

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085408.D
 Acq On : 09 Jan 2025 14:51
 Operator : JC\MD
 Sample : Q1038-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 10 00:21:13 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)

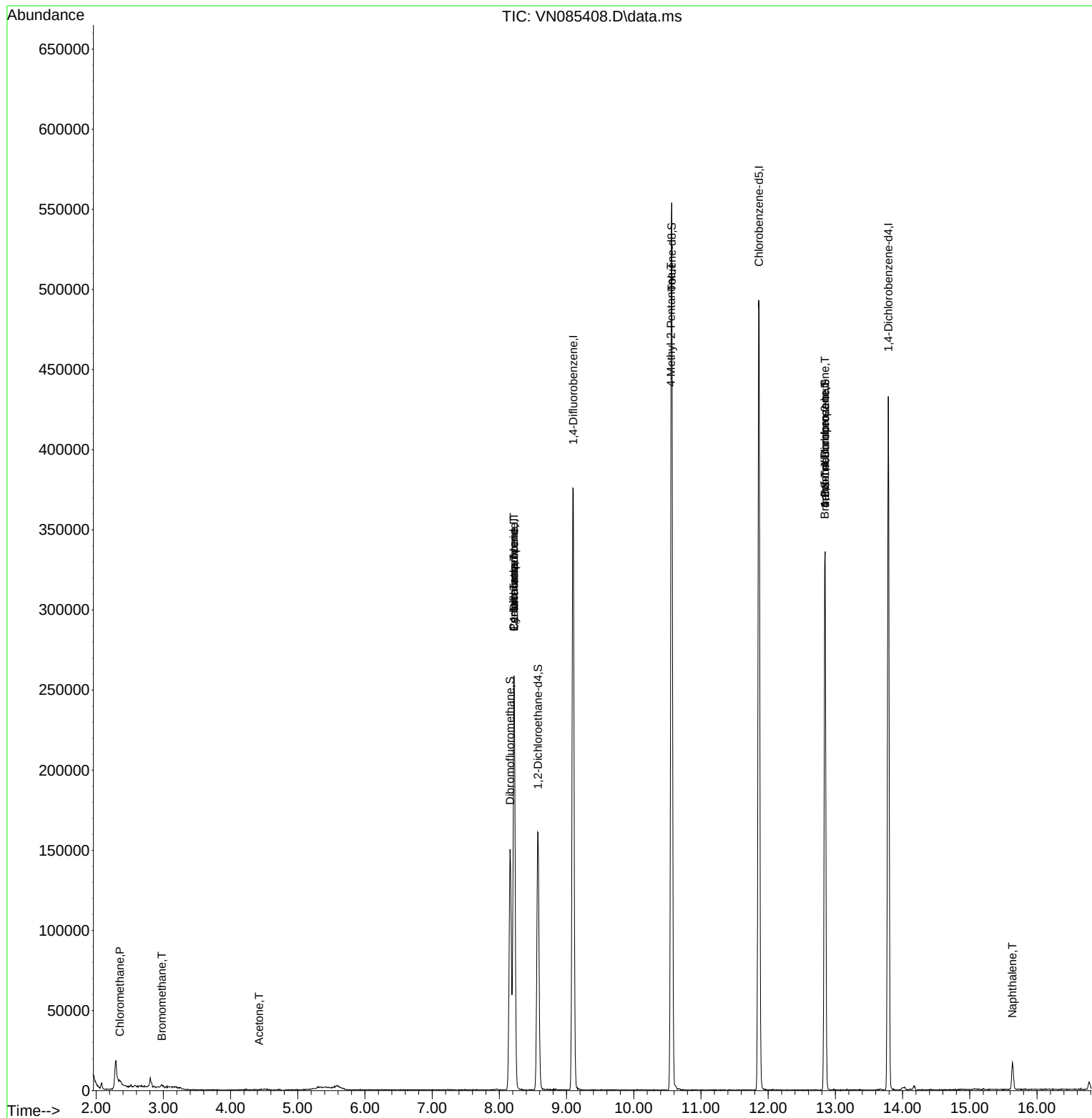
Internal Standards						
1) Pentafluorobenzene	8.218	168	171912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	136537	55.685	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.360%	
35) Dibromofluoromethane	8.159	113	104519	52.695	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.380%	
50) Toluene-d8	10.565	98	378242	51.967	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.940%	
62) 4-Bromofluorobenzene	12.847	95	114597	47.408	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	94.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	820	0.314	ug/l #	43
5) Bromomethane	2.977	94	699	0.387	ug/l	83
16) Acetone	4.424	43	207	0.257	ug/l #	44
31) Cyclohexane	8.218	56	4614	1.273	ug/l #	26
36) 1,1-Dichloropropene	8.218	75	16204	5.580	ug/l #	52
38) Carbon Tetrachloride	8.218	117	19138	6.046	ug/l #	16
51) 4-Methyl-2-Pentanone	10.553	43	1790	0.670	ug/l #	1
71) Bromoform	12.841	173	380	0.273	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	64908	31.690	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64908	75.892	ug/l #	10
95) Naphthalene	15.635	128	15753	2.758	ug/l	100

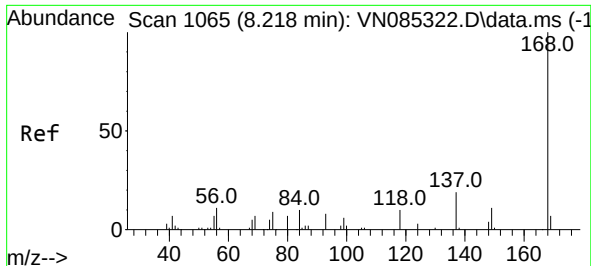
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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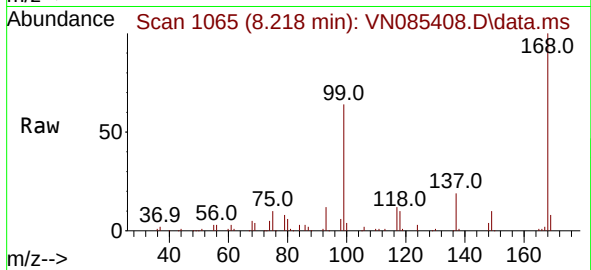
Quant Time: Jan 10 00:21:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
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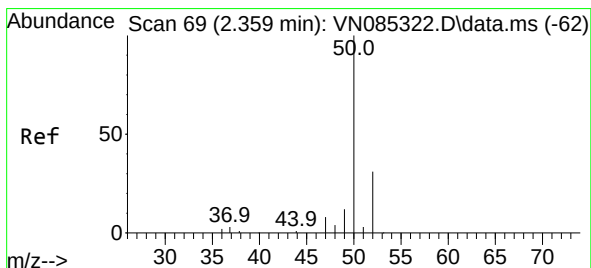
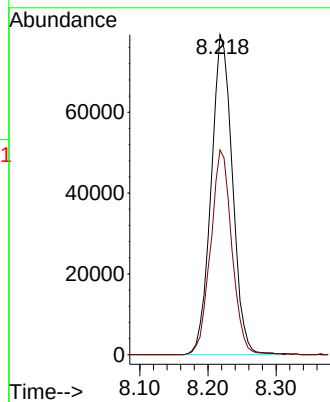
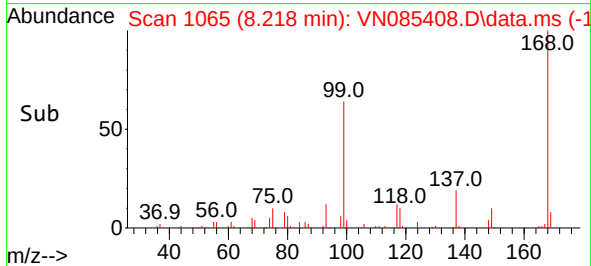


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :

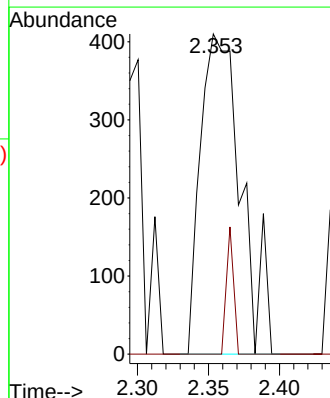
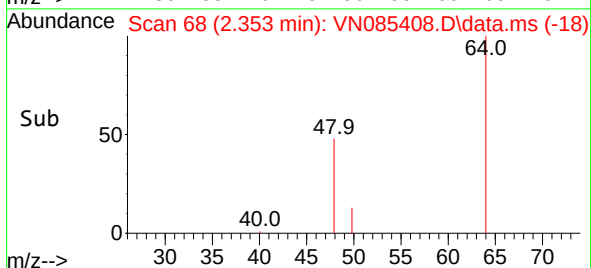
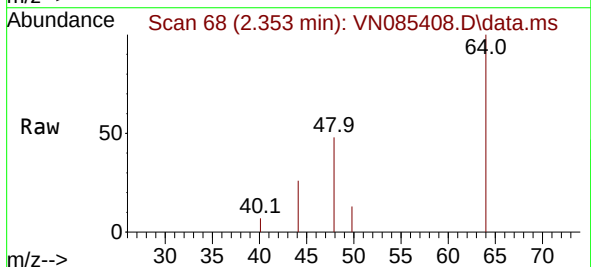


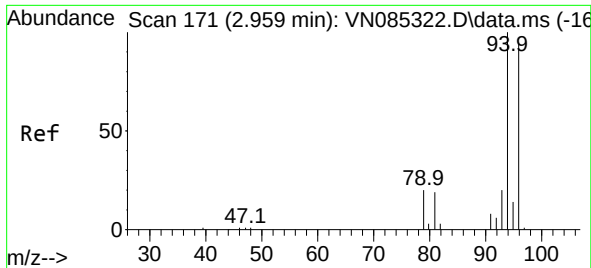
Tgt Ion:168 Resp: 171912
Ion Ratio Lower Upper
168 100
99 63.9 51.0 76.4



#3
Chloromethane
Concen: 0.314 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

Tgt Ion: 50 Resp: 820
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

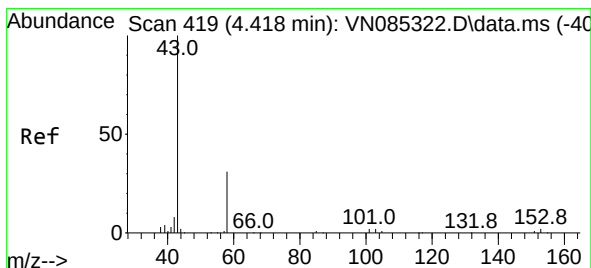
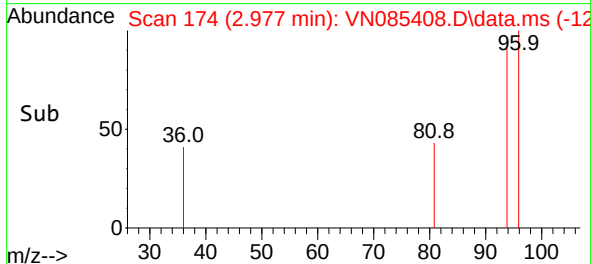
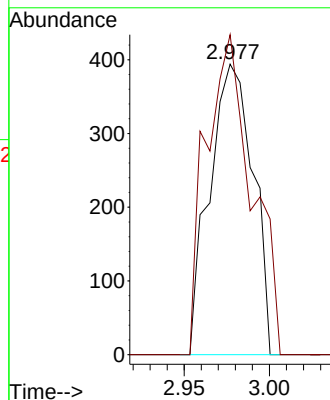
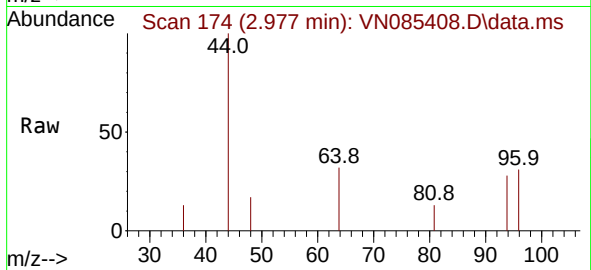




#5
Bromomethane
Concen: 0.387 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

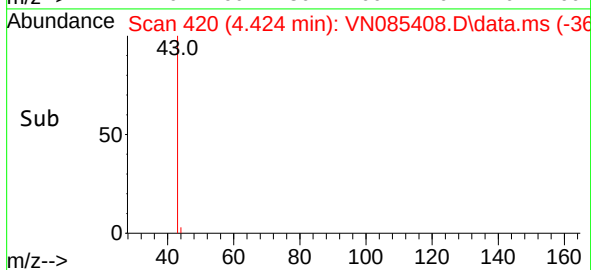
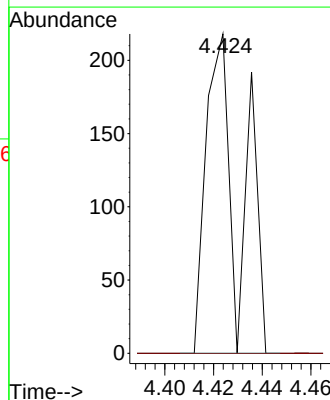
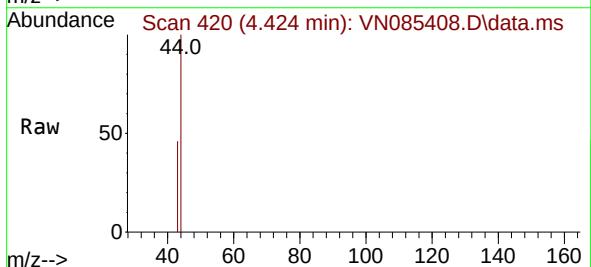
Instrument :
MSVOA_N
ClientSampleId :

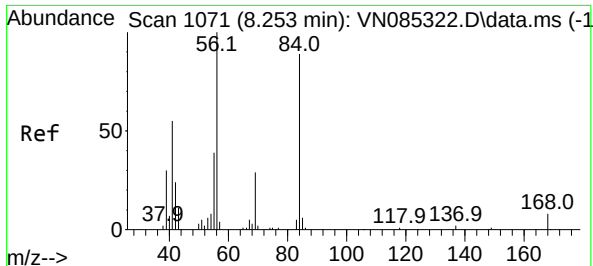
Tgt Ion: 94 Resp: 699
Ion Ratio Lower Upper
94 100
96 110.2 75.2 112.8



#16
Acetone
Concen: 0.257 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

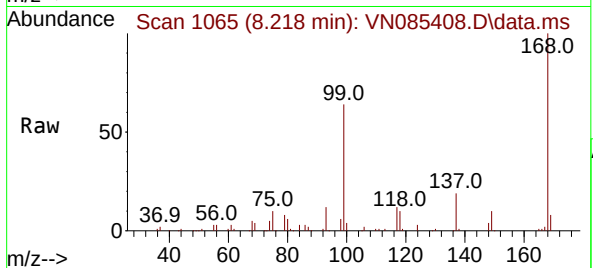
Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



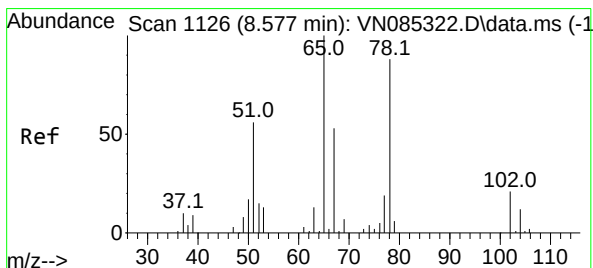
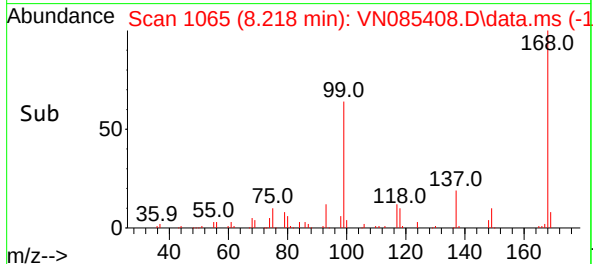
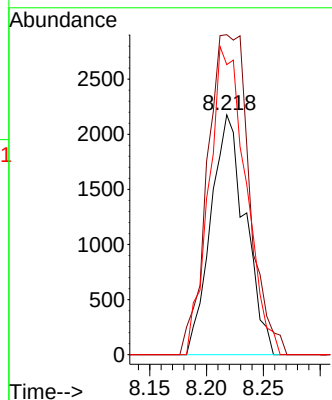


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :

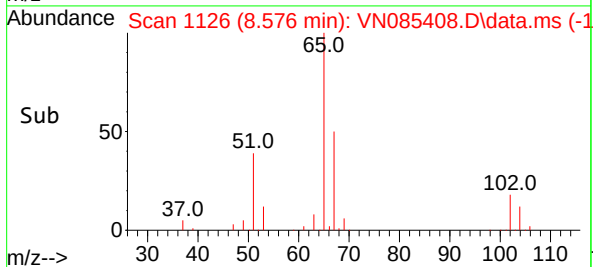
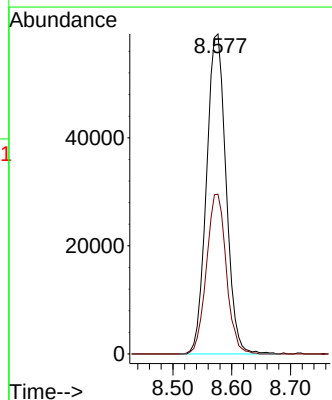
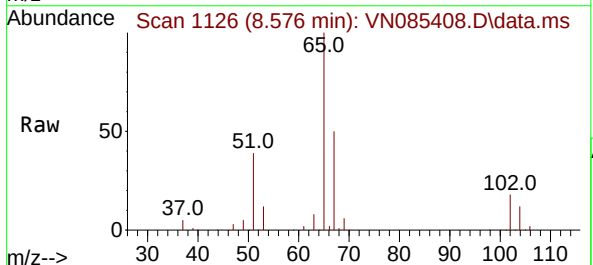


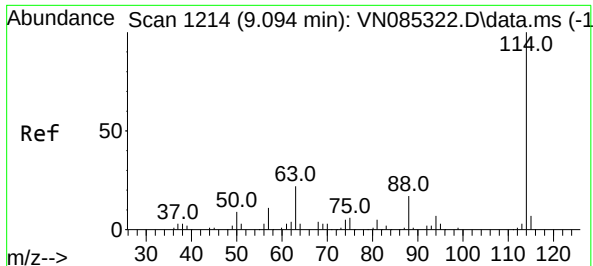
Tgt Ion: 56 Resp: 4614
Ion Ratio Lower Upper
56 100
69 133.4 23.4 35.0#
84 120.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 55.685 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

Tgt Ion: 65 Resp: 136537
Ion Ratio Lower Upper
65 100
67 50.6 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: VN085408.D

Acq: 09 Jan 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

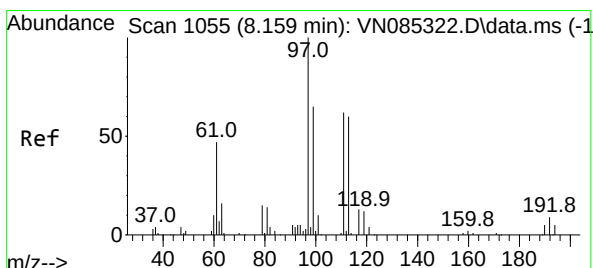
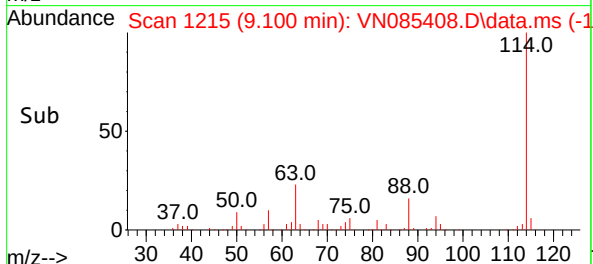
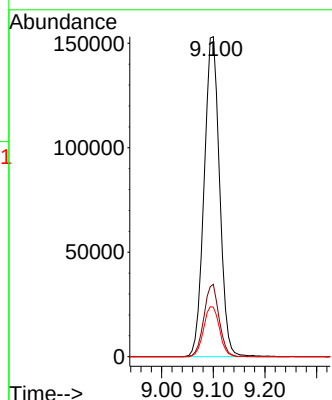
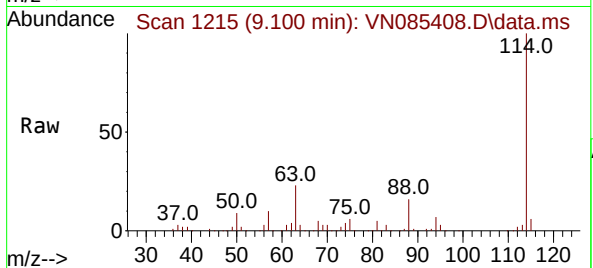
Tgt Ion:114 Resp: 317940

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 15.5 0.0 33.6



#35

Dibromofluoromethane

Concen: 52.695 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085408.D

Acq: 09 Jan 2025 14:51

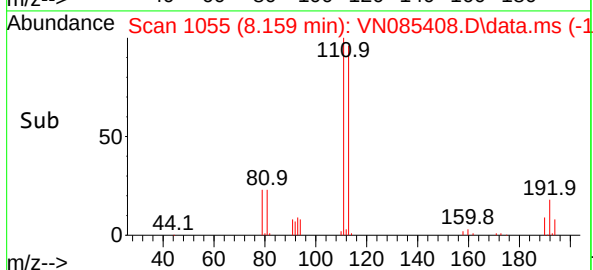
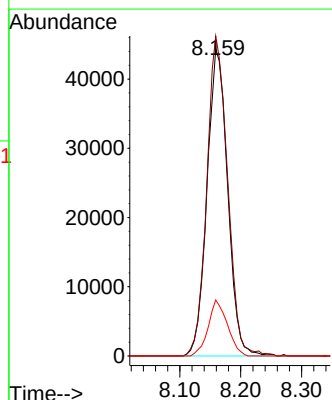
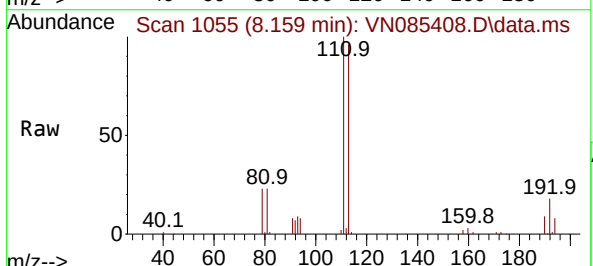
Tgt Ion:113 Resp: 104519

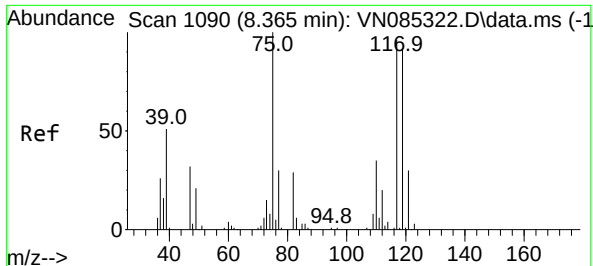
Ion Ratio Lower Upper

113 100

111 105.0 80.5 120.7

192 17.0 12.9 19.3

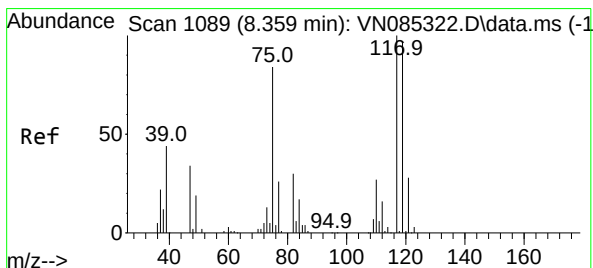
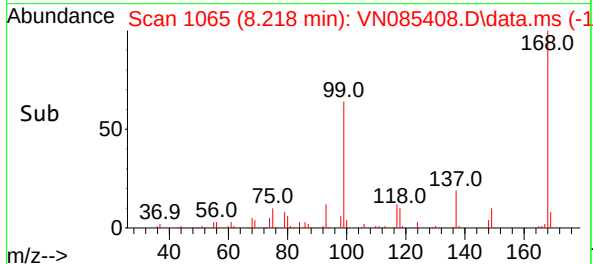
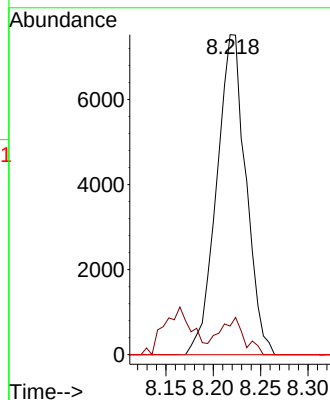
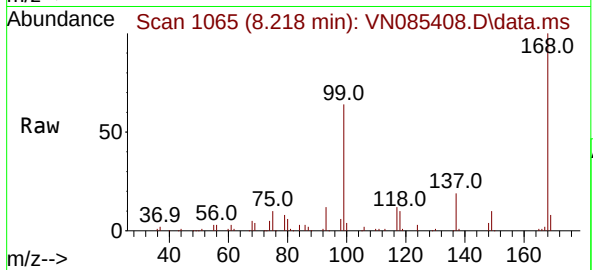




#36
1,1-Dichloropropene
Concen: 5.580 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

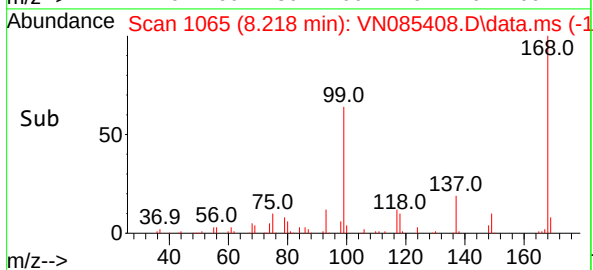
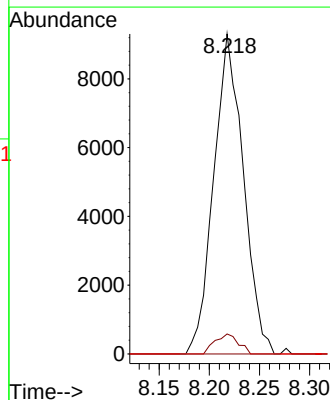
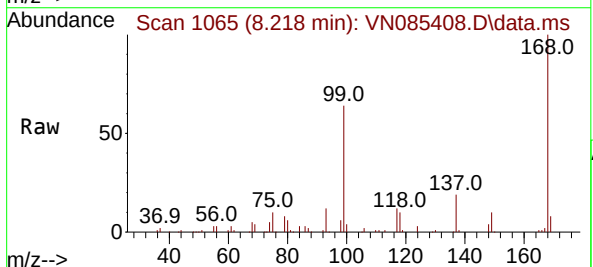
Instrument :
MSVOA_N
ClientSampleId :

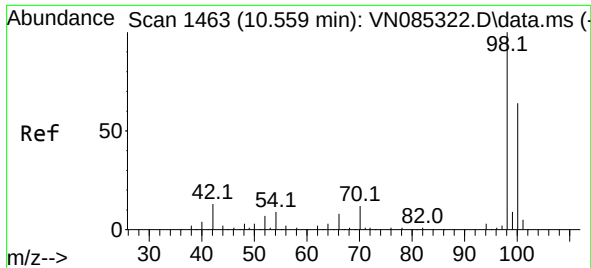
Tgt Ion: 75 Resp: 16204
Ion Ratio Lower Upper
75 100
110 9.8 16.6 49.8#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.046 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

Tgt Ion: 117 Resp: 19138
Ion Ratio Lower Upper
117 100
119 6.2 77.8 116.6#
121 0.0 22.5 33.7#

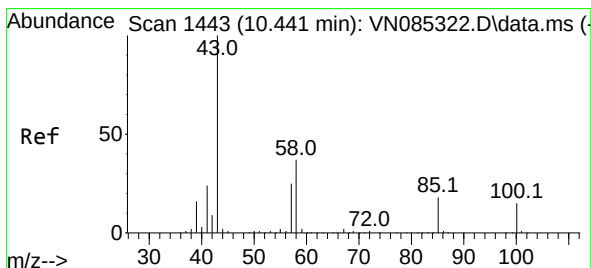
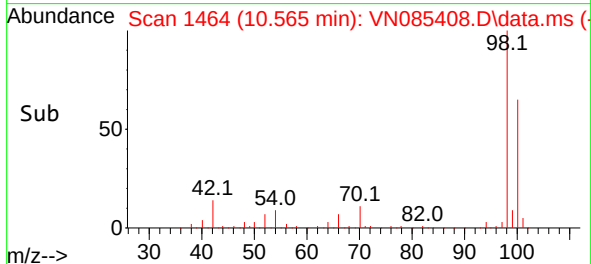
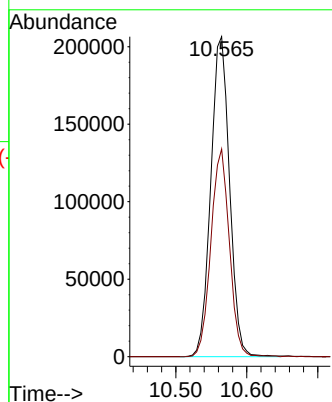
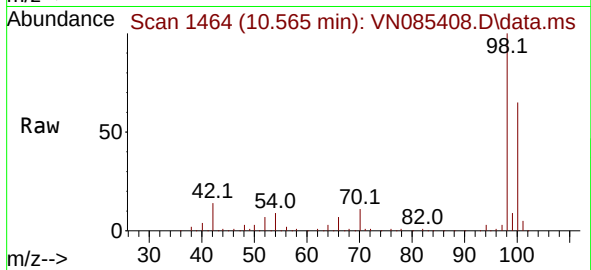




#50
Toluene-d8
Concen: 51.967 ug/l
RT: 10.565 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

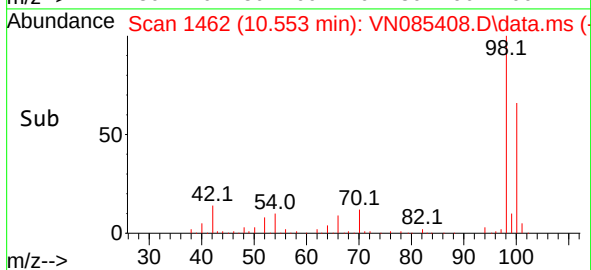
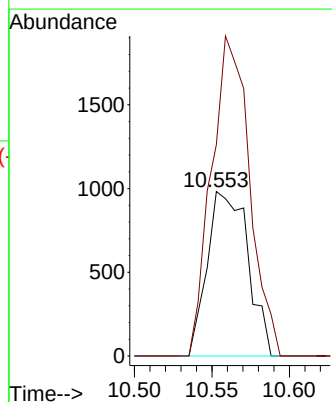
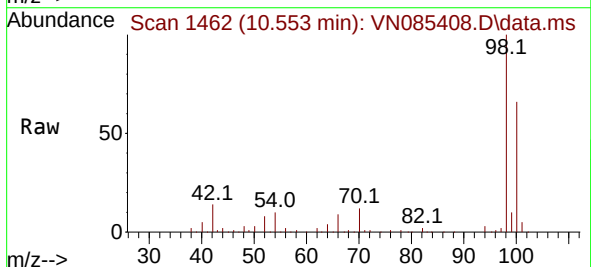
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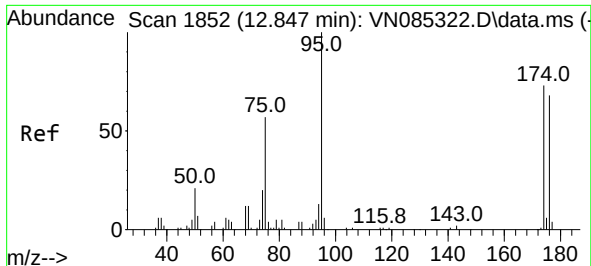
Tgt Ion: 98 Resp: 378242
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.670 ug/l
RT: 10.553 min Scan# 1462
Delta R.T. 0.112 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
58 182.7 30.3 45.5#

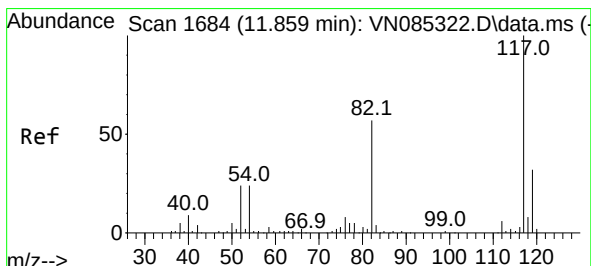
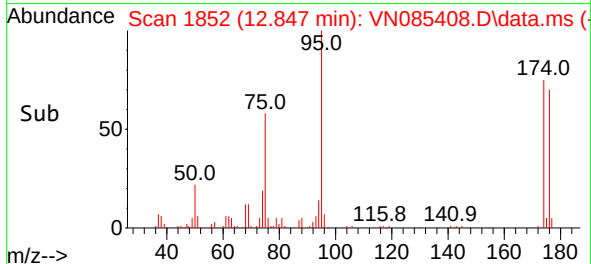
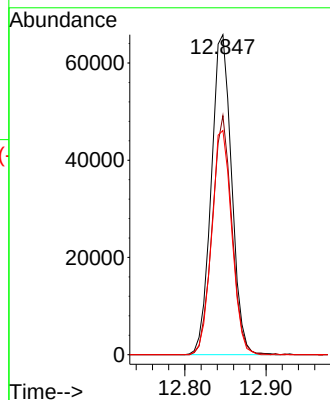
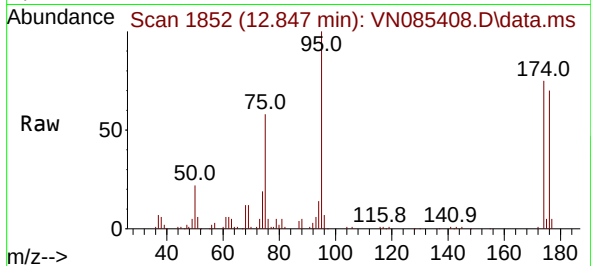




#62
4-Bromofluorobenzene
Concen: 47.408 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

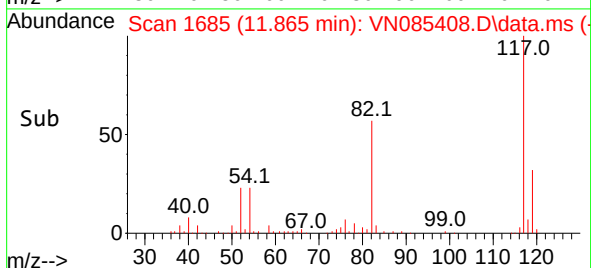
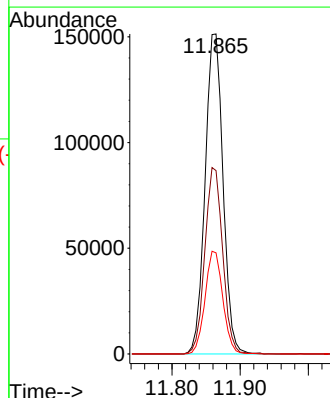
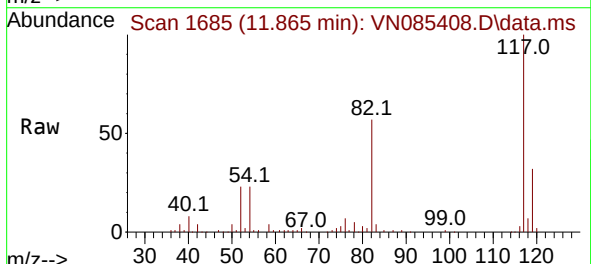
Instrument :
MSVOA_N
ClientSampleId :

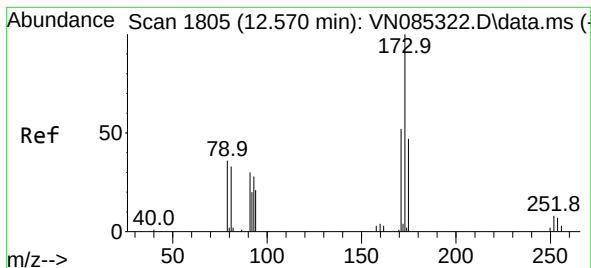
Tgt Ion: 95 Resp: 114597
Ion Ratio Lower Upper
95 100
174 72.0 0.0 143.2
176 69.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

Tgt Ion: 117 Resp: 276650
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 31.6 25.8 38.8





#71

Bromoform

Concen: 0.273 ug/l

RT: 12.841 min Scan# 1805

Delta R.T. 0.271 min

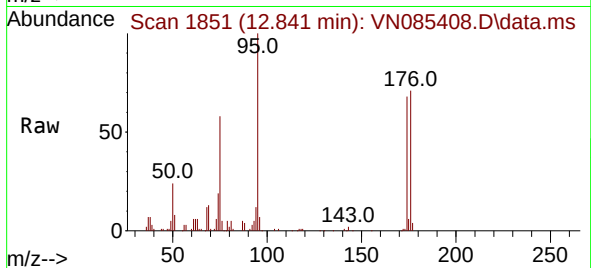
Lab File: VN085408.D

Acq: 09 Jan 2025 14:51

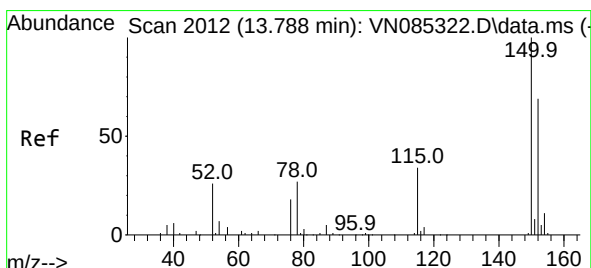
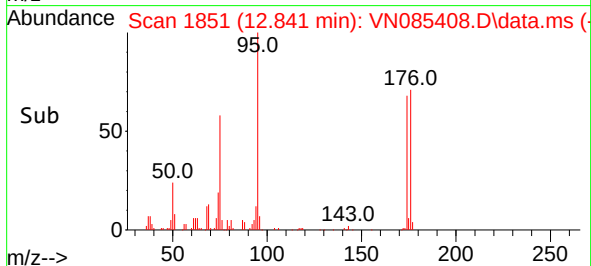
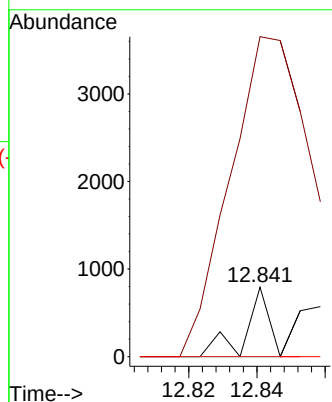
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	380
Ion Ratio	Lower	Upper	
173	100		
175	1106.1	24.4	73.4#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

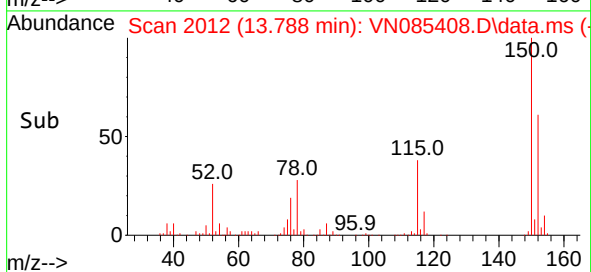
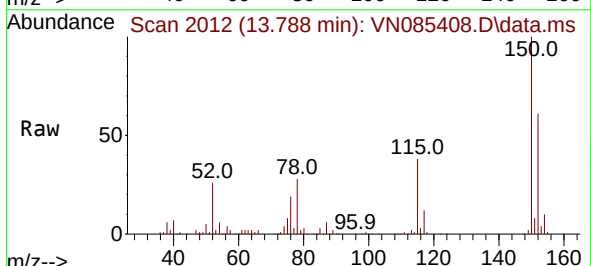
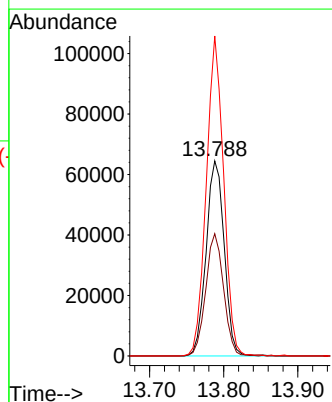
RT: 13.788 min Scan# 1212

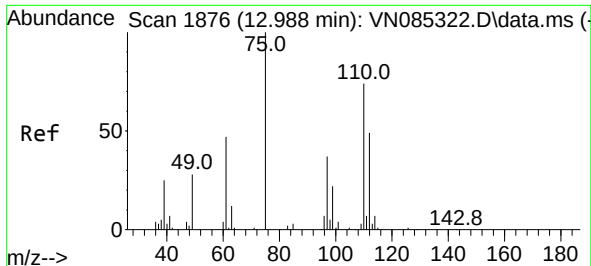
Delta R.T. -0.000 min

Lab File: VN085408.D

Acq: 09 Jan 2025 14:51

Tgt Ion:	152	Resp:	109684
Ion Ratio	Lower	Upper	
152	100		
115	61.7	30.4	91.3
150	156.7	0.0	345.0

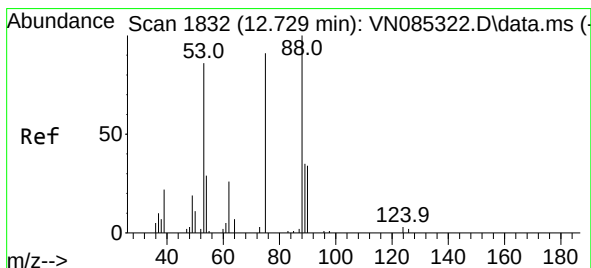
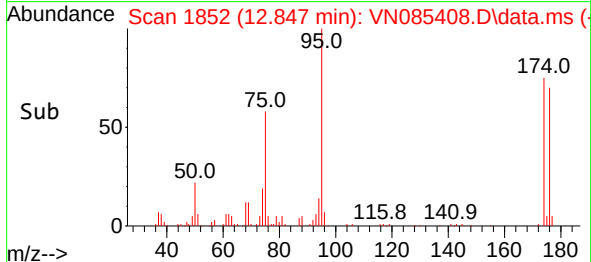
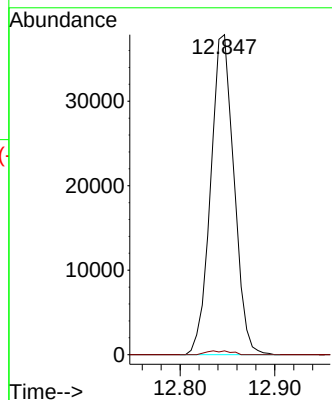
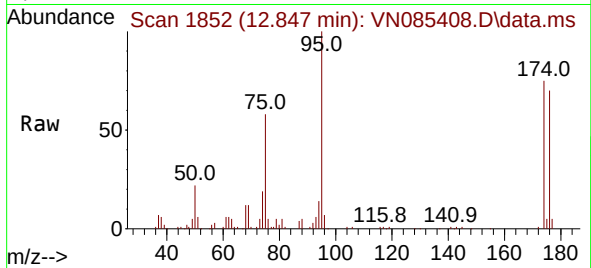




#76
1,2,3-Trichloropropane
Concen: 31.690 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

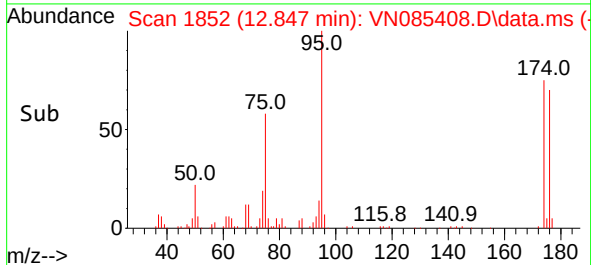
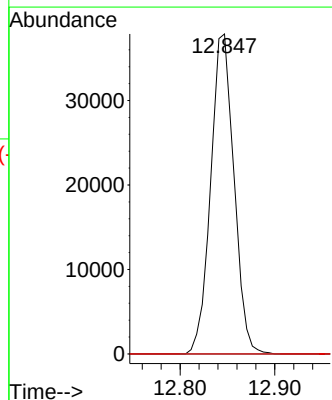
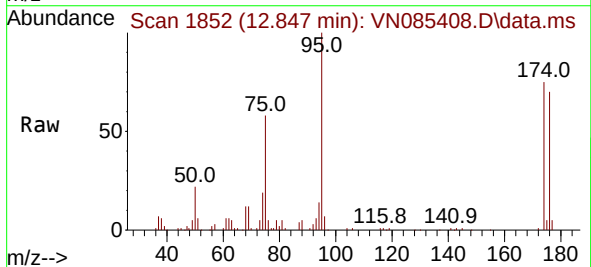
Instrument :
MSVOA_N
ClientSampleId :

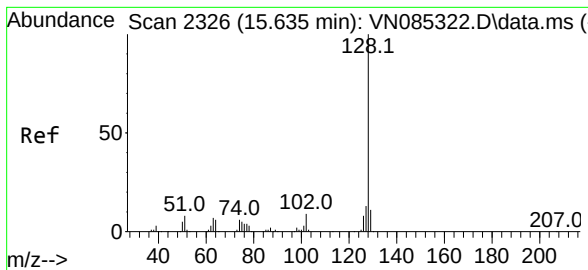
Tgt Ion: 75 Resp: 64908
Ion Ratio Lower Upper
75 100
77 1.2 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.892 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

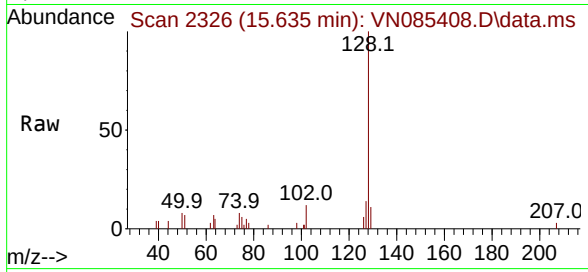
Tgt Ion: 75 Resp: 64908
Ion Ratio Lower Upper
75 100
53 0.0 80.0 120.0#
89 0.0 35.8 53.8#





#95
 Naphthalene
 Concen: 2.758 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085408.D
 Acq: 09 Jan 2025 14:51

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	15753
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.9	8.5	12.7

