

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085500.D
 Acq On : 17 Jan 2025 18:00
 Operator : JC\MD
 Sample : Q1124-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 17 22:40:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

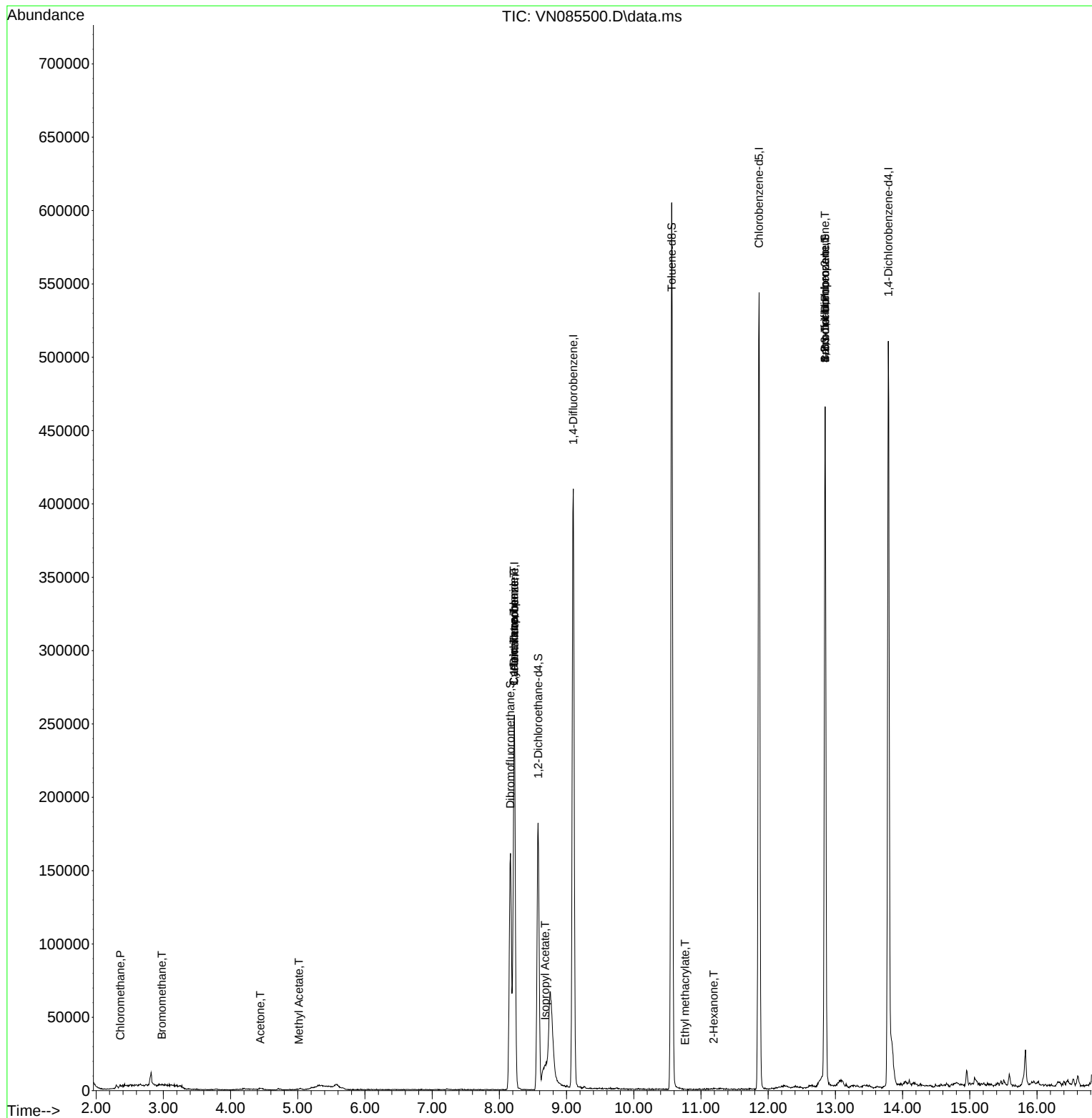
Internal Standards						
1) Pentafluorobenzene	8.224	168	170126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154597	56.295	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.600%	
35) Dibromofluoromethane	8.165	113	112744	48.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.080%	
50) Toluene-d8	10.565	98	392284	47.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.080%	
62) 4-Bromofluorobenzene	12.847	95	149552	52.980	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.960%	
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	674	0.270	ug/l	89
5) Bromomethane	2.977	94	356	0.235	ug/l #	5
16) Acetone	4.442	43	1297	1.462	ug/l #	45
18) Methyl Acetate	5.018	43	1650	0.612	ug/l #	52
31) Cyclohexane	8.218	56	4881	1.400	ug/l #	22
36) 1,1-Dichloropropene	8.218	75	16919	5.190	ug/l #	52
38) Carbon Tetrachloride	8.218	117	18787	5.034	ug/l #	19
43) Isopropyl Acetate	8.682	43	17895	3.394	ug/l #	55
56) Ethyl methacrylate	10.765	69	121	1.962	ug/l #	61
59) 2-Hexanone	11.188	43	622	0.289	ug/l #	26
71) Bromoform	12.847	173	1182	0.699	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	85845	33.518	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	85845	90.686	ug/l #	3

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

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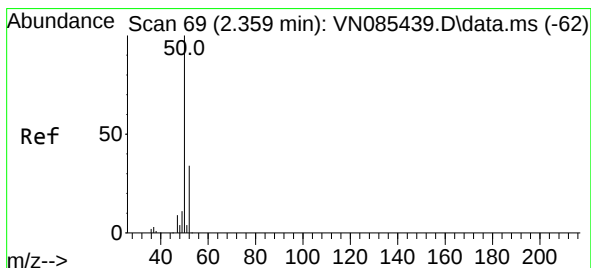
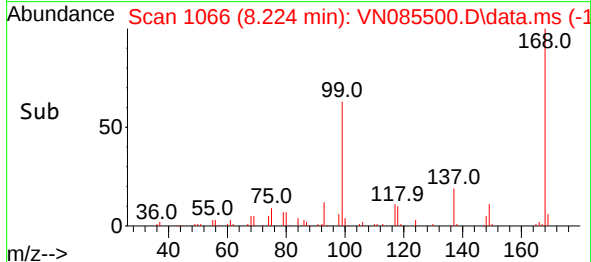
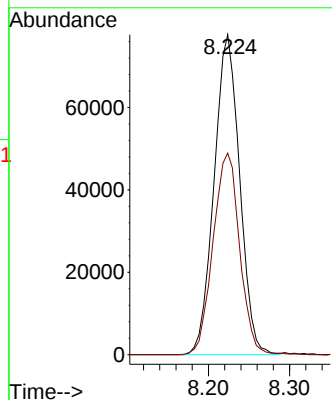
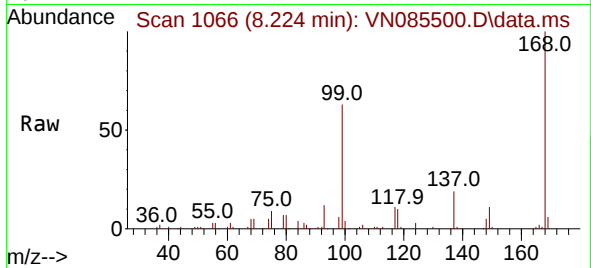




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

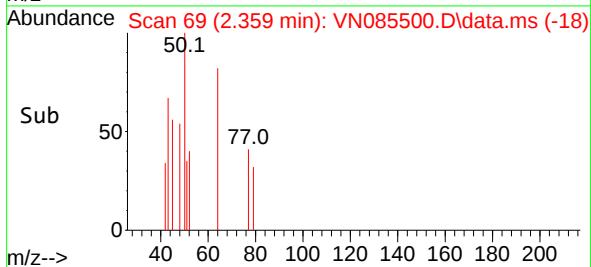
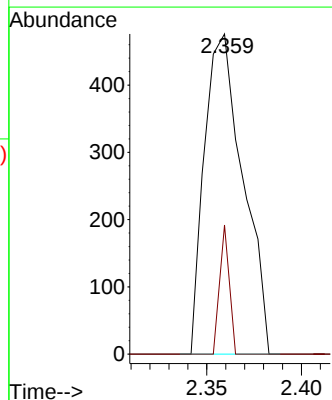
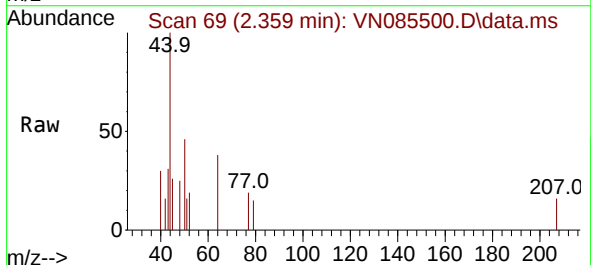
Instrument :
MSVOA_N
ClientSampleId :
IBLK

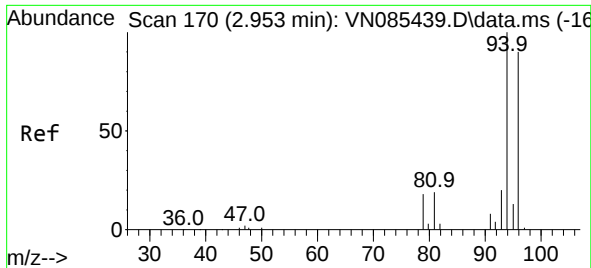
Tgt Ion:168 Resp: 170126
Ion Ratio Lower Upper
168 100
99 63.0 53.6 80.4



#3
Chloromethane
Concen: 0.270 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

Tgt Ion: 50 Resp: 674
Ion Ratio Lower Upper
50 100
52 40.3 27.0 40.6

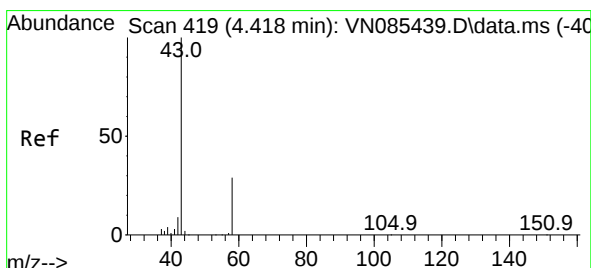
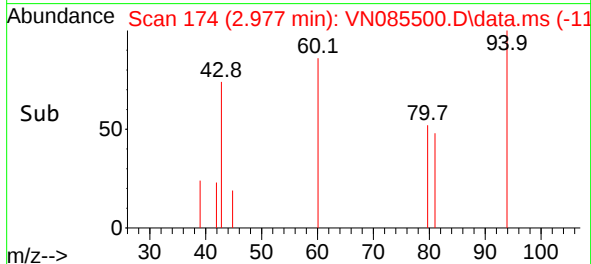
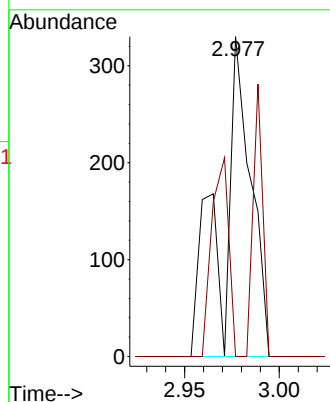
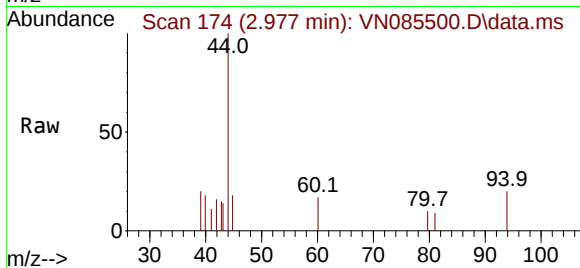




#5
Bromomethane
Concen: 0.235 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

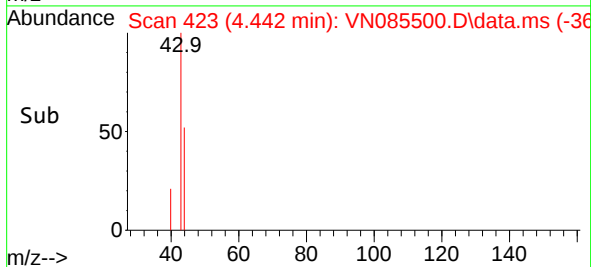
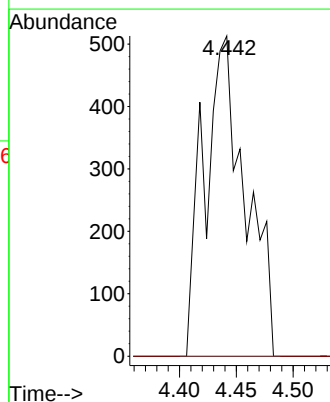
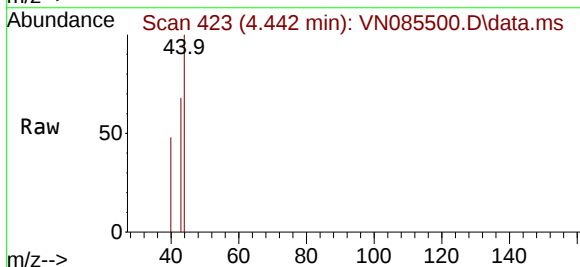
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 94 Resp: 356
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#



#16
Acetone
Concen: 1.462 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.023 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

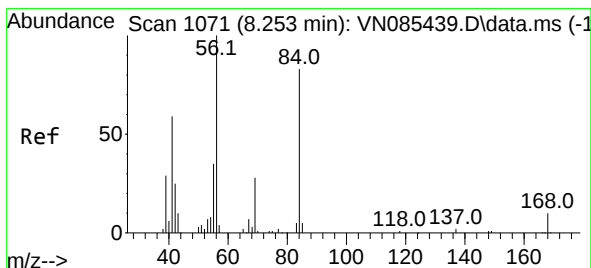
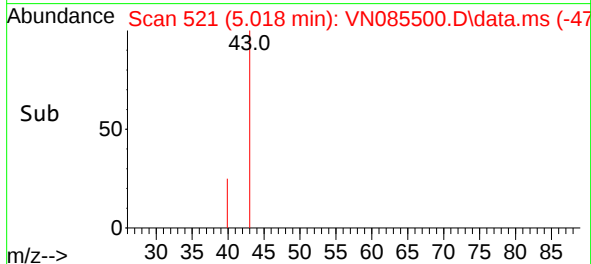
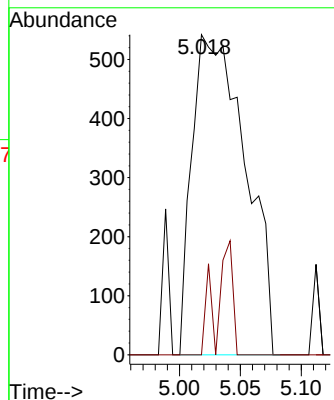
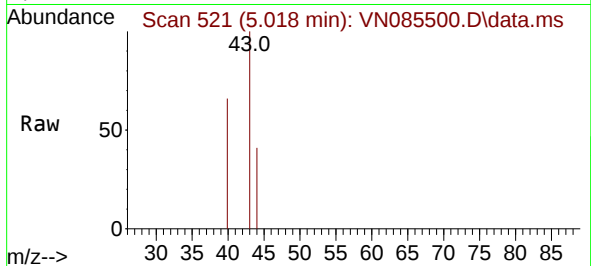




#18
Methyl Acetate
Concen: 0.612 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

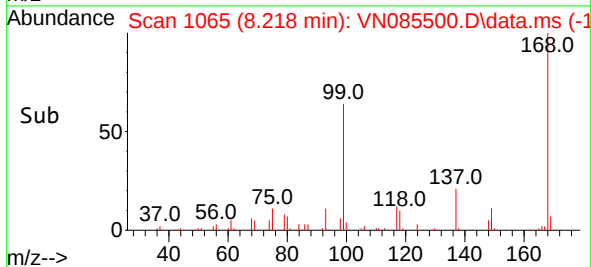
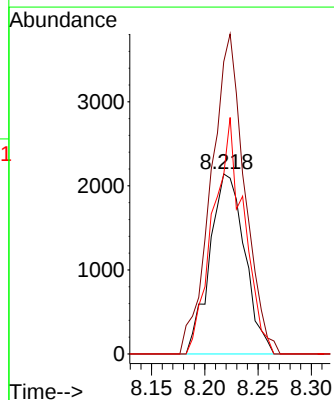
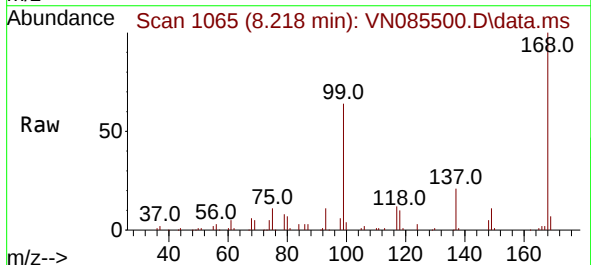
Instrument :
MSVOA_N
ClientSampleId :
IBLK

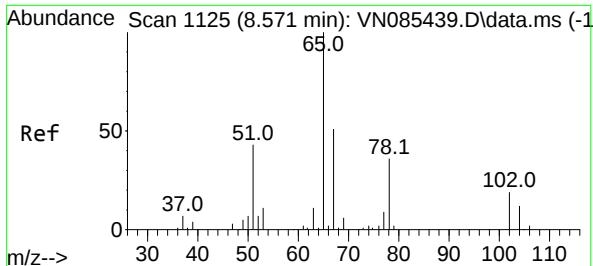
Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#31
Cyclohexane
Concen: 1.400 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

Tgt Ion: 56 Resp: 4881
Ion Ratio Lower Upper
56 100
69 162.2 22.2 33.4#
84 99.4 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 56.295 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085500.D

Acq: 17 Jan 2025 18:00

Instrument :

MSVOA_N

ClientSampleId :

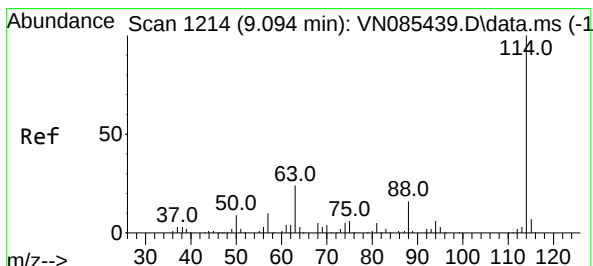
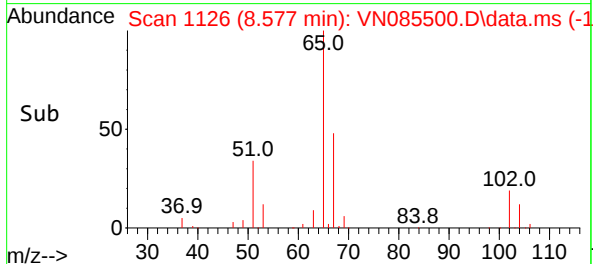
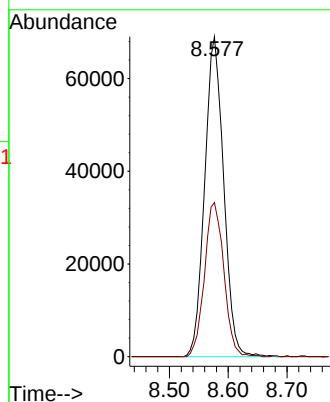
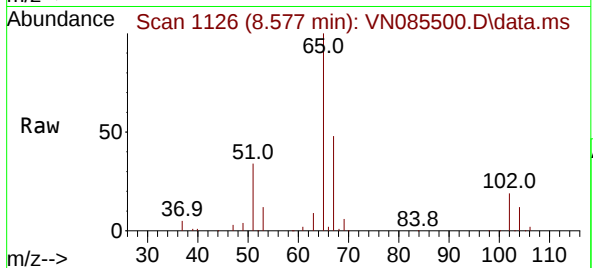
IBLK

Tgt Ion: 65 Resp: 154597

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085500.D

Acq: 17 Jan 2025 18:00

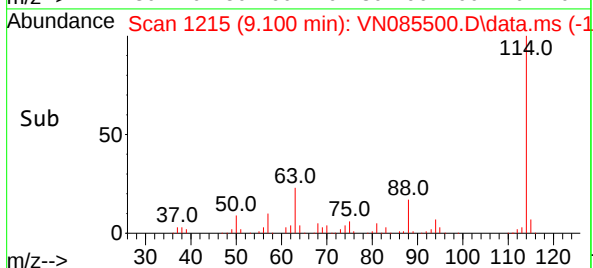
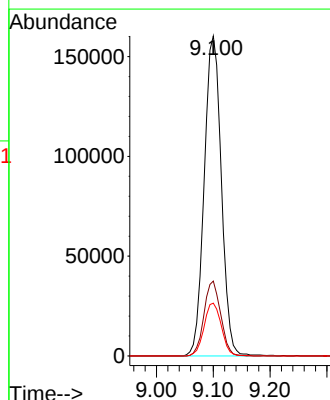
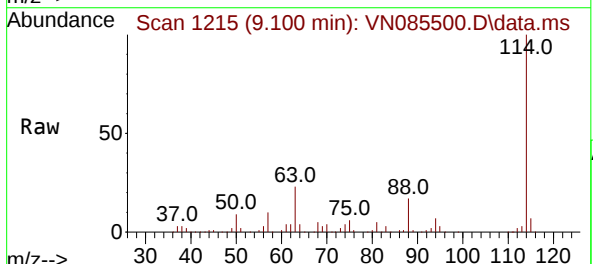
Tgt Ion: 114 Resp: 334783

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.6

88 16.5 0.0 32.6

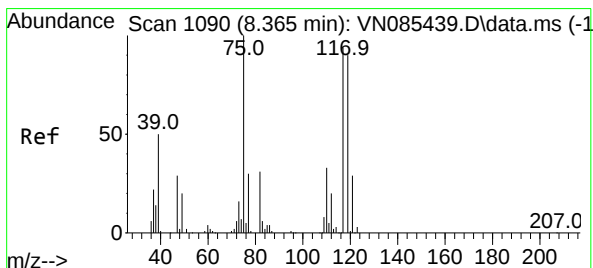
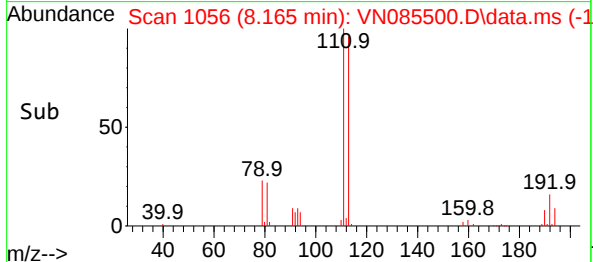
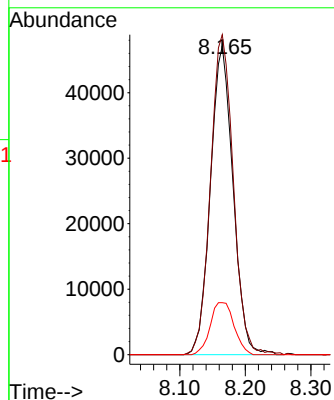
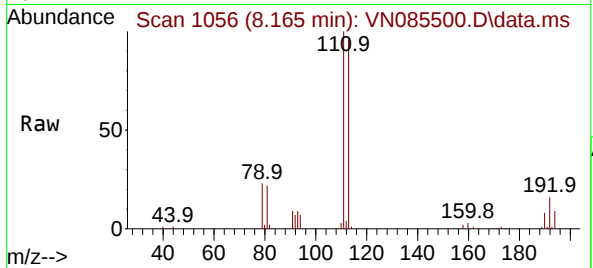




#35
Dibromofluoromethane
Concen: 48.543 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

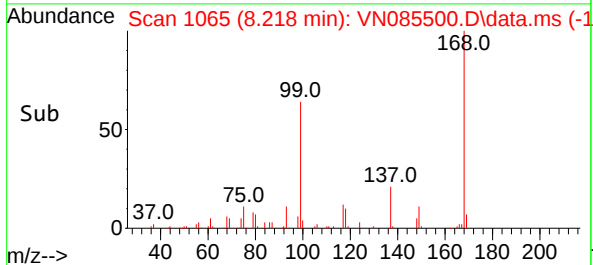
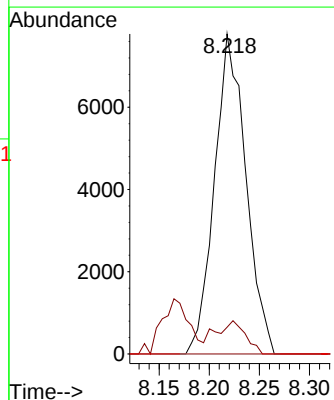
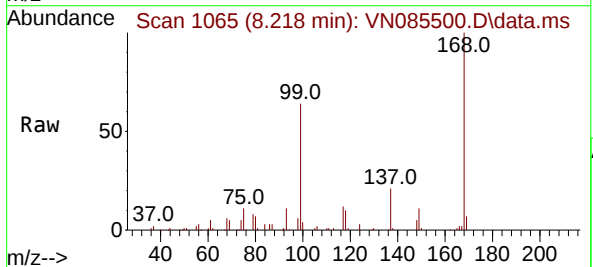
Instrument :
MSVOA_N
ClientSampleId :
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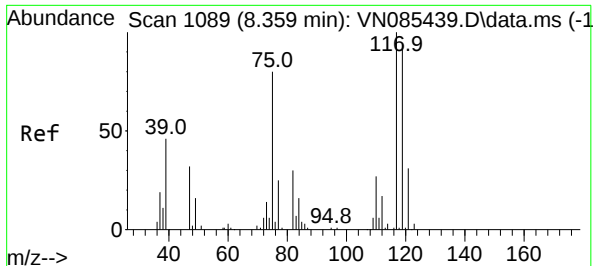
Tgt Ion:113 Resp: 112744
Ion Ratio Lower Upper
113 100
111 104.4 82.7 124.1
192 17.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.190 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

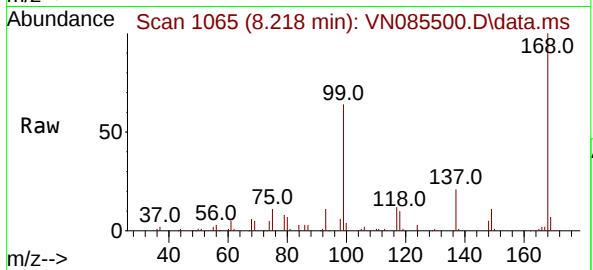
Tgt Ion: 75 Resp: 16919
Ion Ratio Lower Upper
75 100
110 9.9 16.5 49.5#
77 0.0 24.4 36.6#



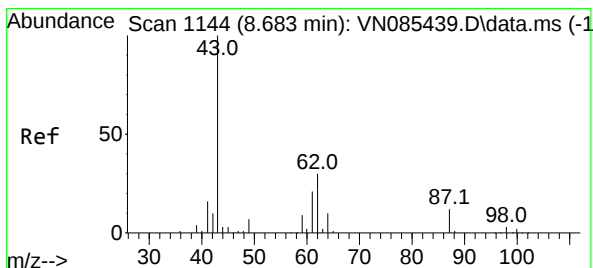
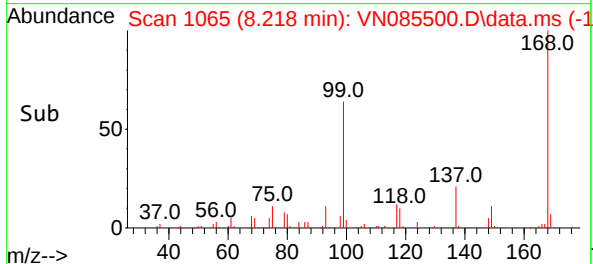
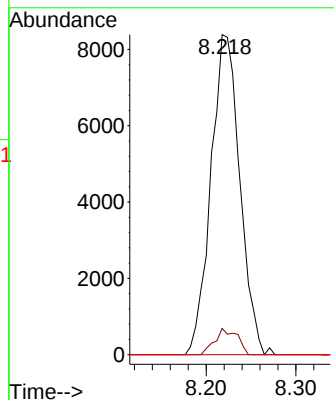


#38
Carbon Tetrachloride
Concen: 5.034 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

Instrument :
MSVOA_N
ClientSampleId :
IBLK

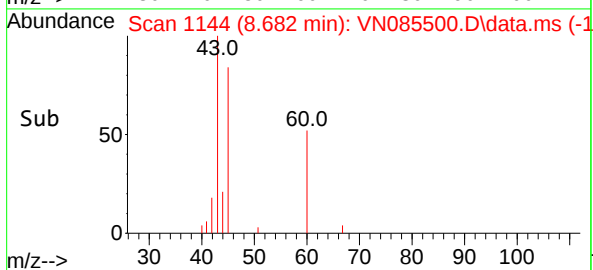
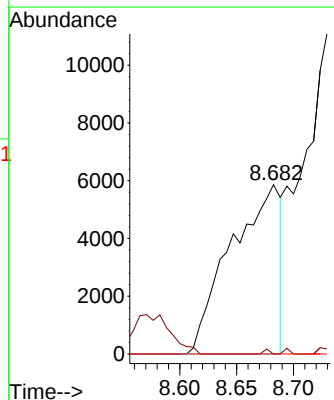
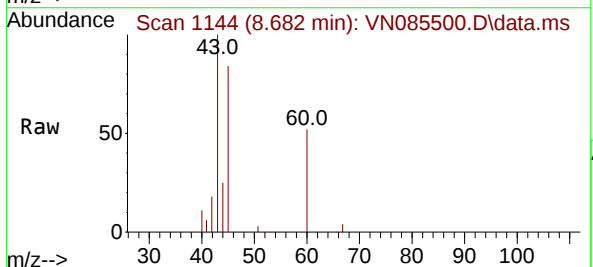


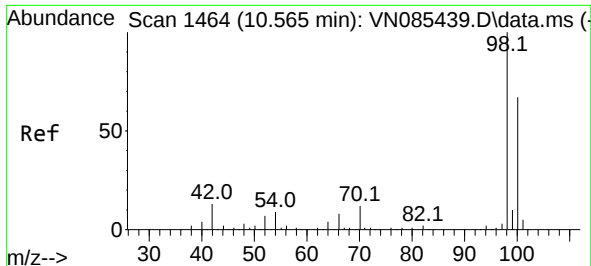
Tgt Ion:117 Resp: 18787
Ion Ratio Lower Upper
117 100
119 8.2 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 3.394 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

Tgt Ion: 43 Resp: 17895
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

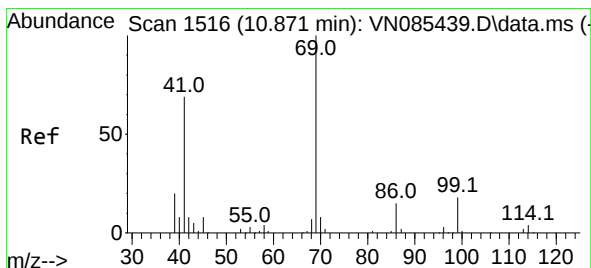
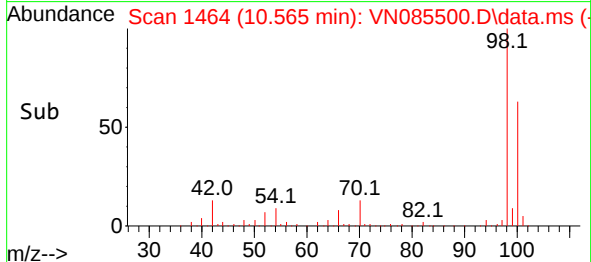
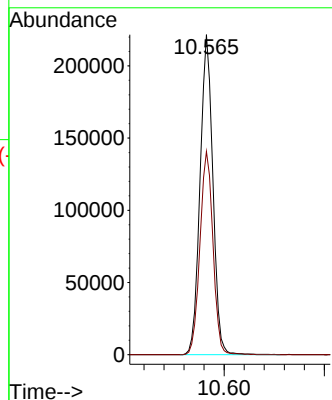
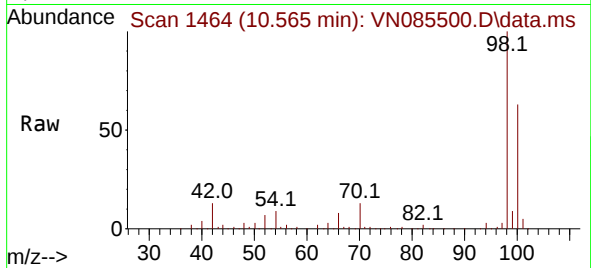




#50
Toluene-d8
Concen: 47.538 ug/l
RT: 10.565 min Scan# 1498
Delta R.T. -0.000 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

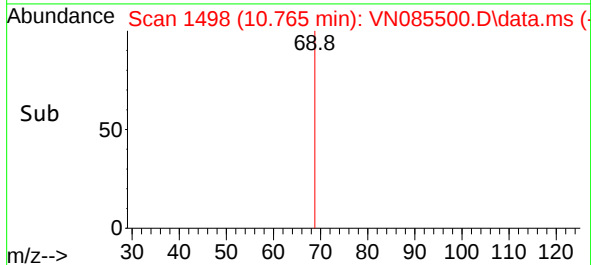
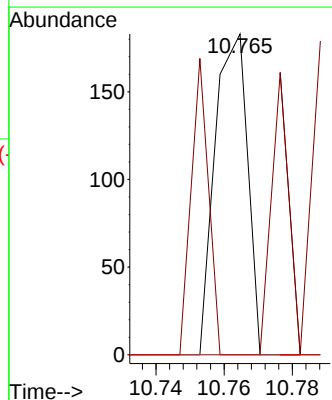
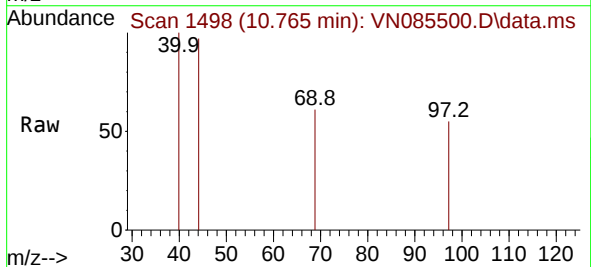
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MSVOA_N
ClientSampleId :
IBLK

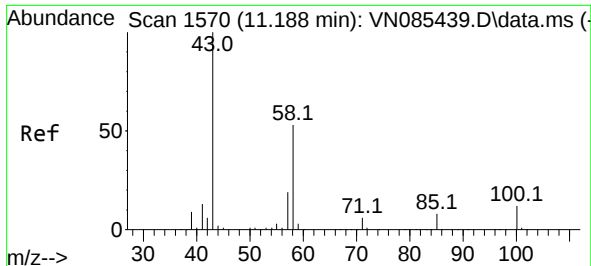
Tgt Ion: 98 Resp: 392284
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#56
Ethyl methacrylate
Concen: 1.962 ug/l
RT: 10.765 min Scan# 1498
Delta R.T. -0.106 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

Tgt Ion: 69 Resp: 121
Ion Ratio Lower Upper
69 100
41 49.6 54.6 82.0#
39 0.0 32.4 48.6#

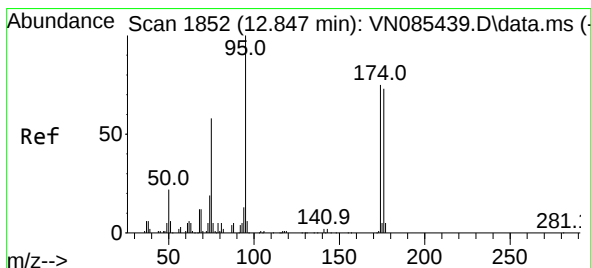
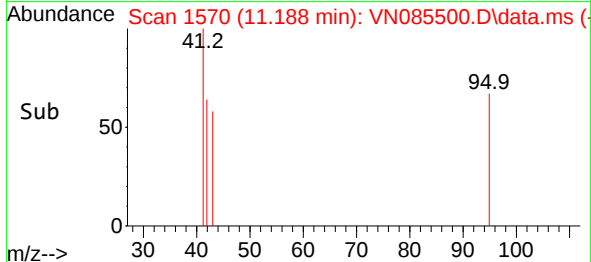
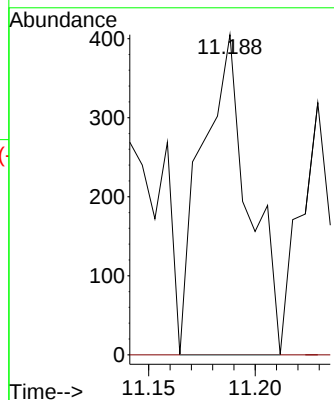
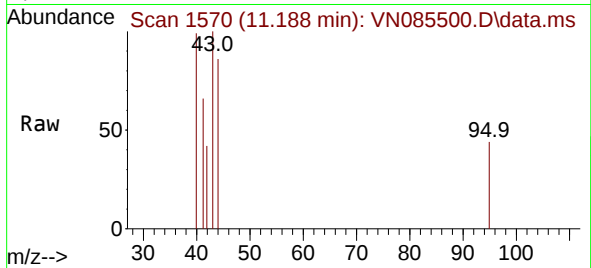




#59
2-Hexanone
Concen: 0.289 ug/l
RT: 11.188 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

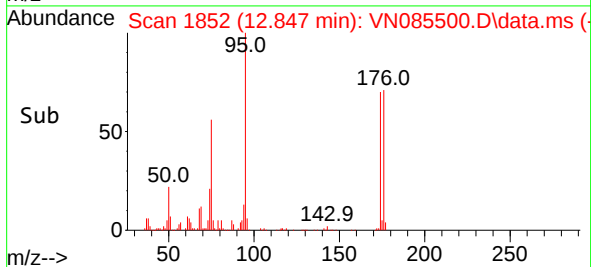
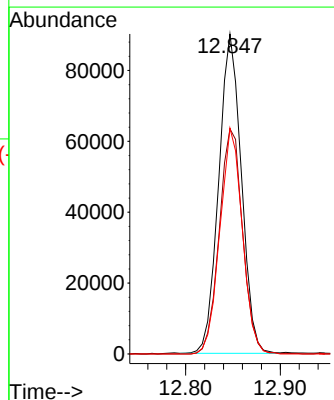
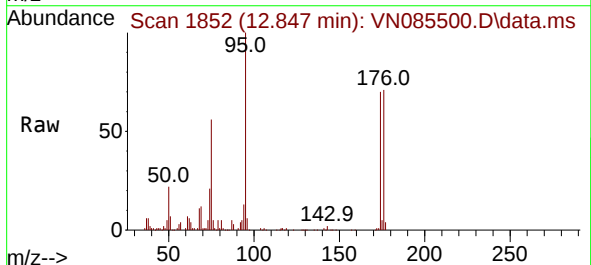
Instrument :
MSVOA_N
ClientSampleId :
IBLK

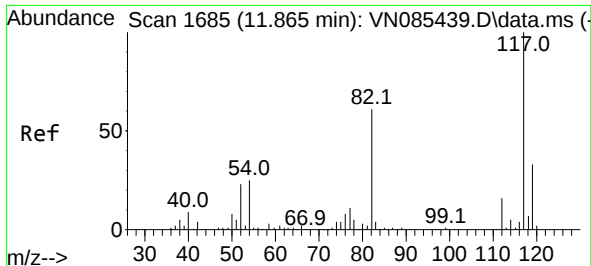
Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.6#



#62
4-Bromofluorobenzene
Concen: 52.980 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

Tgt Ion: 95 Resp: 149552
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.0
176 70.2 0.0 142.4

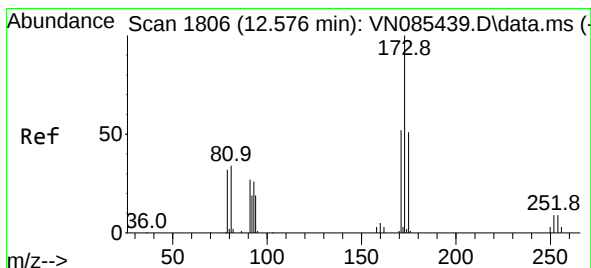
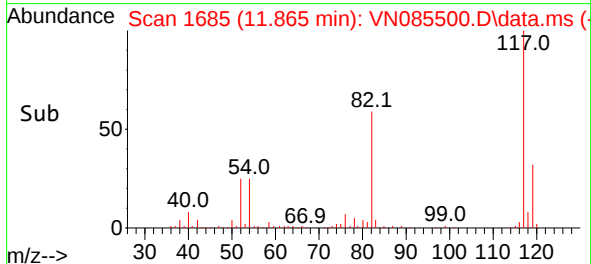
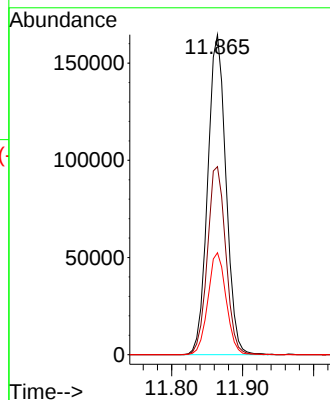
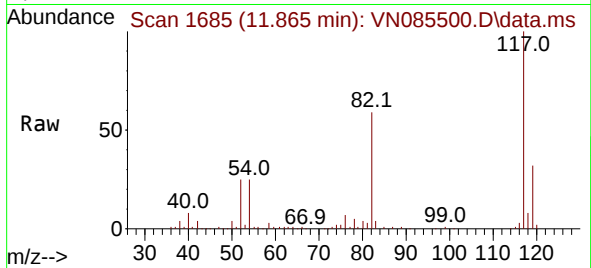




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

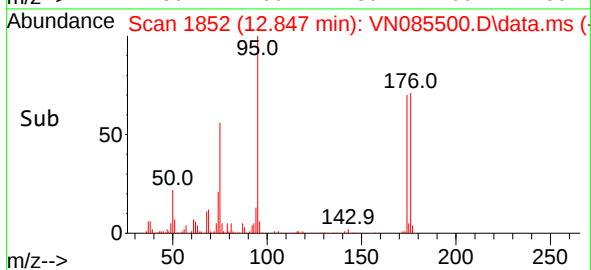
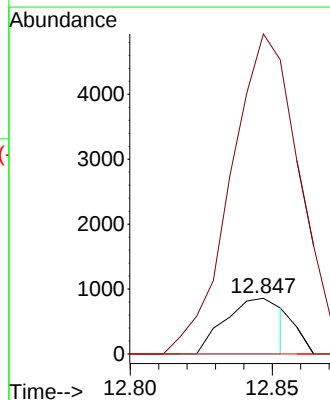
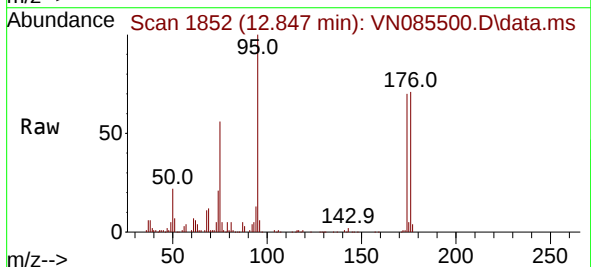
Instrument :
MSVOA_N
ClientSampleId :
IBLK

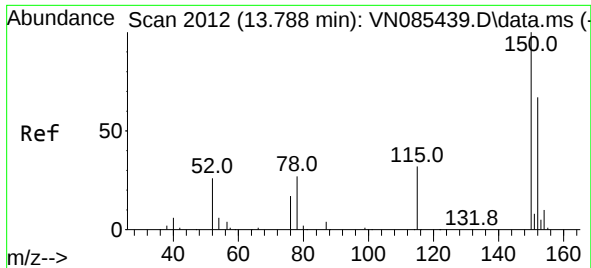
Tgt Ion:117 Resp: 294090
Ion Ratio Lower Upper
117 100
82 58.7 48.6 72.8
119 31.8 26.6 39.8



#71
Bromoform
Concen: 0.699 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

Tgt Ion:173 Resp: 1182
Ion Ratio Lower Upper
173 100
175 543.4 24.4 73.2#
254 0.0 0.0 0.0

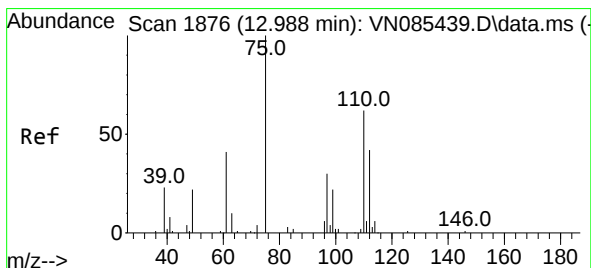
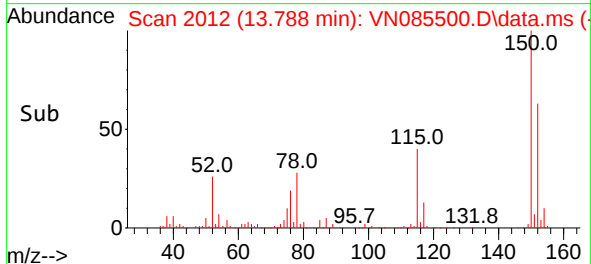
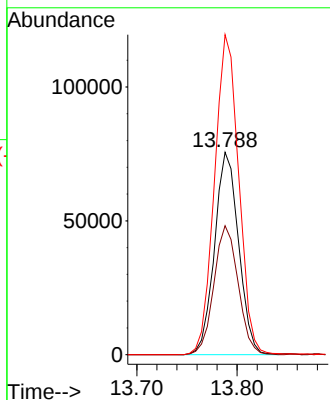
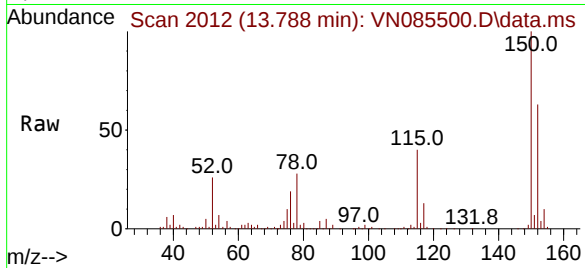




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

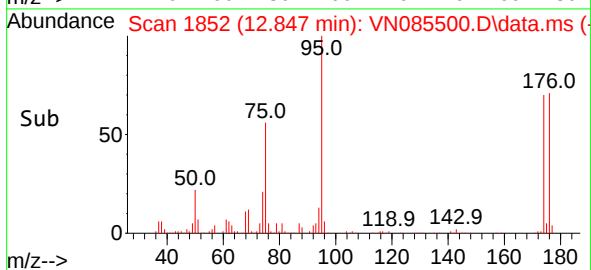
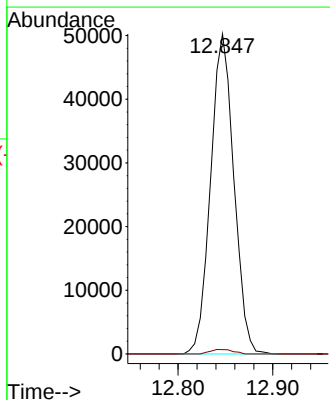
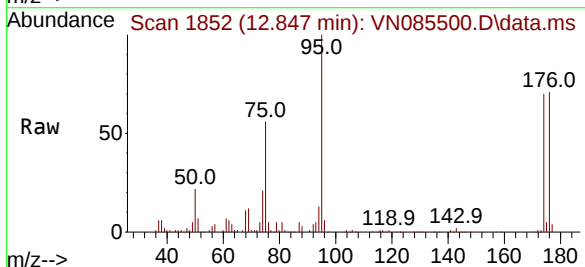
Instrument :
MSVOA_N
ClientSampleId :
IBLK

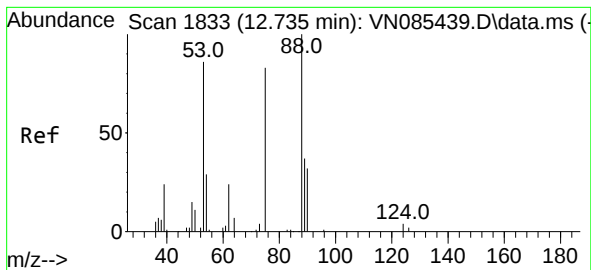
Tgt Ion:152 Resp: 126008
Ion Ratio Lower Upper
152 100
115 64.1 31.1 93.3
150 159.4 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 33.518 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085500.D
Acq: 17 Jan 2025 18:00

Tgt Ion: 75 Resp: 85845
Ion Ratio Lower Upper
75 100
77 1.4 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.686 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085500.D
 Acq: 17 Jan 2025 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 85845
 Ion Ratio Lower Upper
 75 100
 53 0.2 95.6 143.4#
 89 0.0 37.0 55.6#

