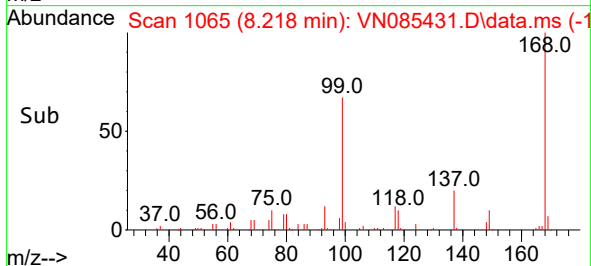
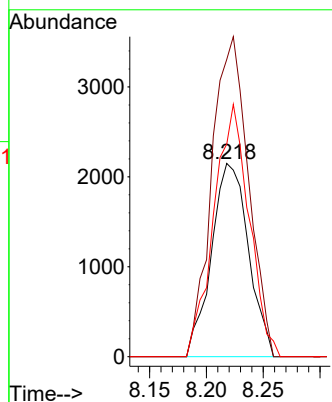
Tgt Ion: 56 Resp: 4853

Ion Ratio Lower Upper

56 100

69 153.9 23.4 35.0#

84 110.1 71.0 106.6#



#33

1,2-Dichloroethane-d4

Concen: 59.124 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085431.D

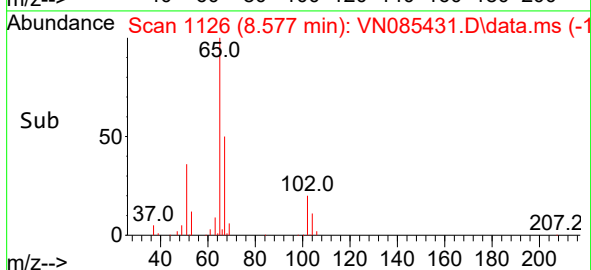
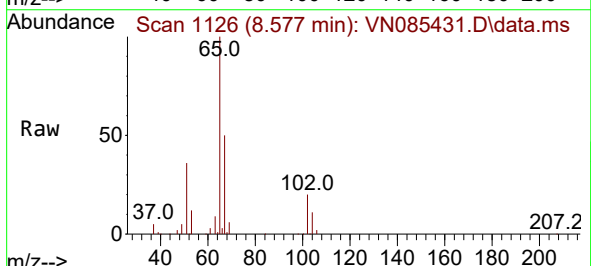
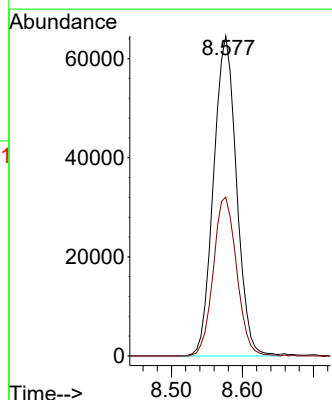
Acq: 13 Jan 2025 17:06

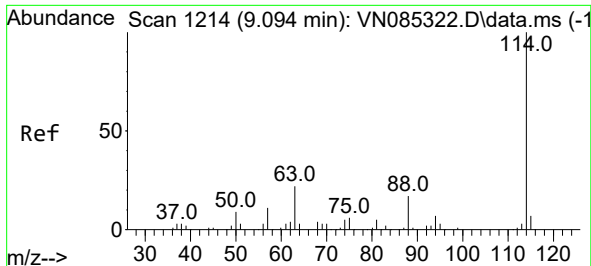
Tgt Ion: 65 Resp: 144844

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085431.D

Acq: 13 Jan 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

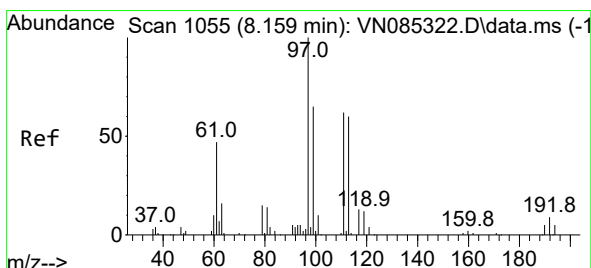
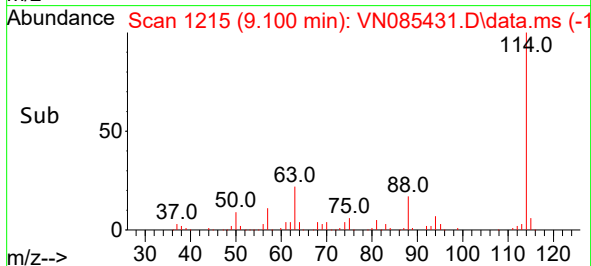
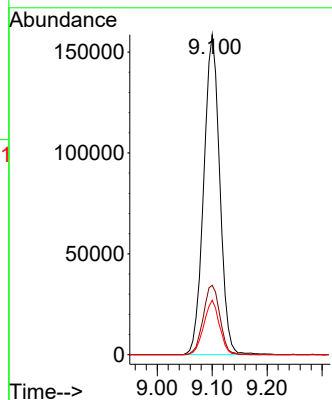
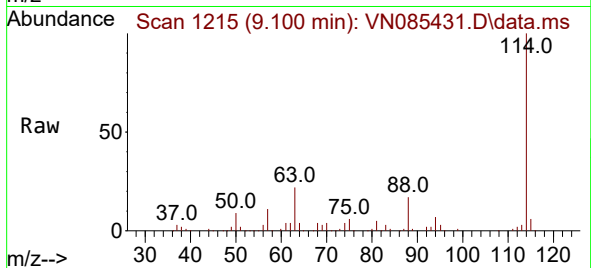
Tgt Ion:114 Resp: 321172

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 17.0 0.0 33.6



#35

Dibromofluoromethane

Concen: 54.874 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085431.D

Acq: 13 Jan 2025 17:06

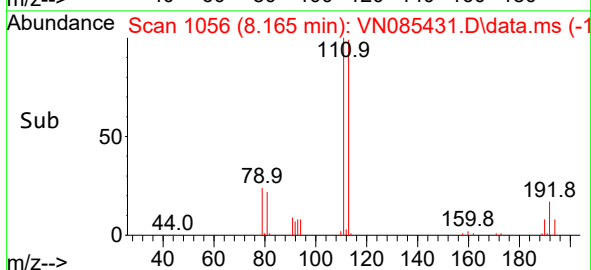
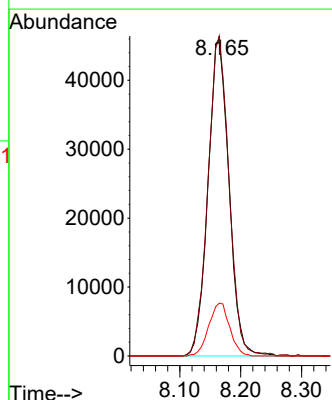
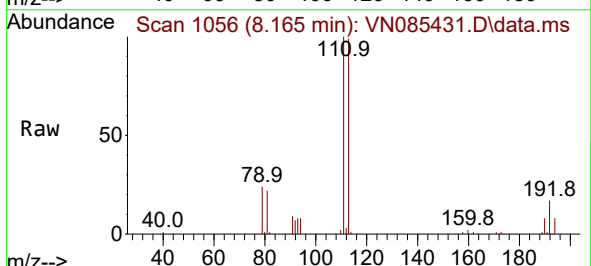
Tgt Ion:113 Resp: 109949

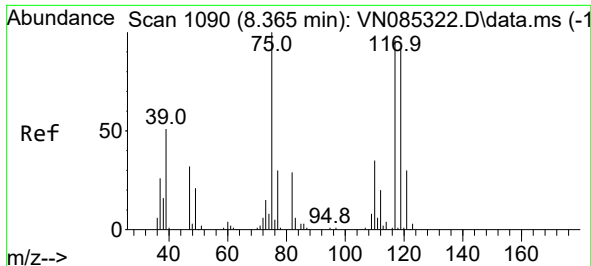
Ion Ratio Lower Upper

113 100

111 101.1 80.5 120.7

192 16.7 12.9 19.3

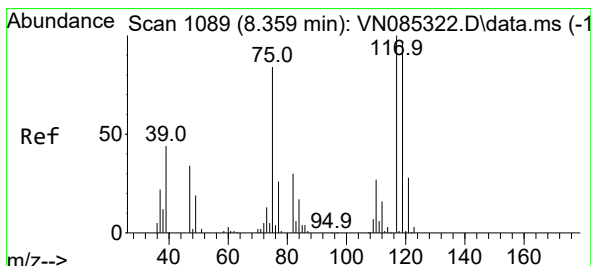
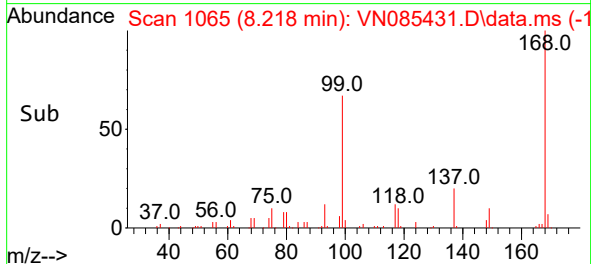
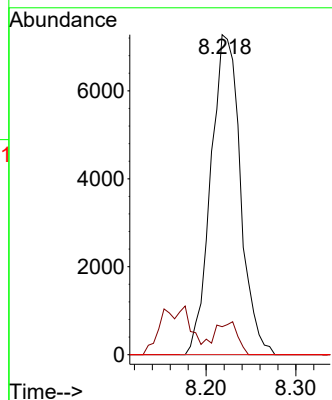
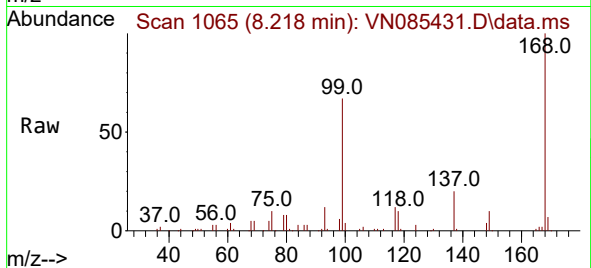




#36
1,1-Dichloropropene
Concen: 5.675 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

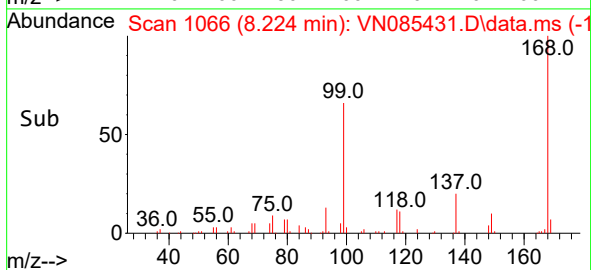
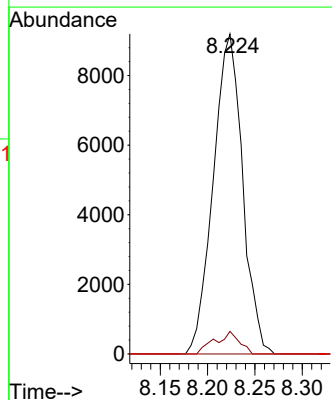
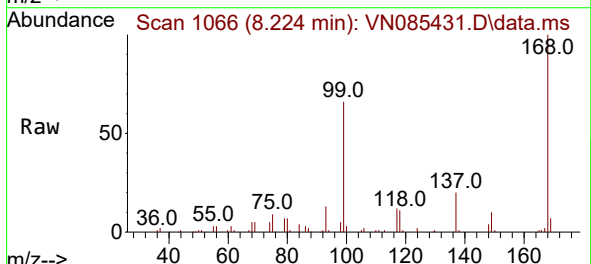
Instrument :
MSVOA_N
ClientSampleId :

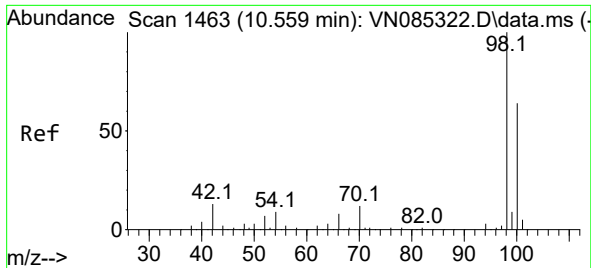
Tgt Ion: 75 Resp: 16649
Ion Ratio Lower Upper
75 100
110 7.1 16.6 49.8#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.186 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

Tgt Ion: 117 Resp: 19780
Ion Ratio Lower Upper
117 100
119 7.0 77.8 116.6#
121 0.0 22.5 33.7#

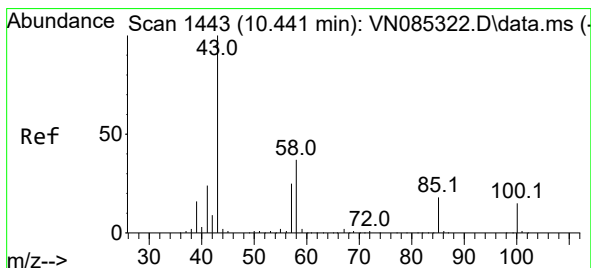
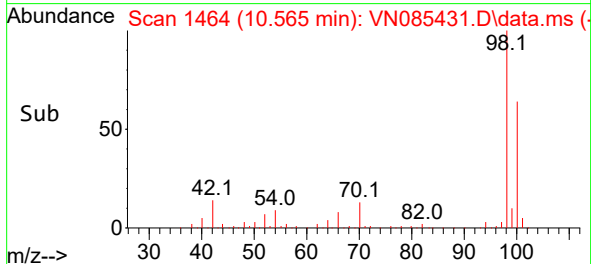
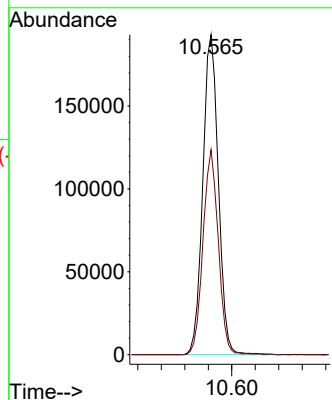
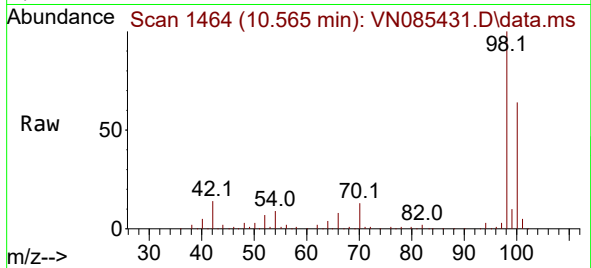




#50
Toluene-d8
Concen: 48.101 ug/l
RT: 10.565 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

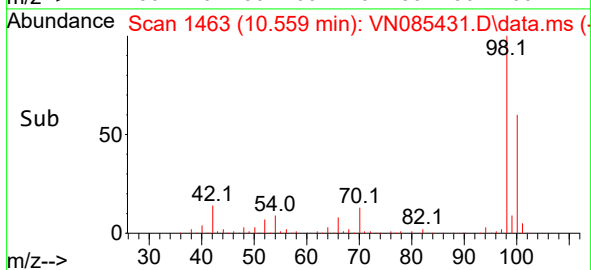
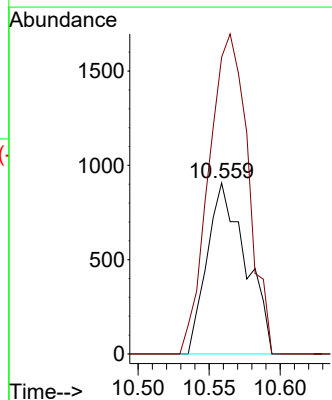
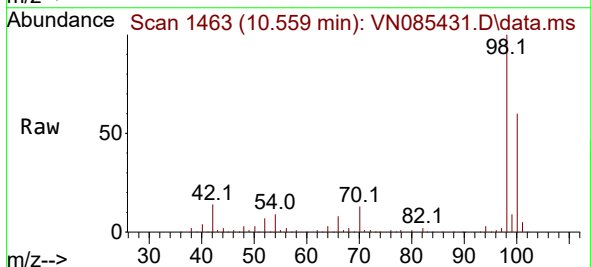
Instrument :
MSVOA_N
ClientSampleId :

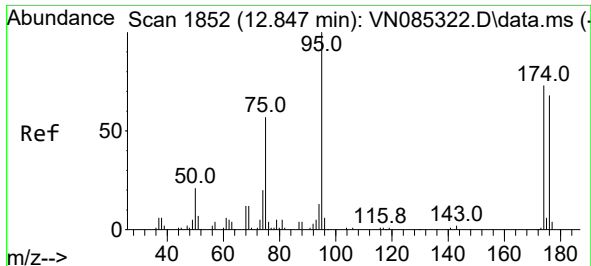
Tgt Ion: 98 Resp: 353662
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.633 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

Tgt Ion: 43 Resp: 1707
Ion Ratio Lower Upper
43 100
58 191.4 30.3 45.5#

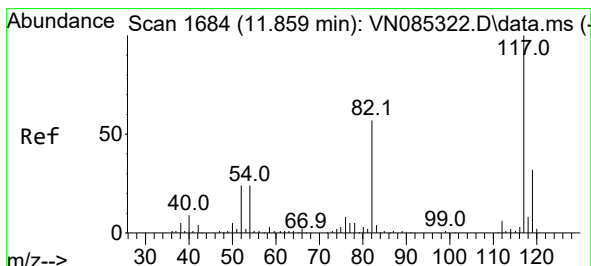
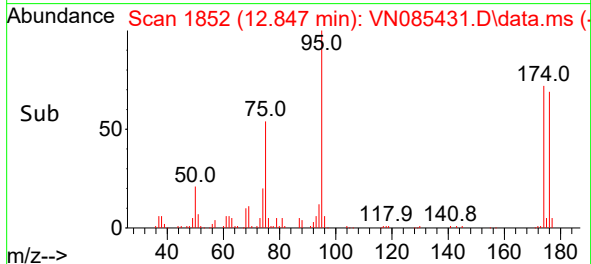
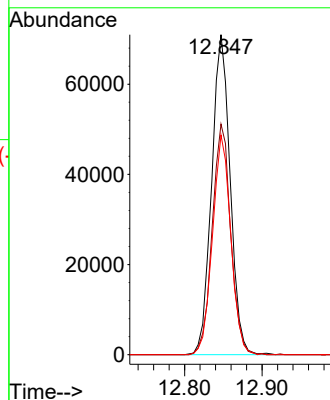
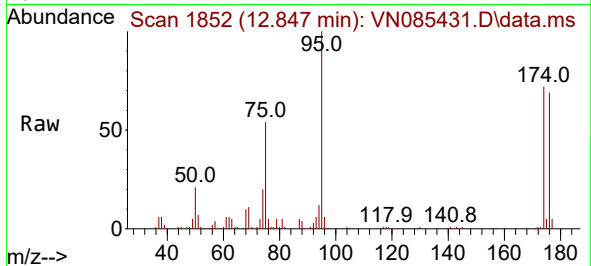




#62
4-Bromofluorobenzene
Concen: 48.242 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

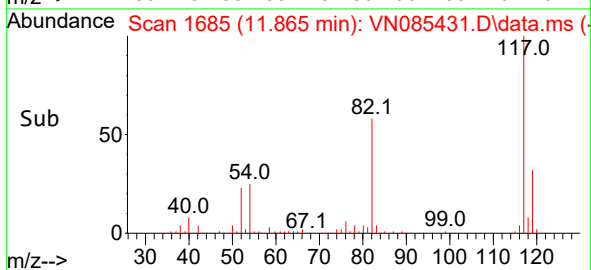
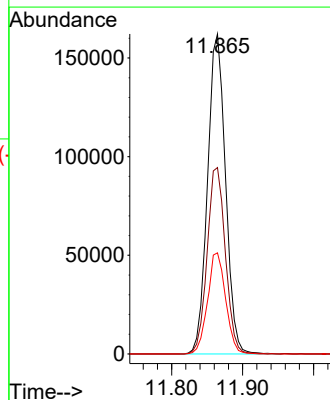
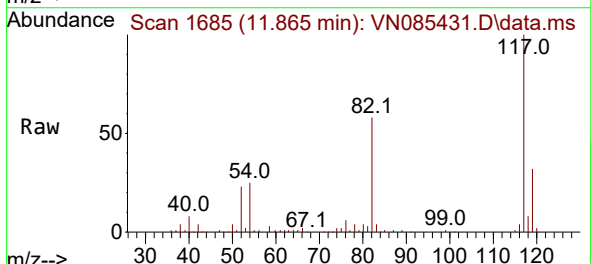
Instrument :
MSVOA_N
ClientSampleId :

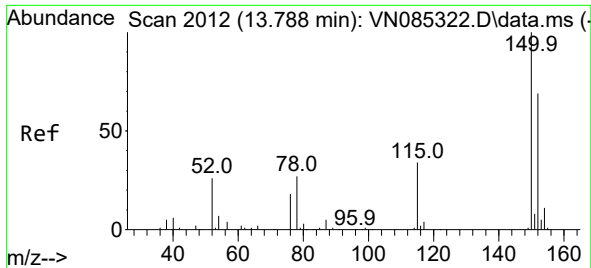
Tgt Ion: 95 Resp: 117799
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.2
176 67.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085431.D
Acq: 13 Jan 2025 17:06

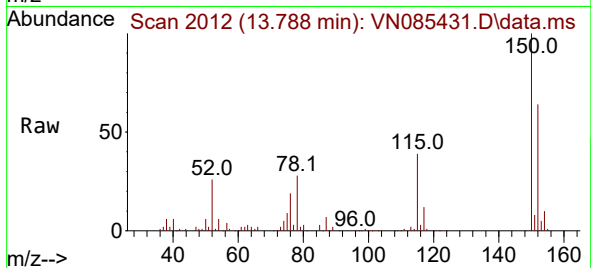
Tgt Ion: 117 Resp: 285304
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 31.6 25.8 38.8



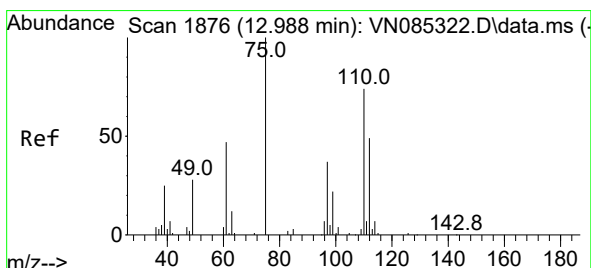
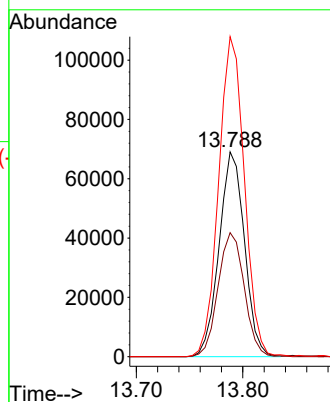
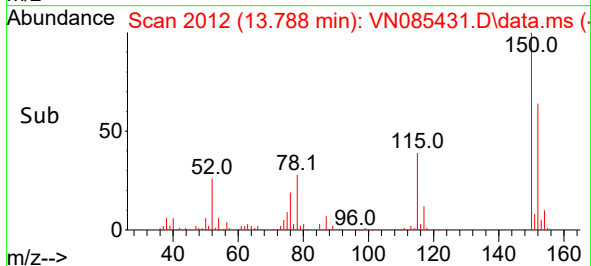


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085431.D
 Acq: 13 Jan 2025 17:06

Instrument :
 MSVOA_N
 ClientSampleId :

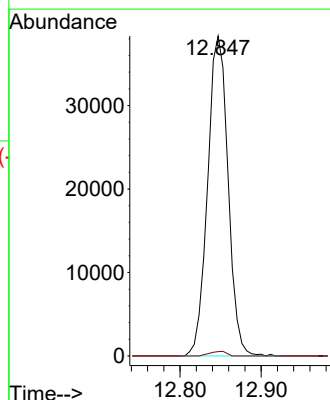
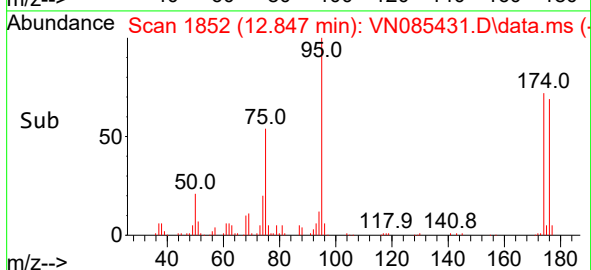
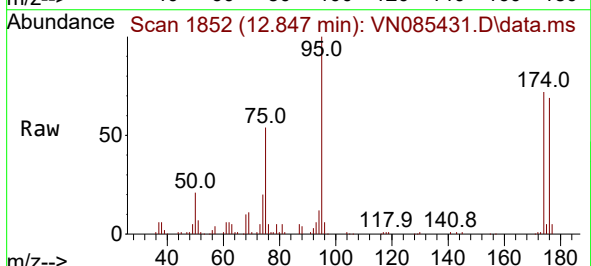


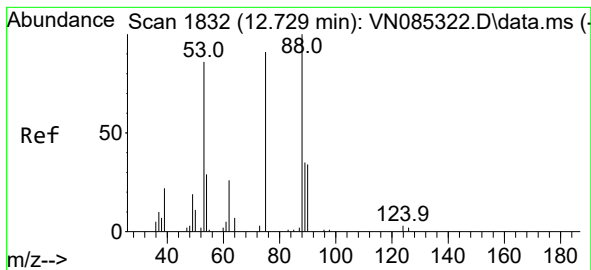
Tgt Ion:152 Resp: 114295
 Ion Ratio Lower Upper
 152 100
 115 62.3 30.4 91.3
 150 158.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 31.386 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085431.D
 Acq: 13 Jan 2025 17:06

Tgt Ion: 75 Resp: 66987
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.1 294.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.163 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN085431.D
 Acq: 13 Jan 2025 17:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 66987
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.0 120.0#
 89 0.0 35.8 53.8#

