

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085433.D
 Acq On : 13 Jan 2025 17:54
 Operator : JC\MD
 Sample : Q1062-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 13 18:11:56 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)

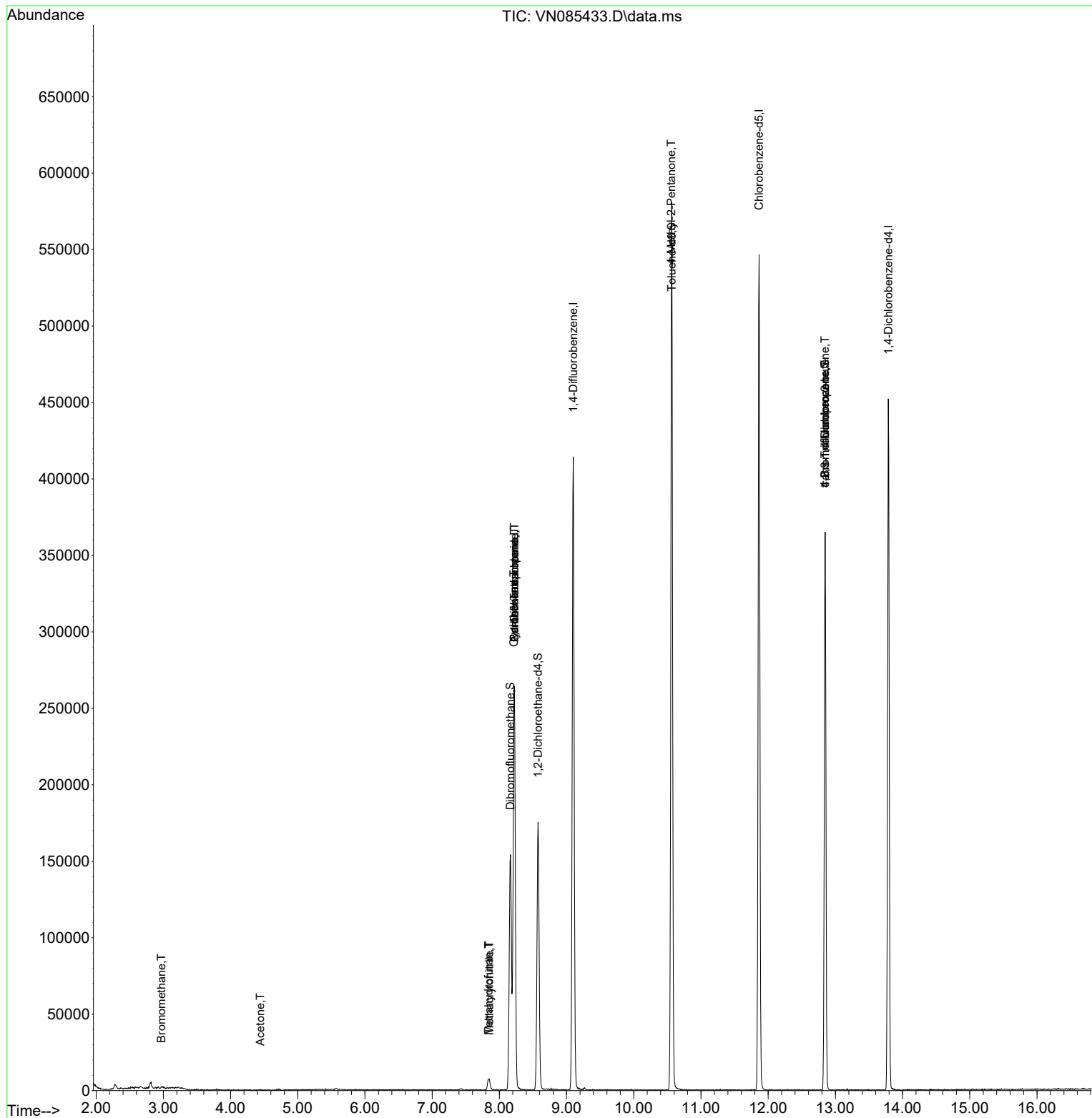
Internal Standards						
1) Pentafluorobenzene	8.224	168	177659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146550	57.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.680%	
35) Dibromofluoromethane	8.165	113	108928	52.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.360%	
50) Toluene-d8	10.565	98	372474	48.623	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.240%	
62) 4-Bromofluorobenzene	12.847	95	121568	47.784	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	454	0.243	ug/l	90
16) Acetone	4.442	43	212	0.254	ug/l #	44
29) Tetrahydrofuran	7.841	42	5374	6.454	ug/l	96
31) Cyclohexane	8.218	56	4876	1.302	ug/l #	4
36) 1,1-Dichloropropene	8.224	75	17325	5.668	ug/l #	51
38) Carbon Tetrachloride	8.224	117	21066	6.323	ug/l #	15
41) Methacrylonitrile	7.853	41	3929	2.525	ug/l #	48
51) 4-Methyl-2-Pentanone	10.559	43	2000	0.711	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66875	31.050	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66875	74.359	ug/l #	10

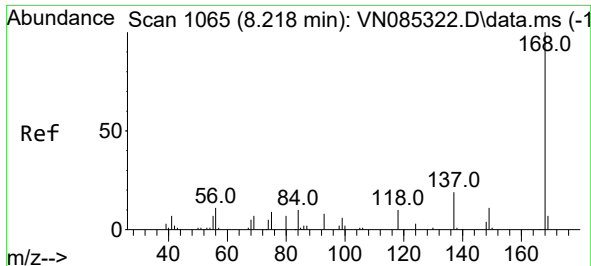
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
Data File : VN085433.D
Acq On : 13 Jan 2025 17:54
Operator : JC\MD
Sample : Q1062-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

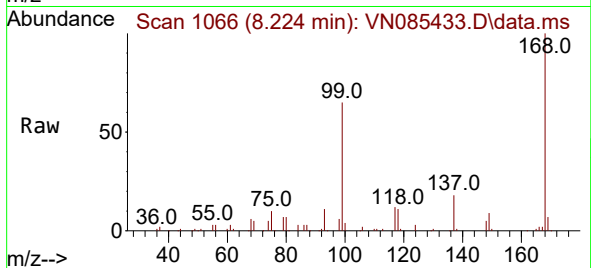
Quant Time: Jan 13 18:11:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration



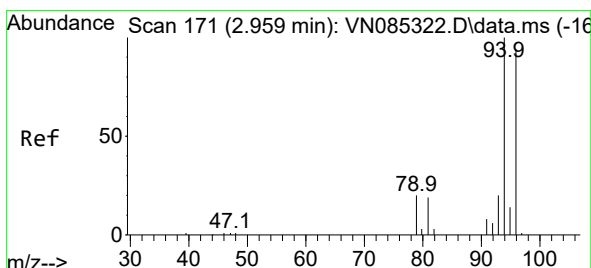
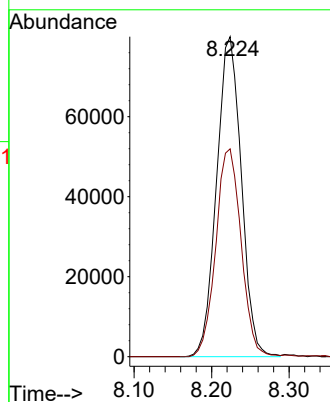
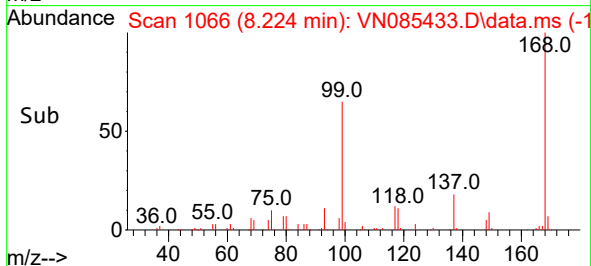


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :

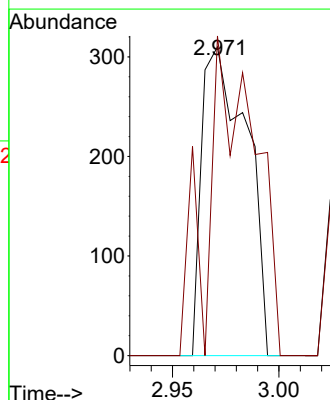
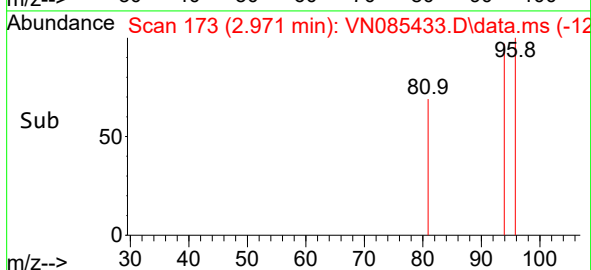
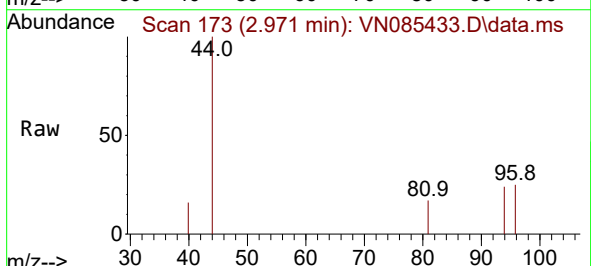


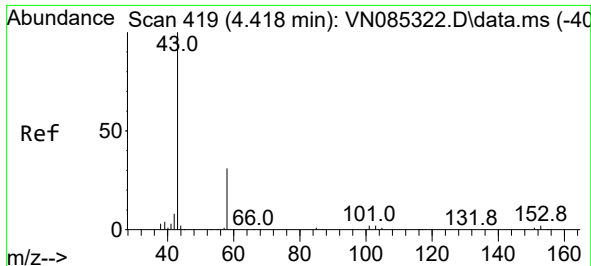
Tgt Ion:168 Resp: 177659
Ion Ratio Lower Upper
168 100
99 64.9 51.0 76.4



#5
Bromomethane
Concen: 0.243 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.012 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

Tgt Ion: 94 Resp: 454
Ion Ratio Lower Upper
94 100
96 103.5 75.2 112.8

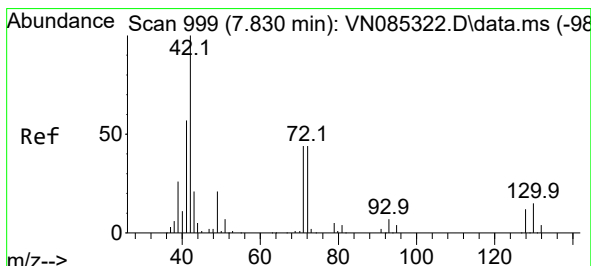
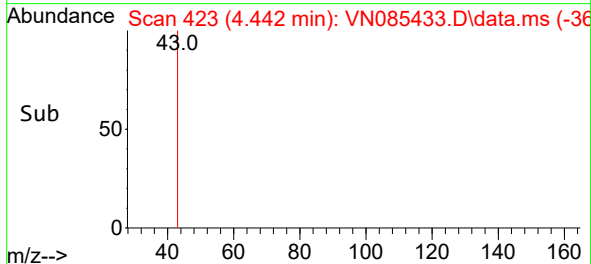
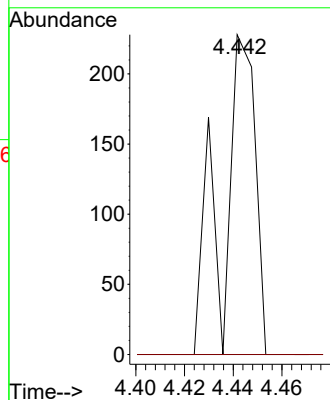
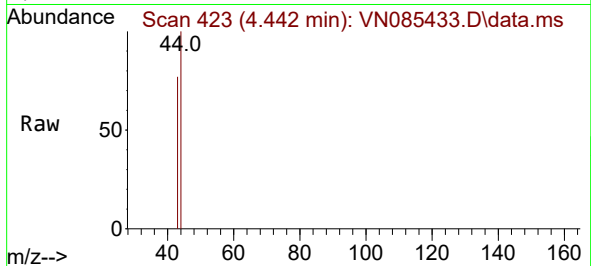




#16
Acetone
Concen: 0.254 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

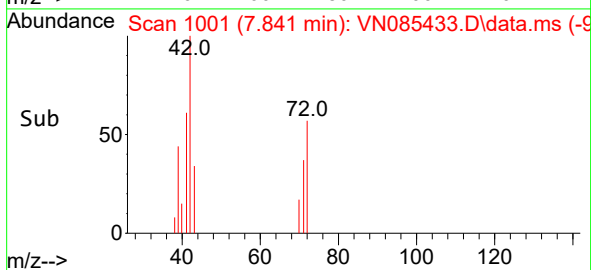
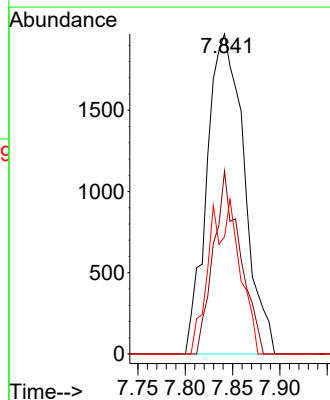
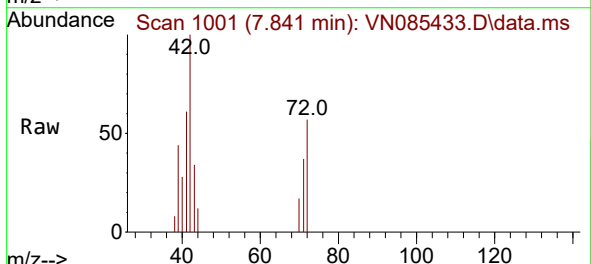
Instrument :
MSVOA_N
ClientSampleId :

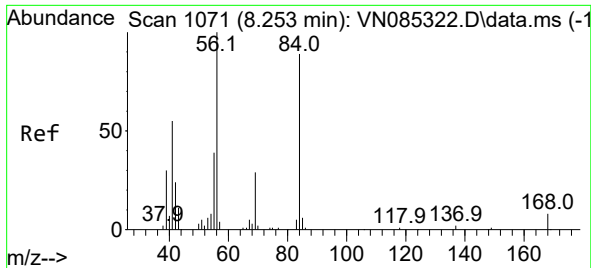
Tgt Ion: 43 Resp: 212
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#29
Tetrahydrofuran
Concen: 6.454 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

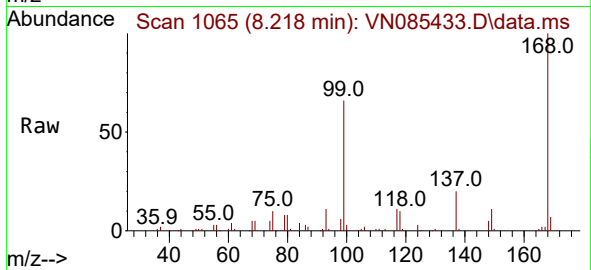
Tgt Ion: 42 Resp: 5374
Ion Ratio Lower Upper
42 100
72 41.1 35.1 52.7
71 39.5 33.4 50.0



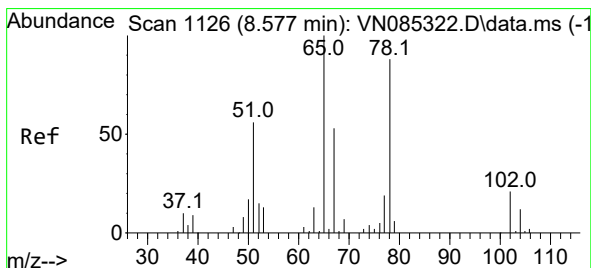
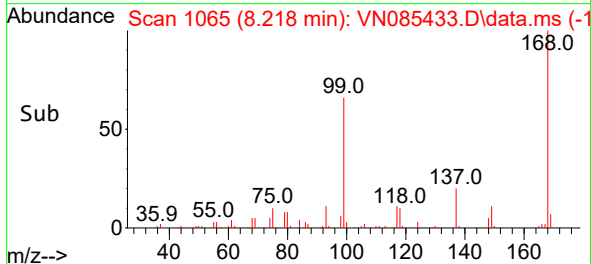
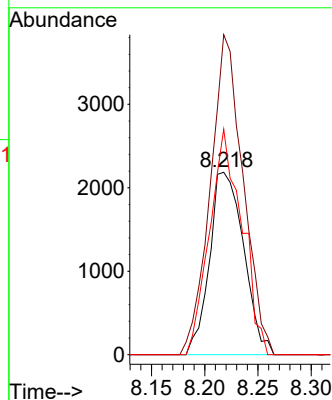


#31
Cyclohexane
Concen: 1.302 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :

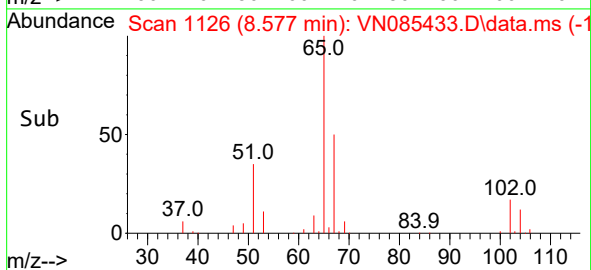
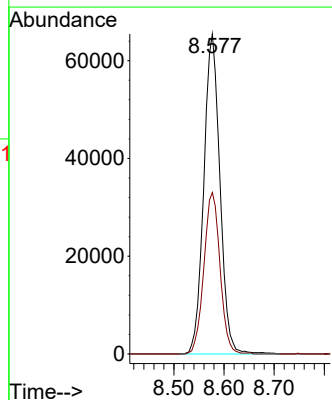
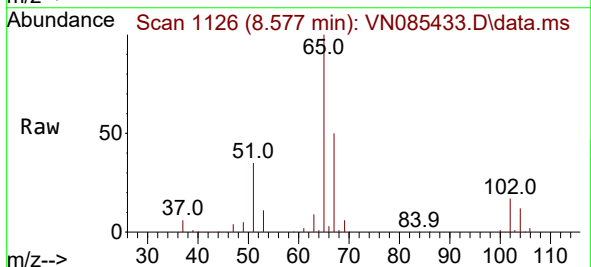


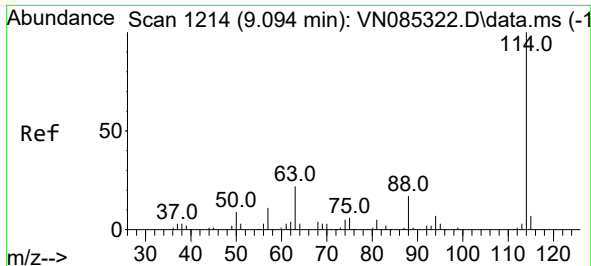
Tgt Ion: 56 Resp: 4876
Ion Ratio Lower Upper
56 100
69 175.4 23.4 35.0#
84 123.6 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 57.835 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

Tgt Ion: 65 Resp: 146550
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0

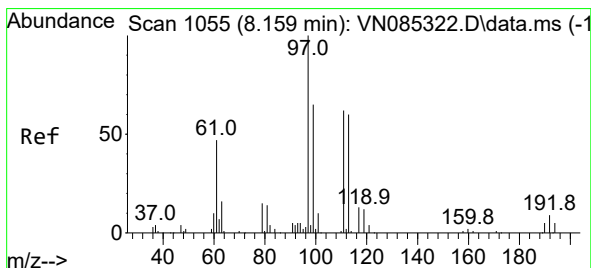
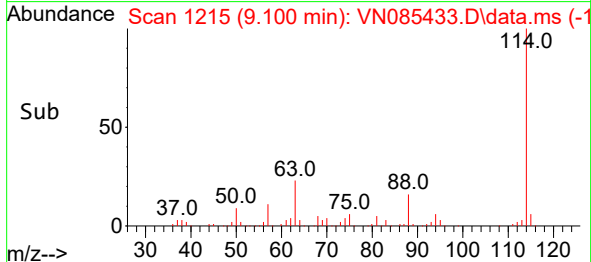
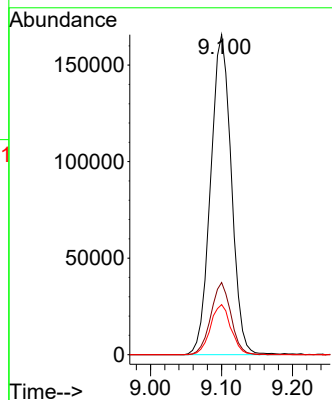
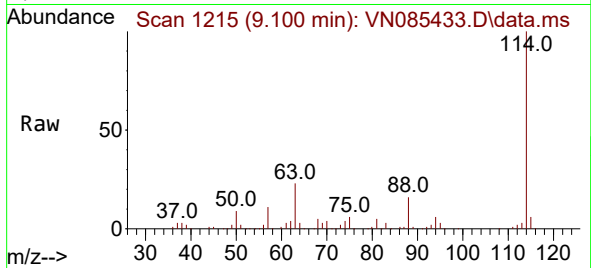




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

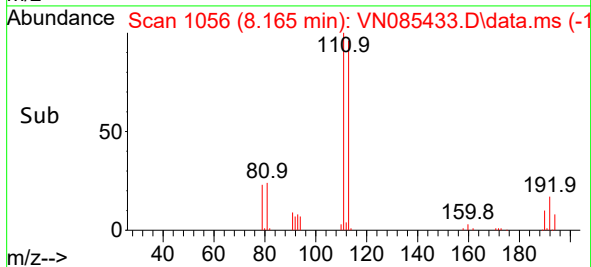
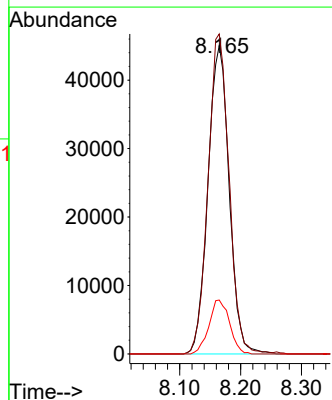
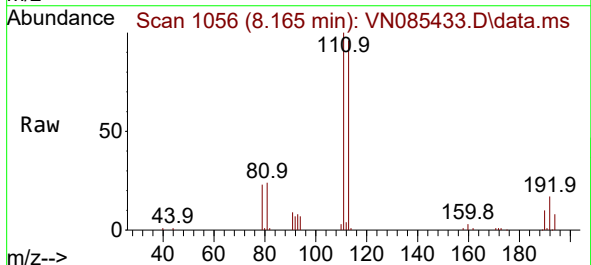
Instrument :
MSVOA_N
ClientSampleId :

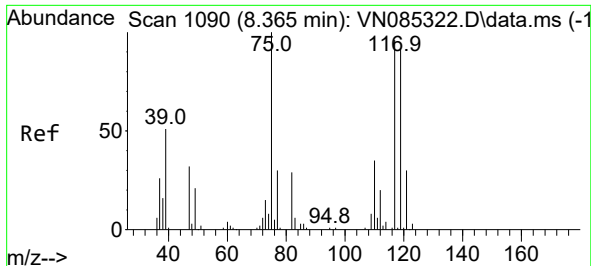
Tgt Ion:114 Resp: 334626
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.4
88 15.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 52.179 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

Tgt Ion:113 Resp: 108928
Ion Ratio Lower Upper
113 100
111 102.6 80.5 120.7
192 17.0 12.9 19.3

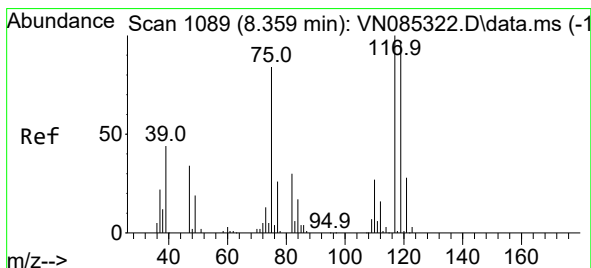
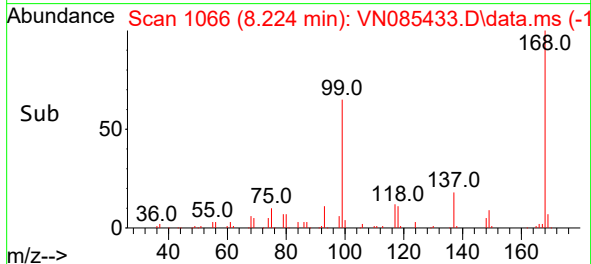
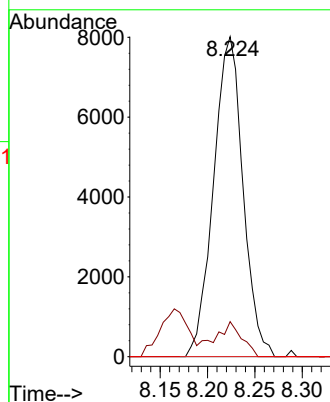
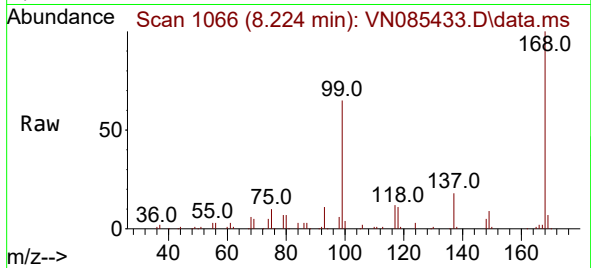




#36
1,1-Dichloropropene
Concen: 5.668 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

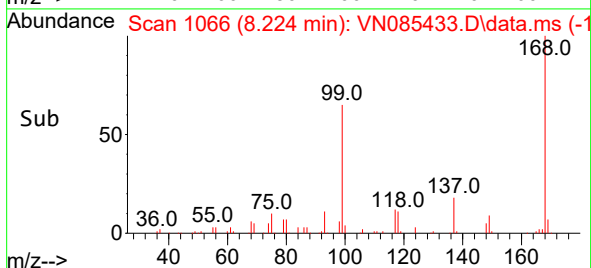
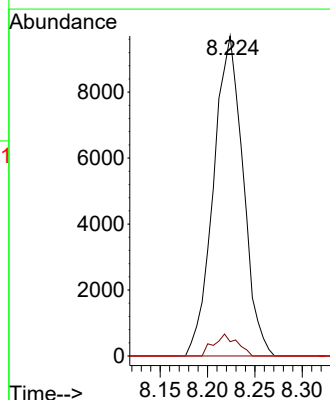
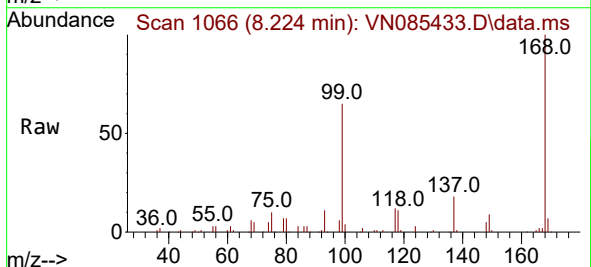
Instrument :
MSVOA_N
ClientSampleId :

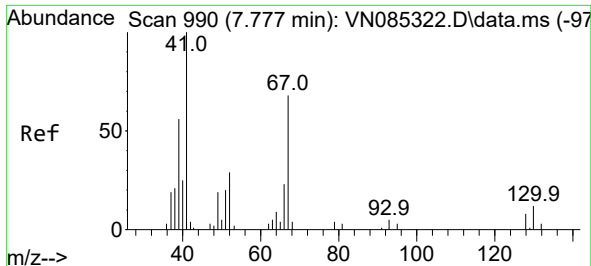
Tgt Ion: 75 Resp: 17325
Ion Ratio Lower Upper
75 100
110 9.2 16.6 49.8#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.323 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

Tgt Ion: 117 Resp: 21066
Ion Ratio Lower Upper
117 100
119 4.4 77.8 116.6#
121 0.0 22.5 33.7#

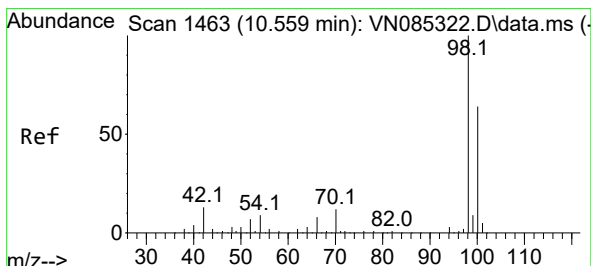
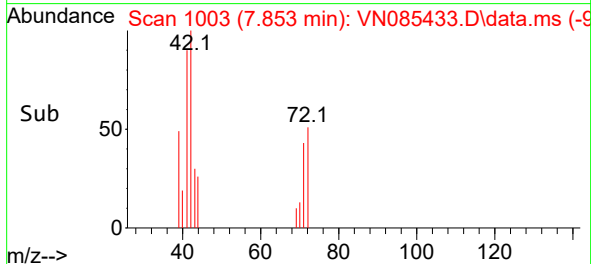
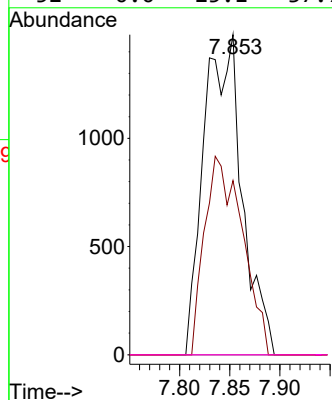
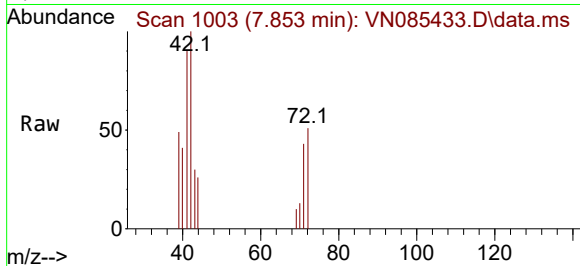




#41
Methacrylonitrile
Concen: 2.525 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.077 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

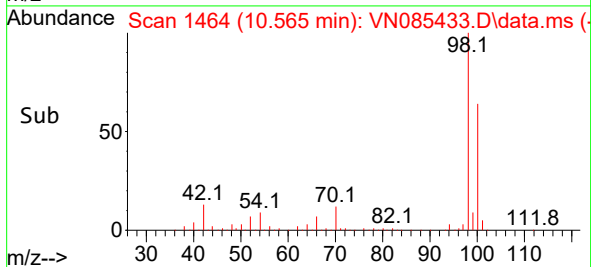
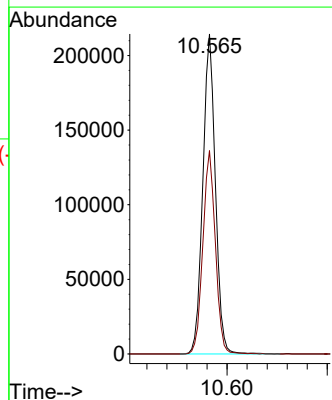
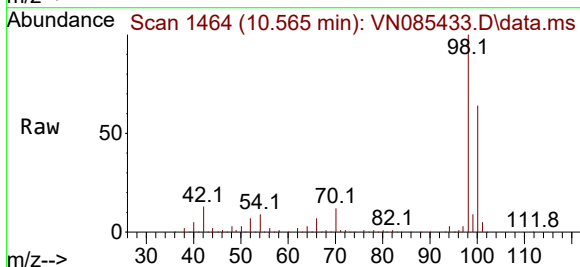
Instrument :
MSVOA_N
ClientSampleId :

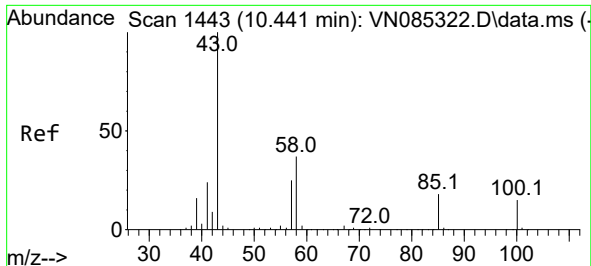
Tgt Ion: 41 Resp: 3929
Ion Ratio Lower Upper
41 100
39 61.4 45.8 68.8
67 0.0 57.1 85.7#
52 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 48.623 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

Tgt Ion: 98 Resp: 372474
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3

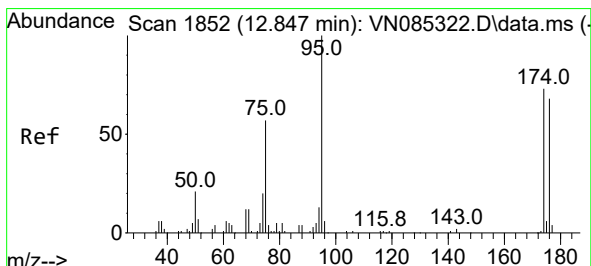
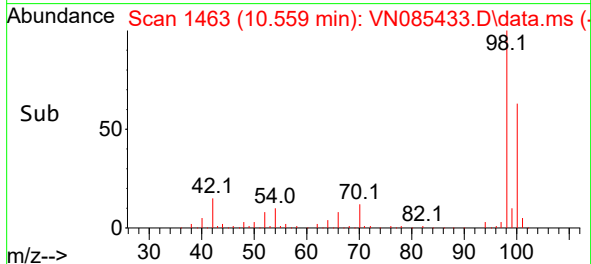
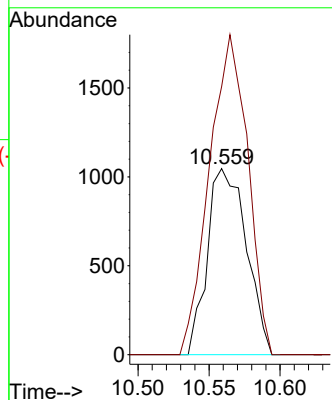
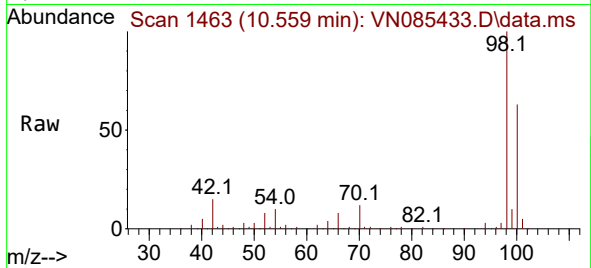




#51
4-Methyl-2-Pentanone
Concen: 0.711 ug/l
RT: 10.559 min Scan# 1443
Delta R.T. 0.118 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

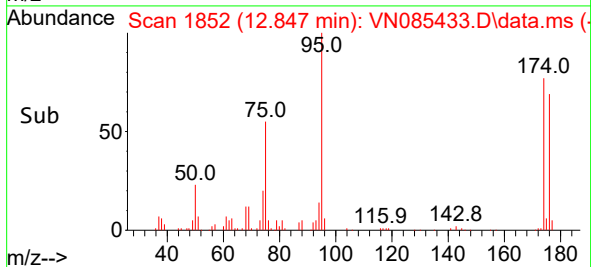
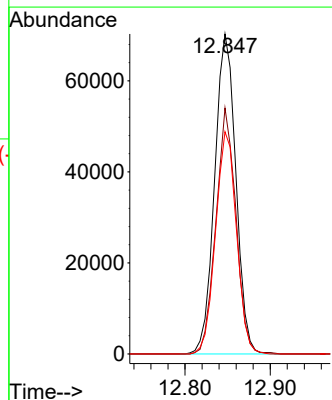
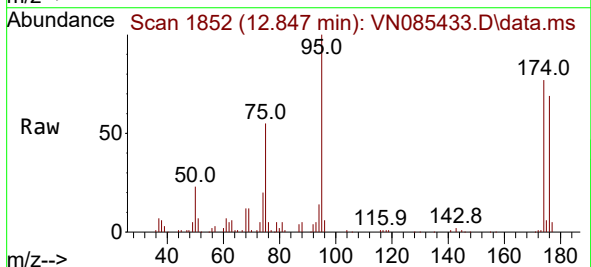
Instrument :
MSVOA_N
ClientSampleId :

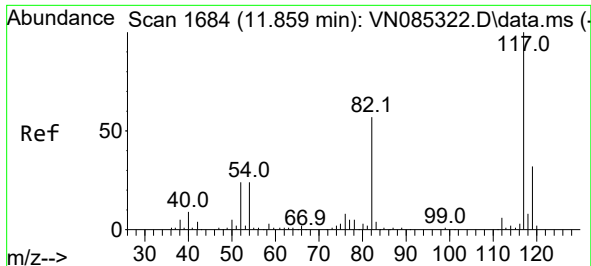
Tgt Ion: 43 Resp: 2000
Ion Ratio Lower Upper
43 100
58 169.8 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 47.784 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

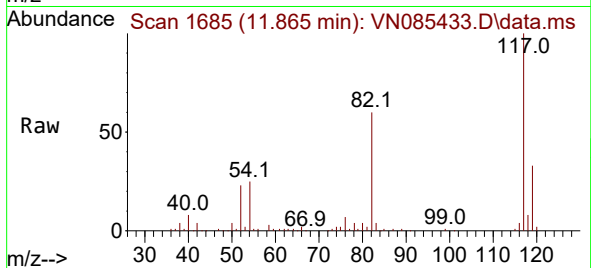
Tgt Ion: 95 Resp: 121568
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.2
176 68.6 0.0 135.8



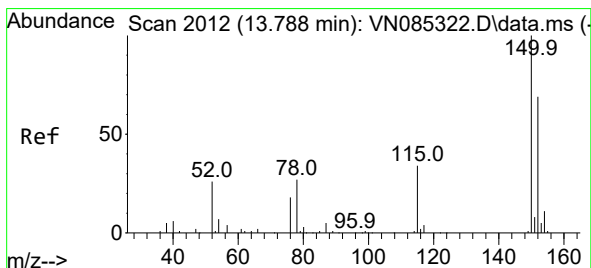
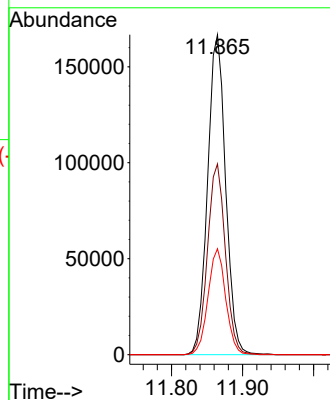
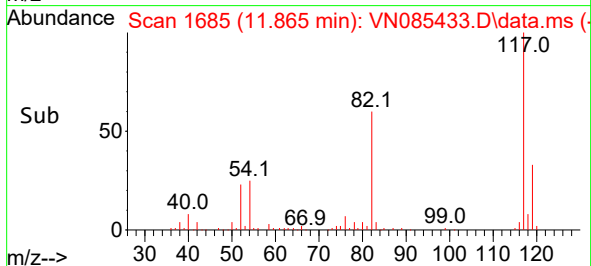


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54

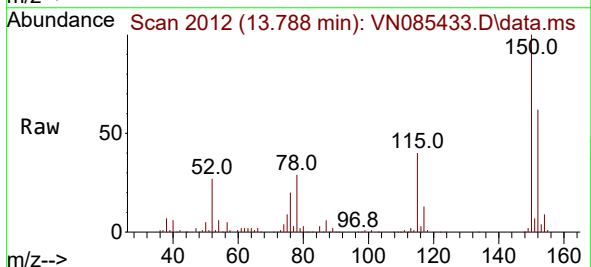
Instrument :
MSVOA_N
ClientSampleId :



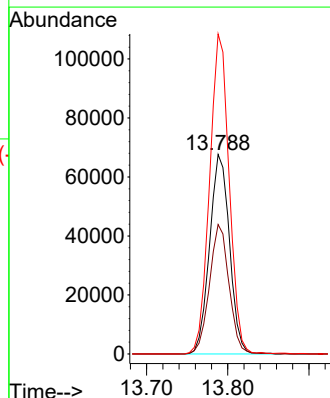
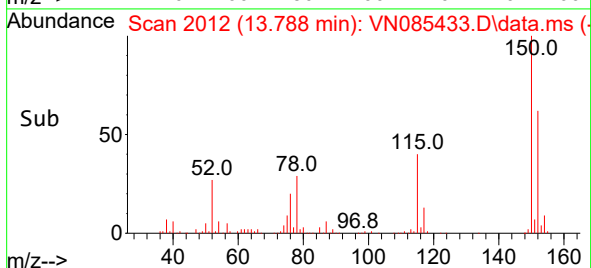
Tgt Ion:117 Resp: 294528
Ion Ratio Lower Upper
117 100
82 59.6 45.7 68.5
119 33.1 25.8 38.8

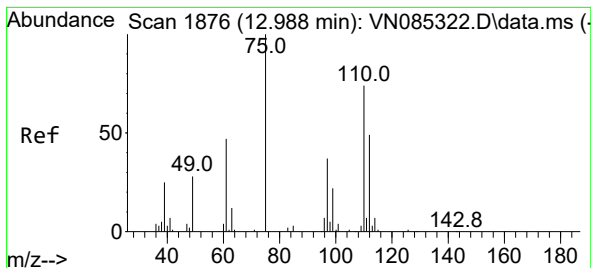


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085433.D
Acq: 13 Jan 2025 17:54



Tgt Ion:152 Resp: 115338
Ion Ratio Lower Upper
152 100
115 63.7 30.4 91.3
150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 31.050 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085433.D

Acq: 13 Jan 2025 17:54

Instrument :

MSVOA_N

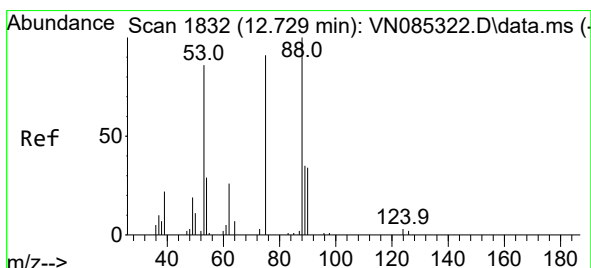
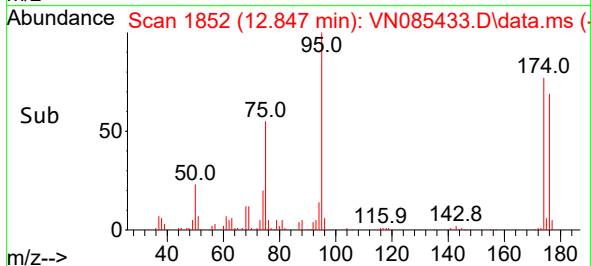
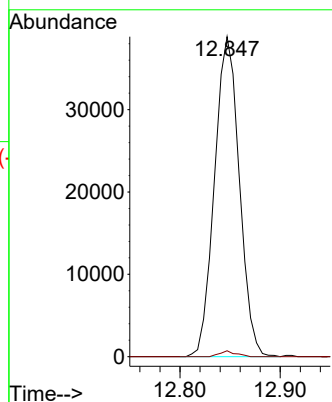
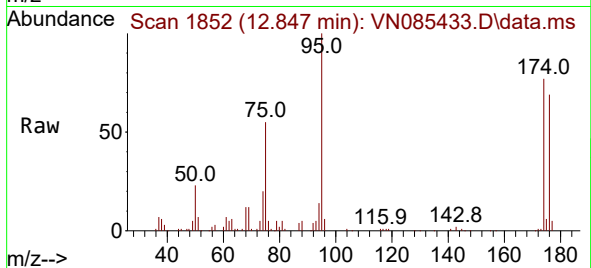
ClientSampleId :

Tgt Ion: 75 Resp: 66875

Ion Ratio Lower Upper

75 100

77 1.2 98.1 294.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.359 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.118 min

Lab File: VN085433.D

Acq: 13 Jan 2025 17:54

Tgt Ion: 75 Resp: 66875

Ion Ratio Lower Upper

75 100

53 0.0 80.0 120.0#

89 0.0 35.8 53.8#

