

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085922.D
 Acq On : 10 Mar 2025 18:23
 Operator : JC\MD
 Sample : Q1514-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 11 01:41:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

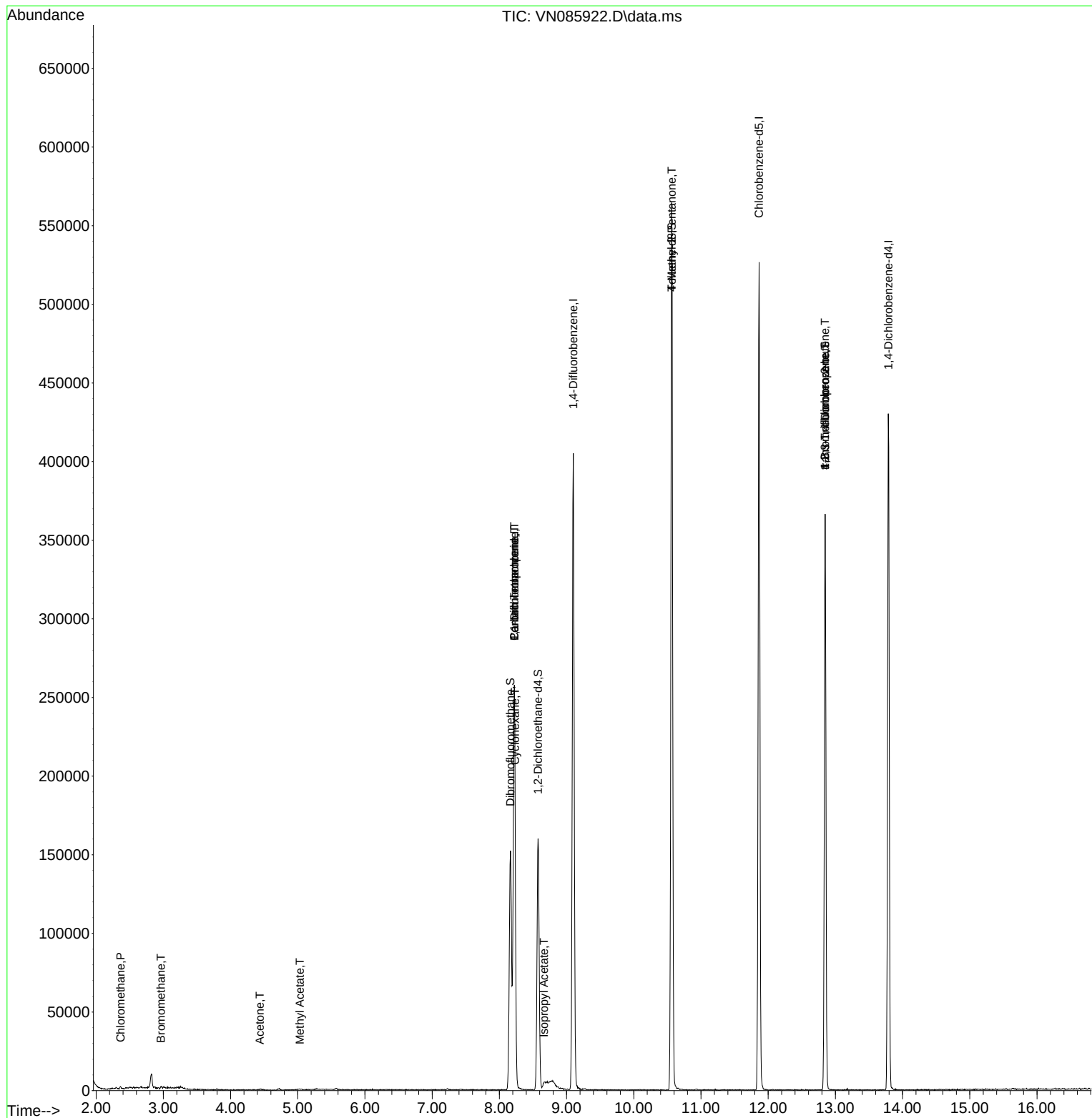
Internal Standards						
1) Pentafluorobenzene	8.224	168	185446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134170	55.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.620%
35) Dibromofluoromethane	8.165	113	111966	49.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	10.565	98	392872	47.991	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.847	95	128707	47.718	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1569	0.620	ug/l	97
5) Bromomethane	2.965	94	552	0.322	ug/l #	64
16) Acetone	4.436	43	866	1.138	ug/l #	40
18) Methyl Acetate	5.030	43	771	0.295	ug/l #	47
31) Cyclohexane	8.235	56	4028	1.173	ug/l #	33
36) 1,1-Dichloropropene	8.224	75	15562	4.887	ug/l #	49
38) Carbon Tetrachloride	8.224	117	20798	5.497	ug/l #	17
43) Isopropyl Acetate	8.665	43	3667	0.254	ug/l #	53
51) 4-Methyl-2-Pentanone	10.565	43	1341	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	63060	23.453	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63060	68.430	ug/l #	13

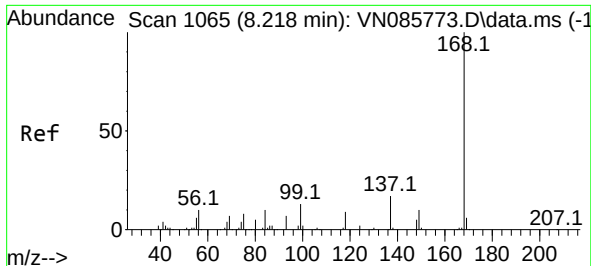
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

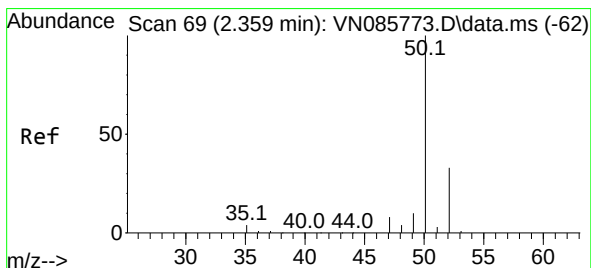
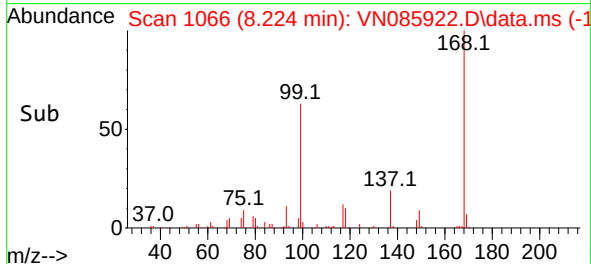
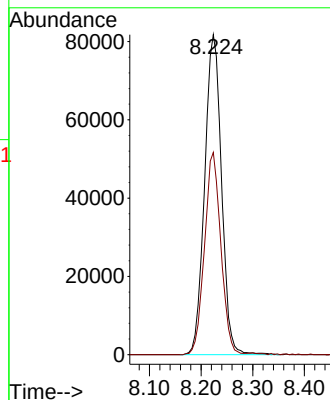
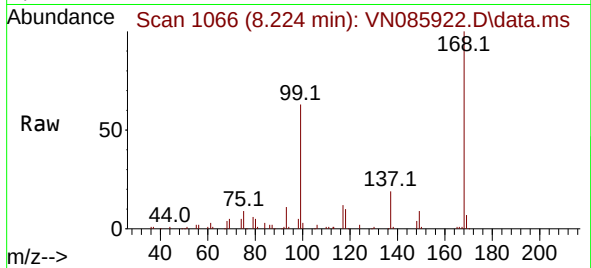




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

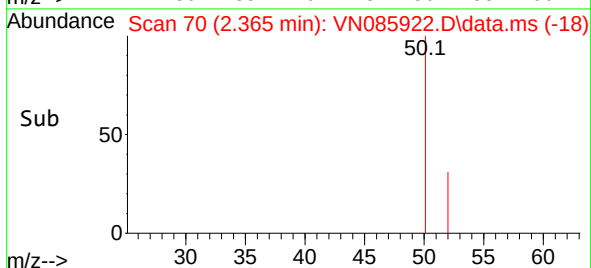
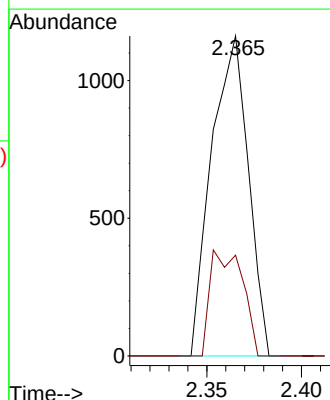
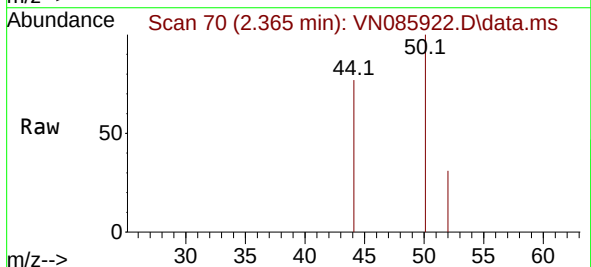
Instrument :
MSVOA_N
ClientSampleId :

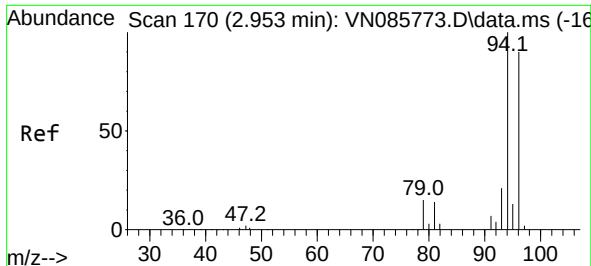
Tgt Ion:168 Resp: 185446
Ion Ratio Lower Upper
168 100
99 63.2 47.9 71.9



#3
Chloromethane
Concen: 0.620 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

Tgt Ion: 50 Resp: 1569
Ion Ratio Lower Upper
50 100
52 31.5 26.7 40.1

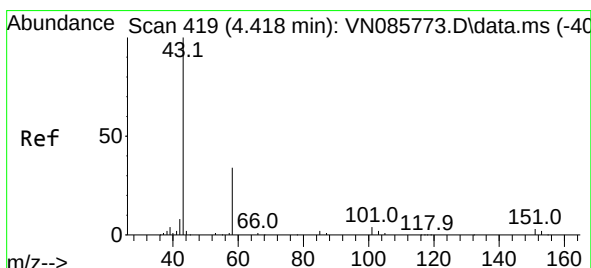
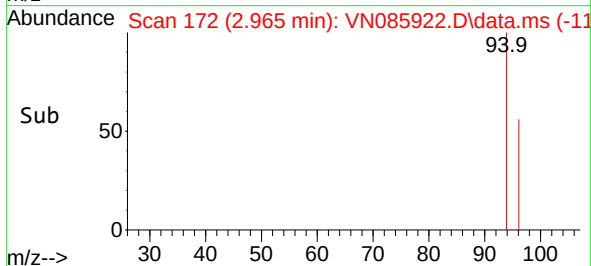
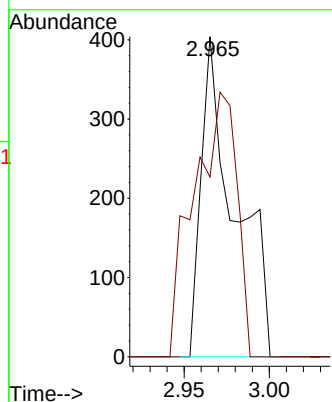
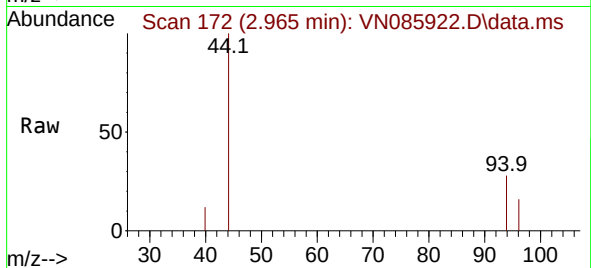




#5
Bromomethane
Concen: 0.322 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

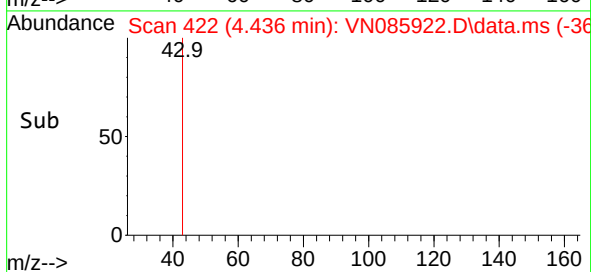
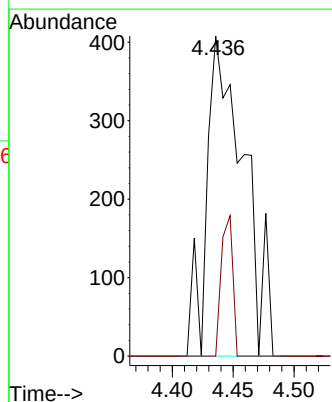
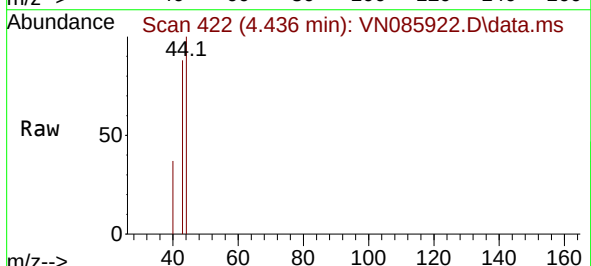
Instrument :
MSVOA_N
ClientSampleId :

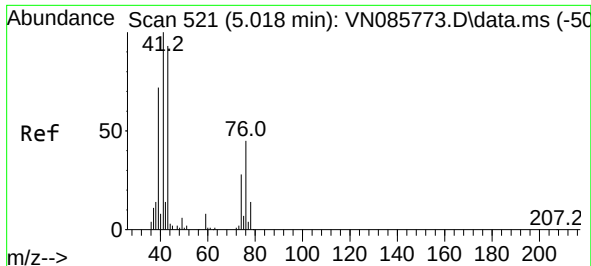
Tgt Ion: 94 Resp: 552
Ion Ratio Lower Upper
94 100
96 56.2 71.7 107.5#



#16
Acetone
Concen: 1.138 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

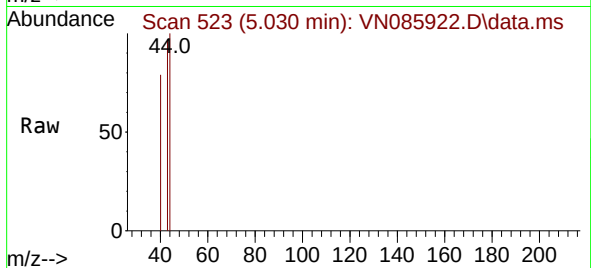
Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



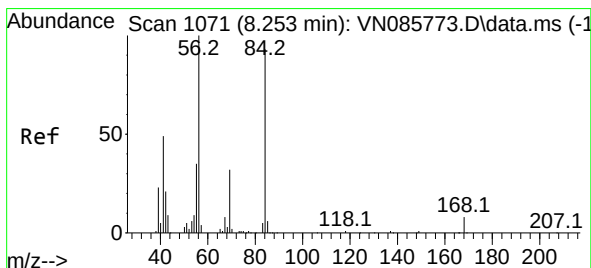
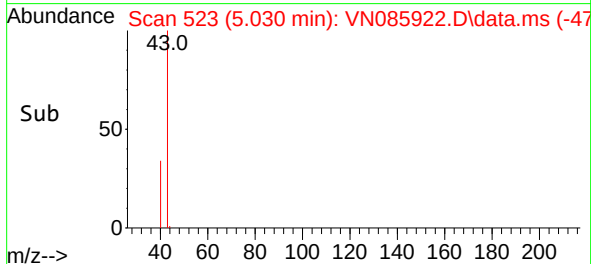
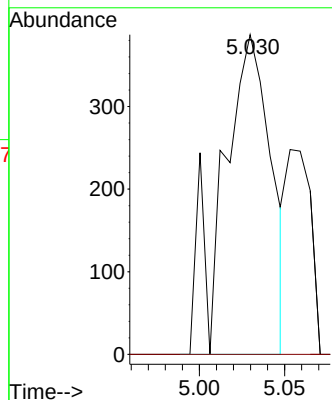


#18
Methyl Acetate
Concen: 0.295 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

Instrument :
MSVOA_N
ClientSampleId :

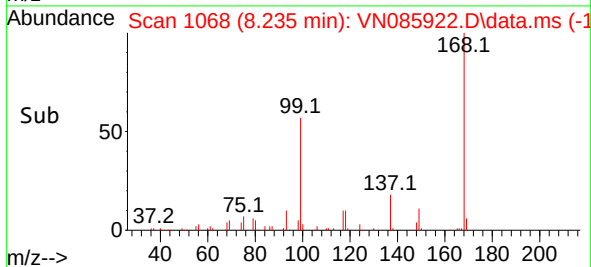
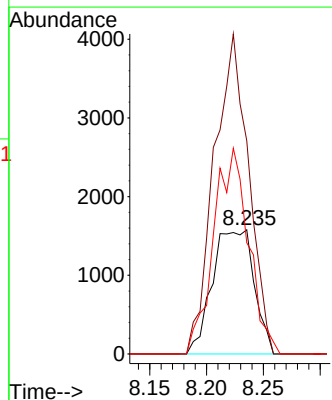
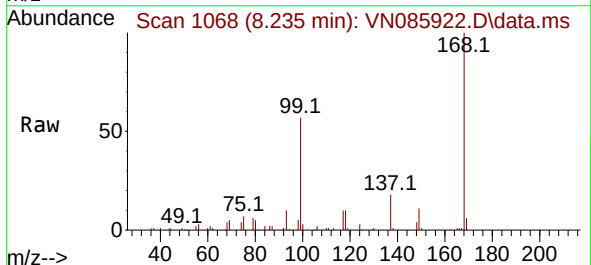


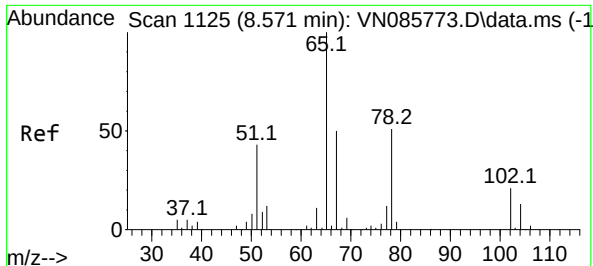
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.018 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

Tgt Ion: 56 Resp: 4028
Ion Ratio Lower Upper
56 100
69 171.8 25.8 38.6#
84 89.6 74.5 111.7





#33

1,2-Dichloroethane-d4

Concen: 55.806 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085922.D

Acq: 10 Mar 2025 18:23

Instrument :

MSVOA_N

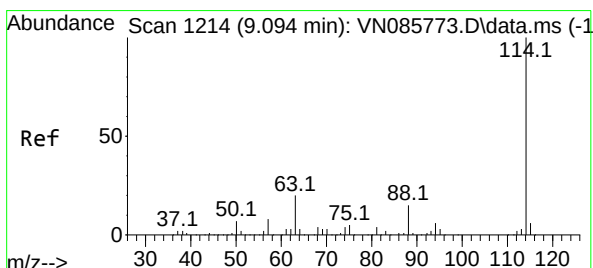
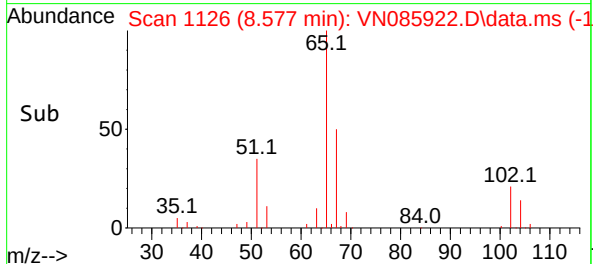
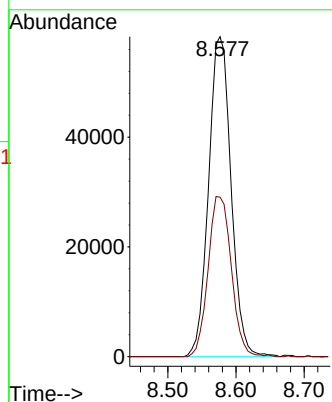
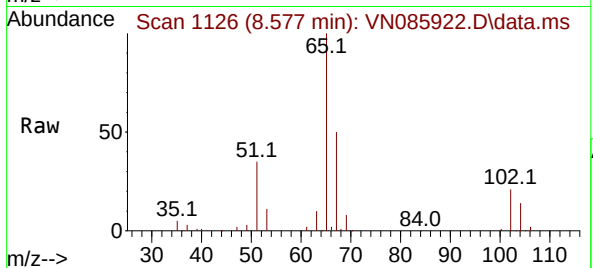
ClientSampleId :

Tgt Ion: 65 Resp: 134170

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085922.D

Acq: 10 Mar 2025 18:23

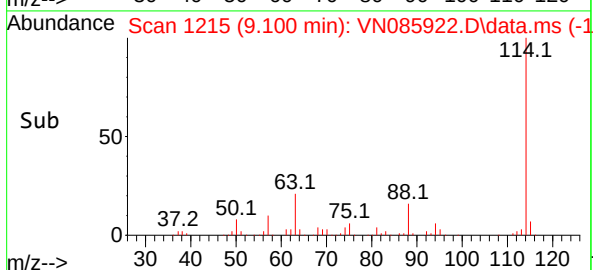
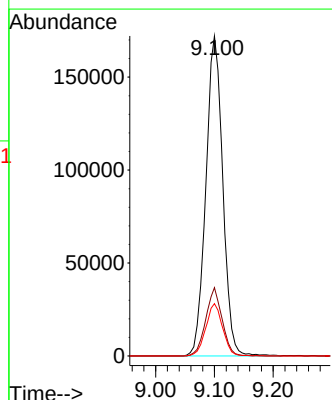
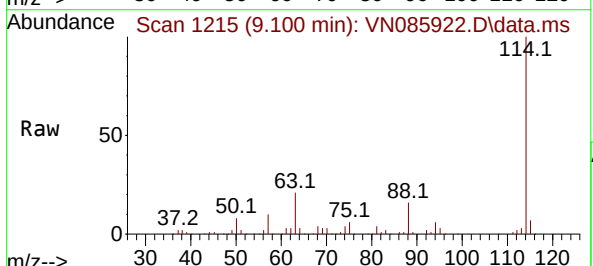
Tgt Ion: 114 Resp: 343862

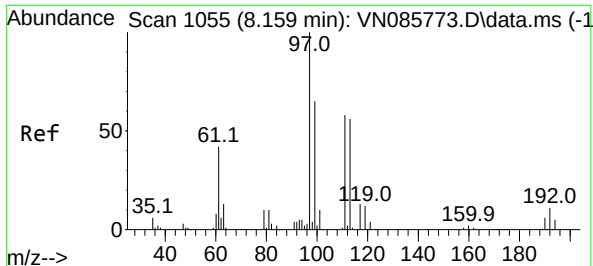
Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.2

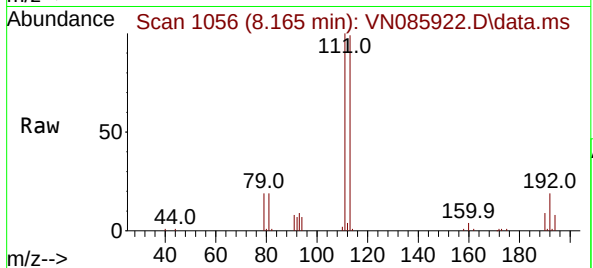
88 16.4 0.0 30.0



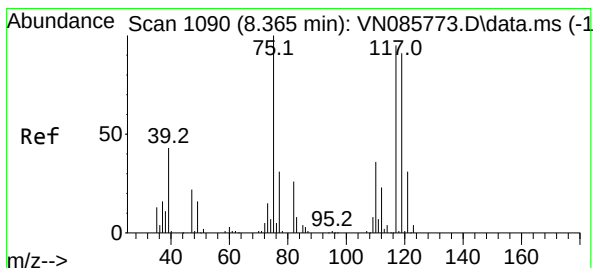
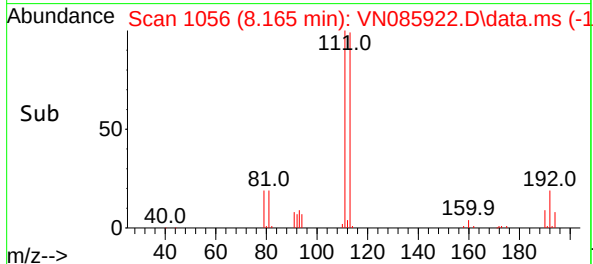
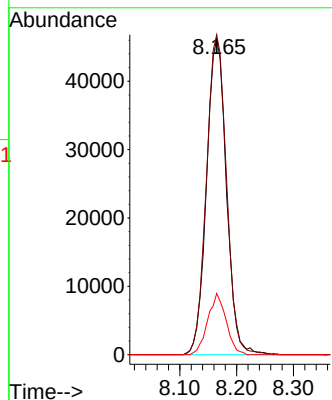


#35
Dibromofluoromethane
Concen: 49.761 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

Instrument :
MSVOA_N
ClientSampleId :

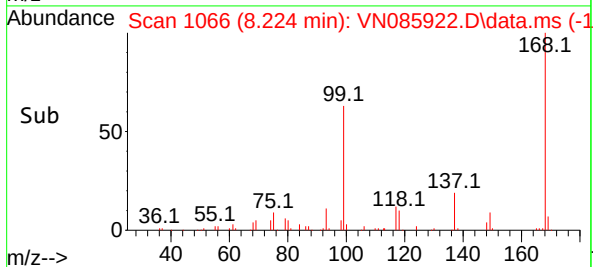
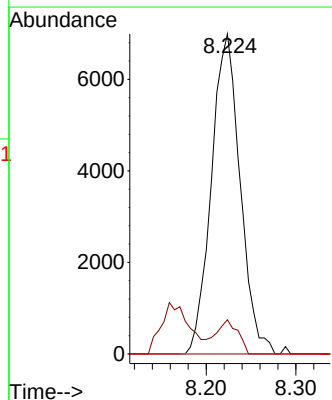
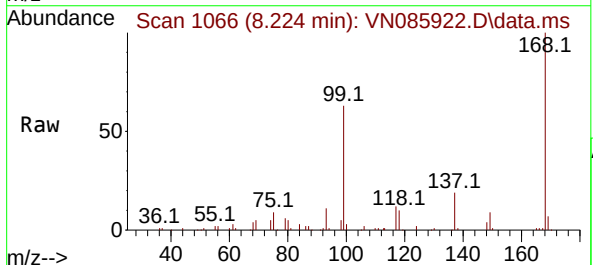


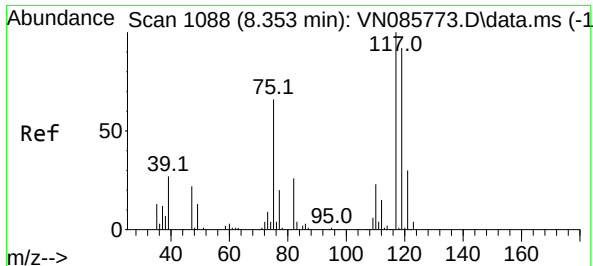
Tgt Ion:113 Resp: 111966
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.0 14.7 22.1



#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

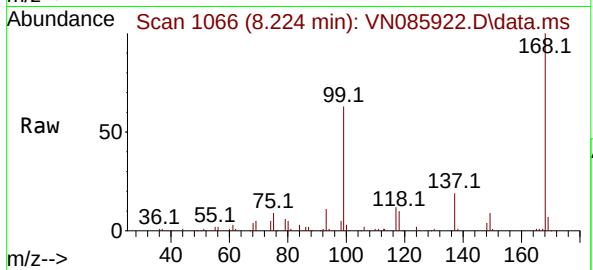
Tgt Ion: 75 Resp: 15562
Ion Ratio Lower Upper
75 100
110 8.0 17.3 52.0#
77 0.0 24.6 37.0#



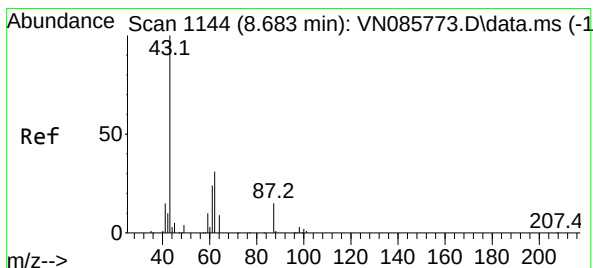
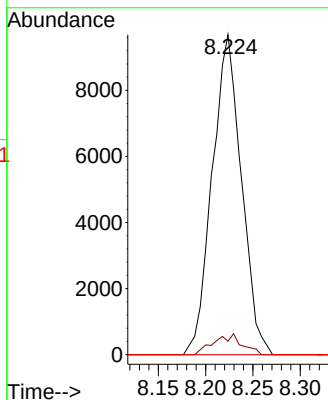
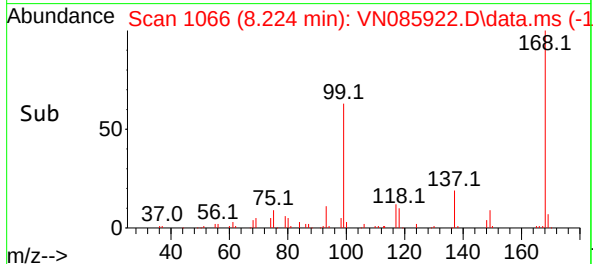


#38
Carbon Tetrachloride
Concen: 5.497 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.130 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

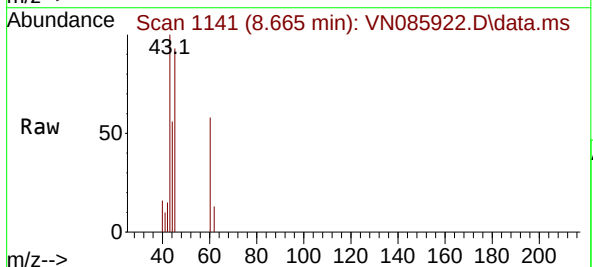
Instrument :
MSVOA_N
ClientSampleId :



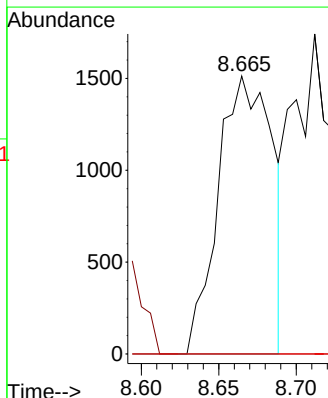
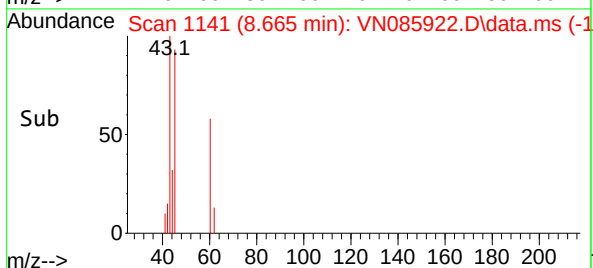
Tgt Ion:117 Resp: 20798
Ion Ratio Lower Upper
117 100
119 4.2 73.8 110.6#
121 0.0 24.3 36.5#

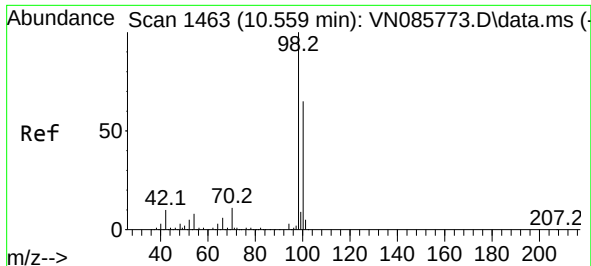


#43
Isopropyl Acetate
Concen: 0.254 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.018 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23



Tgt Ion: 43 Resp: 3667
Ion Ratio Lower Upper
43 100
61 0.0 22.6 34.0#
87 0.0 11.8 17.8#

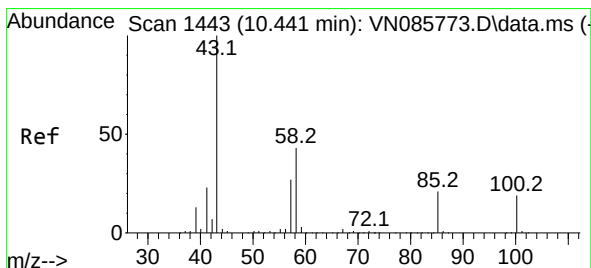
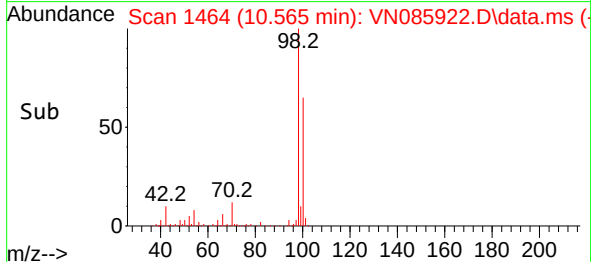
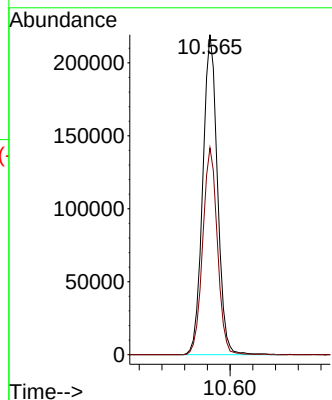
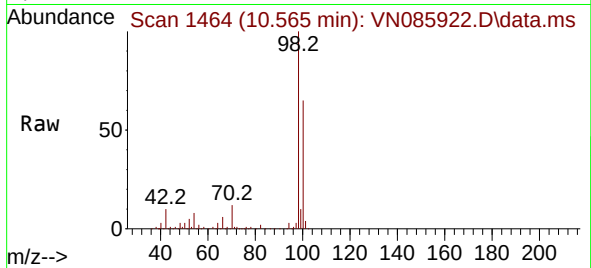




#50
Toluene-d8
Concen: 47.991 ug/l
RT: 10.565 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

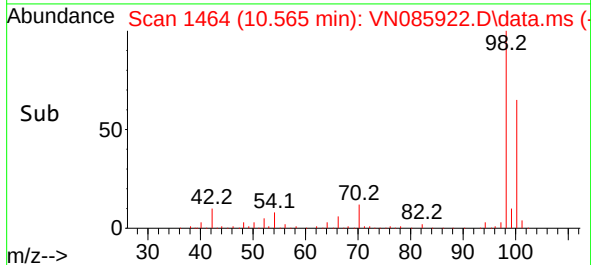
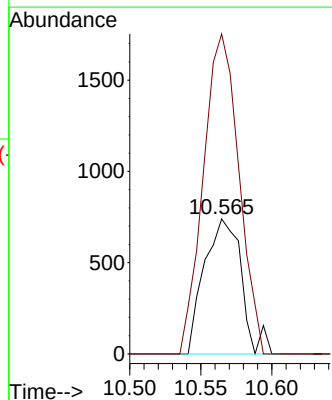
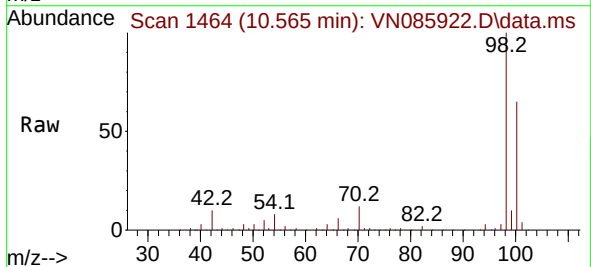
Instrument :
MSVOA_N
ClientSampleId :

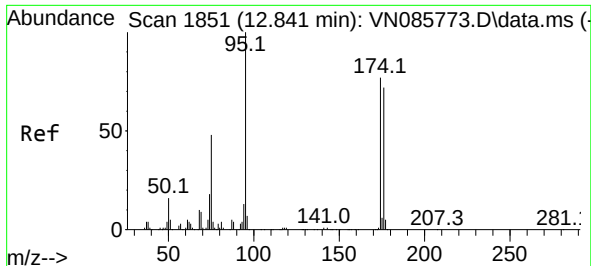
Tgt Ion: 98 Resp: 392872
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
58 227.9 34.6 52.0#

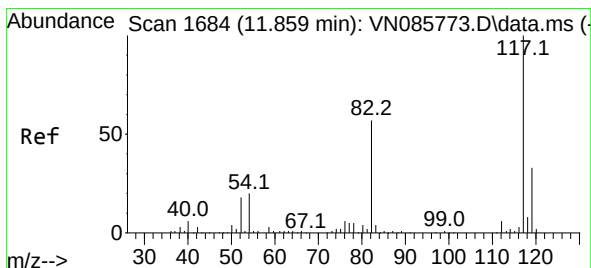
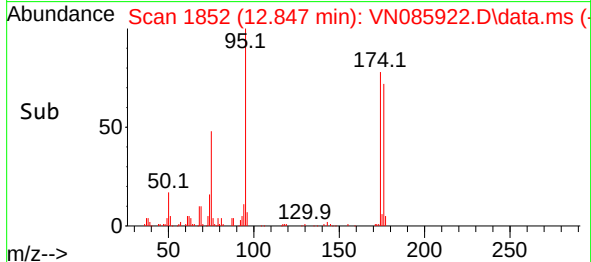
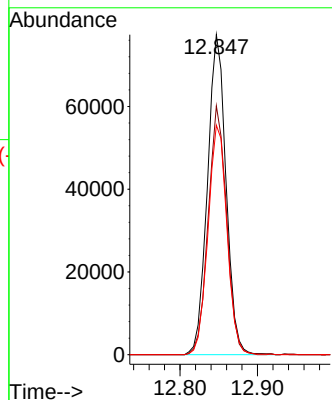
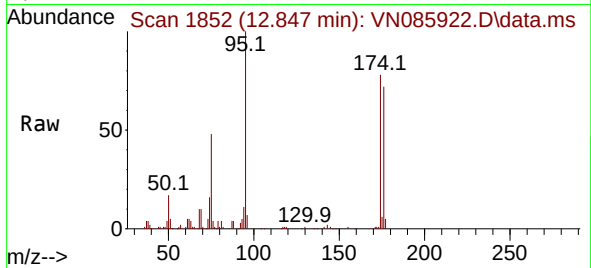




#62
4-Bromofluorobenzene
Concen: 47.718 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

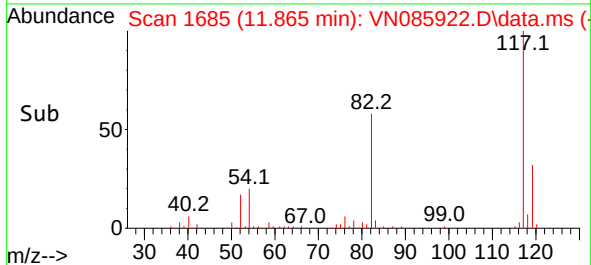
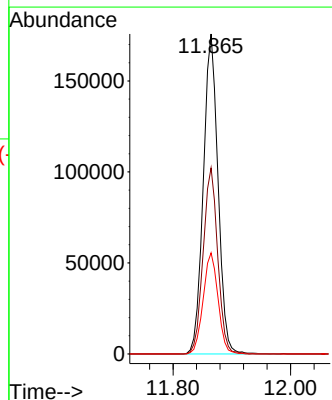
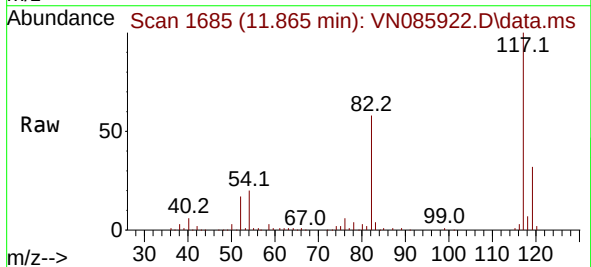
Instrument :
MSVOA_N
ClientSampleId :

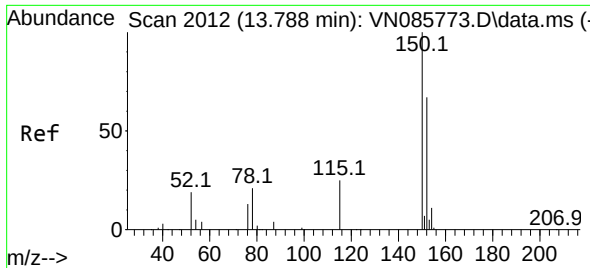
Tgt Ion: 95 Resp: 128707
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.4
176 73.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

Tgt Ion: 117 Resp: 305300
Ion Ratio Lower Upper
117 100
82 58.2 45.7 68.5
119 31.6 26.2 39.2

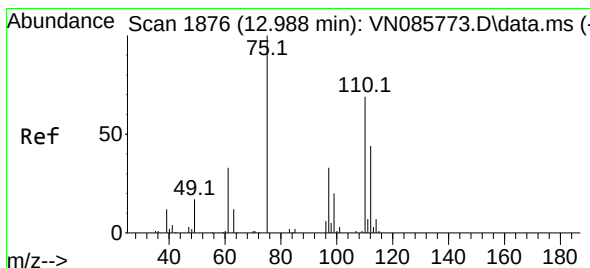
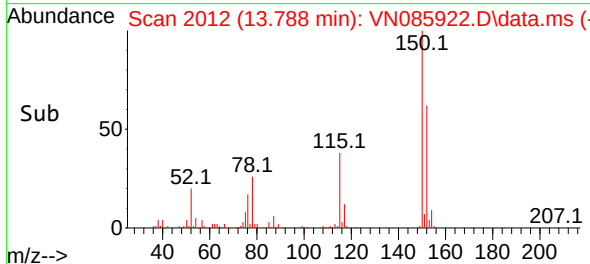
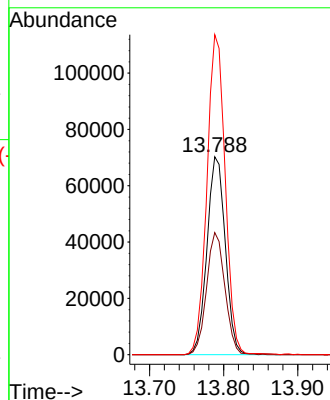
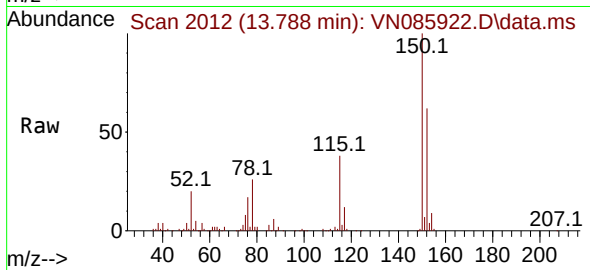




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085922.D
 Acq: 10 Mar 2025 18:23

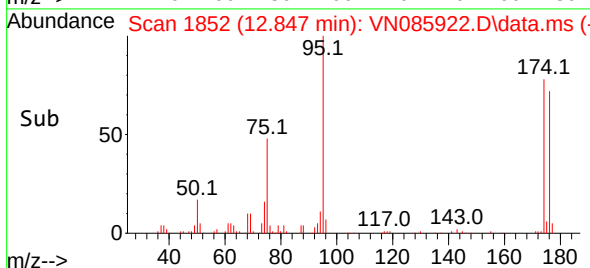
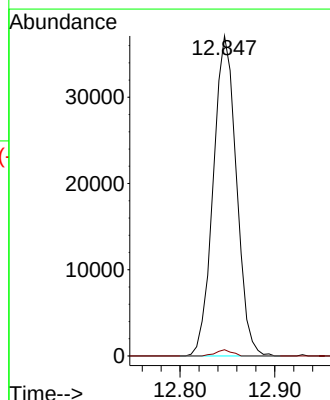
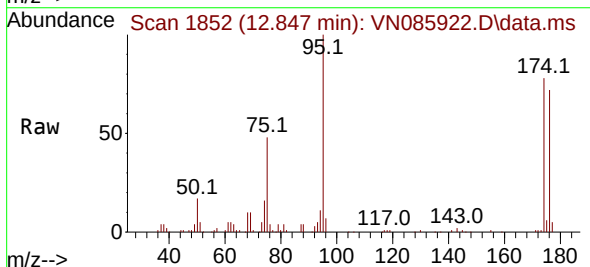
Instrument :
 MSVOA_N
 ClientSampleId :

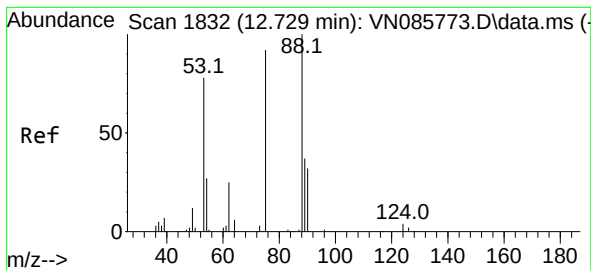
Tgt Ion:152 Resp: 121043
 Ion Ratio Lower Upper
 152 100
 115 61.7 30.4 91.3
 150 160.6 0.0 345.4



#76
 1,2,3-Trichloropropane
 Concen: 23.453 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085922.D
 Acq: 10 Mar 2025 18:23

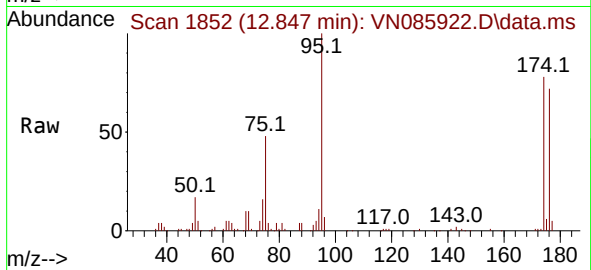
Tgt Ion: 75 Resp: 63060
 Ion Ratio Lower Upper
 75 100
 77 1.4 100.0 300.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.430 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN085922.D
Acq: 10 Mar 2025 18:23

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 63060
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.9 52.3#

