

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085686.D
 Acq On : 05 Feb 2025 18:47
 Operator : JC\MD
 Sample : Q1287-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BAY-DRUMS-D

Quant Time: Feb 06 00:46:06 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)

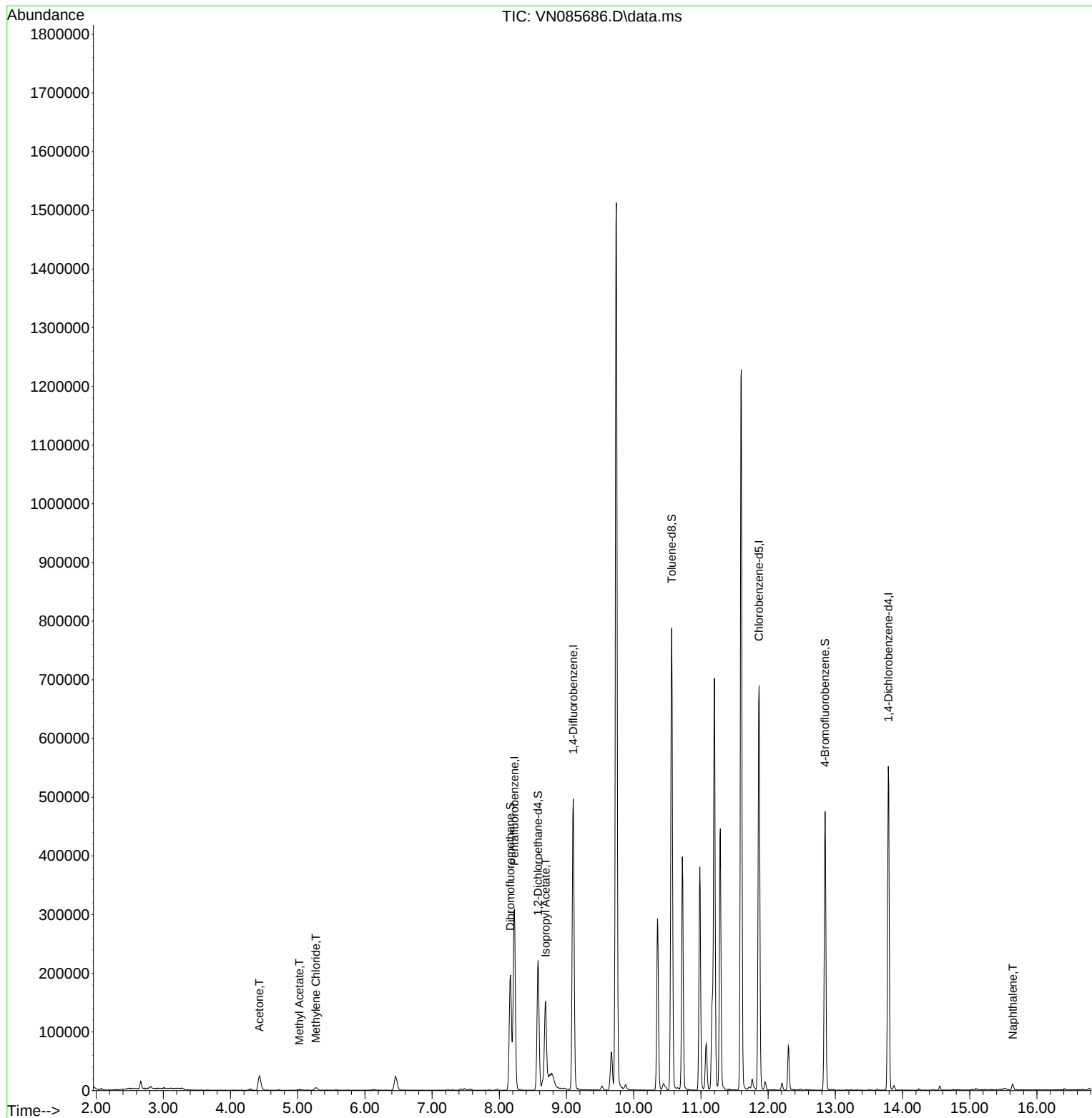
Internal Standards						
1) Pentafluorobenzene	8.224	168	214897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	421189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	392624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	176929	51.005	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 102.000%		
35) Dibromofluoromethane	8.165	113	143588	49.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 98.280%		
50) Toluene-d8	10.565	98	545550	52.548	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 105.100%		
62) 4-Bromofluorobenzene	12.847	95	166055	46.758	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 93.520%		
Target Compounds						Qvalue
16) Acetone	4.430	43	47416	42.305	ug/l	90
18) Methyl Acetate	5.024	43	3526	1.035	ug/l #	72
20) Methylene Chloride	5.271	84	3746	1.350	ug/l #	74
43) Isopropyl Acetate	8.688	43	182895	27.575	ug/l #	87
95) Naphthalene	15.641	128	11231	1.691	ug/l	97

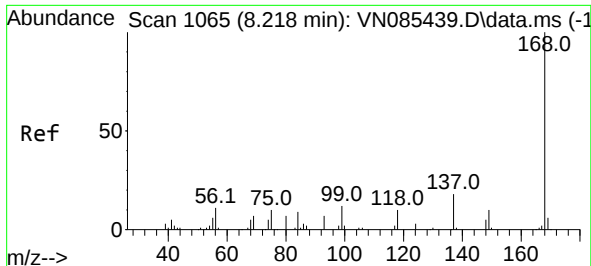
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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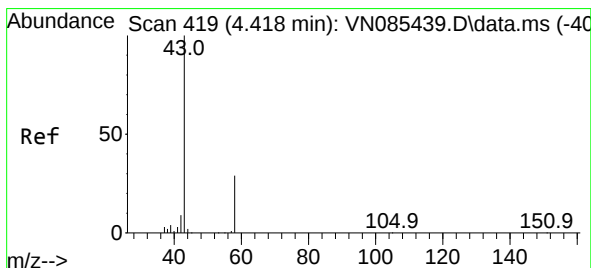
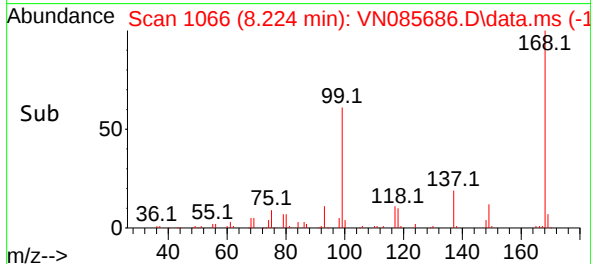
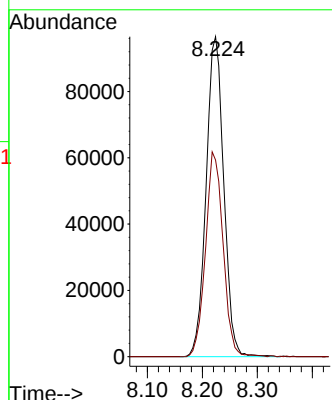
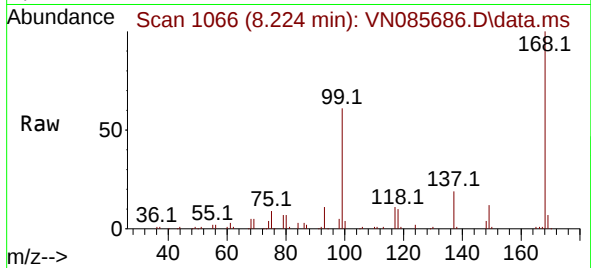




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085686.D
Acq: 05 Feb 2025 18:47

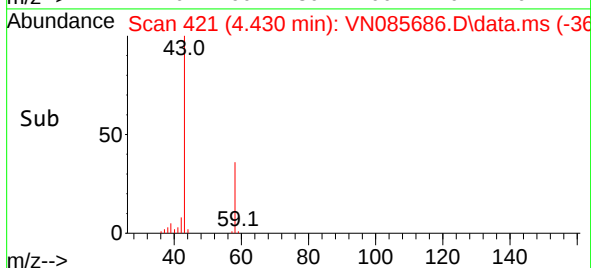
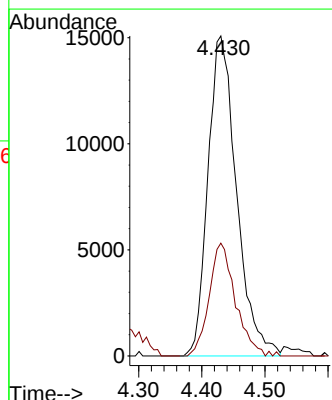
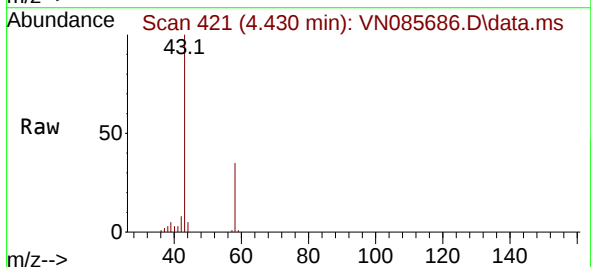
Instrument :
MSVOA_N
ClientSampleId :
BAY-DRUMS-D

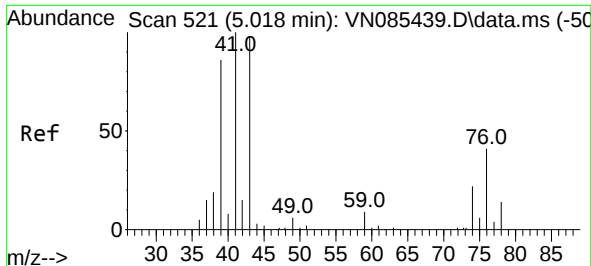
Tgt Ion:168 Resp: 214897
Ion Ratio Lower Upper
168 100
99 61.5 53.6 80.4



#16
Acetone
Concen: 42.305 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085686.D
Acq: 05 Feb 2025 18:47

Tgt Ion: 43 Resp: 47416
Ion Ratio Lower Upper
43 100
58 35.2 23.8 35.6

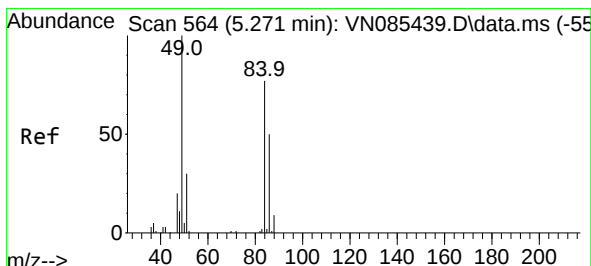
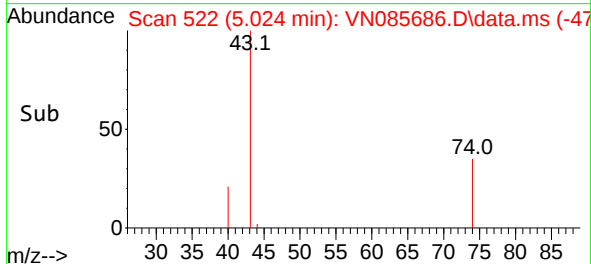
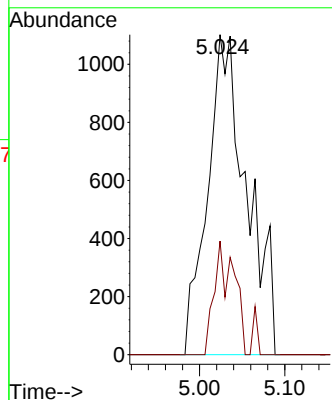
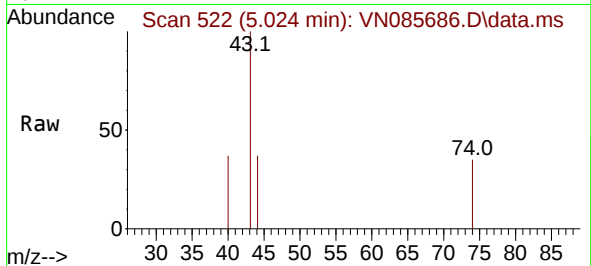




#18
Methyl Acetate
Concen: 1.035 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085686.D
Acq: 05 Feb 2025 18:47

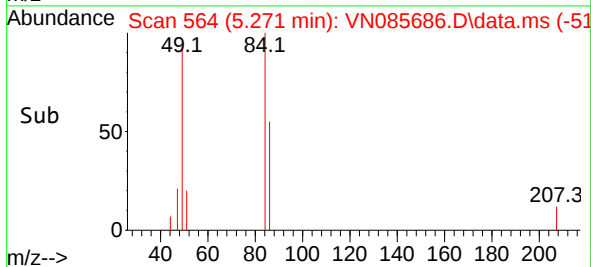
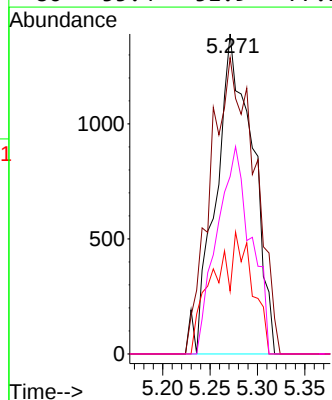
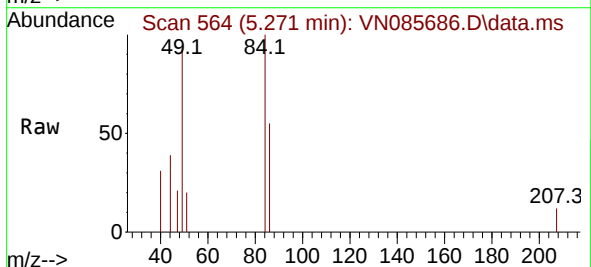
Instrument :
MSVOA_N
ClientSampleId :
BAY-DRUMS-D

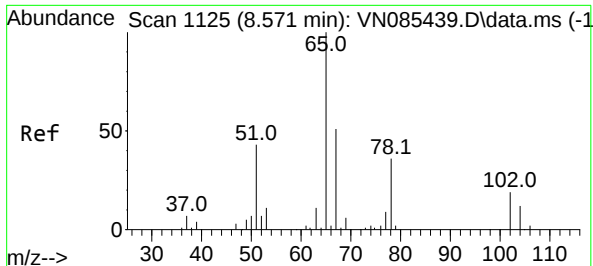
Tgt Ion: 43 Resp: 3526
Ion Ratio Lower Upper
43 100
74 9.6 18.6 28.0#



#20
Methylene Chloride
Concen: 1.350 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085686.D
Acq: 05 Feb 2025 18:47

Tgt Ion: 84 Resp: 3746
Ion Ratio Lower Upper
84 100
49 92.6 104.1 156.1#
51 19.6 31.0 46.4#
86 55.4 51.9 77.9

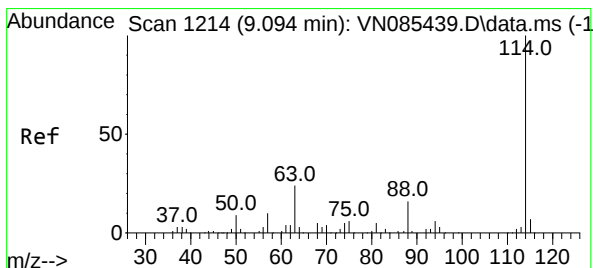
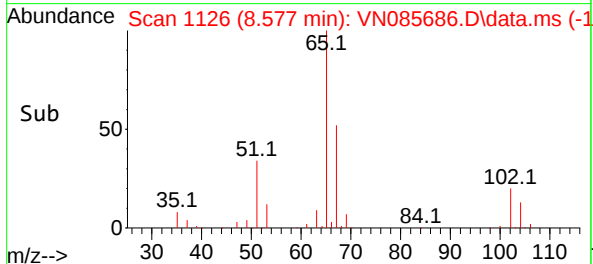
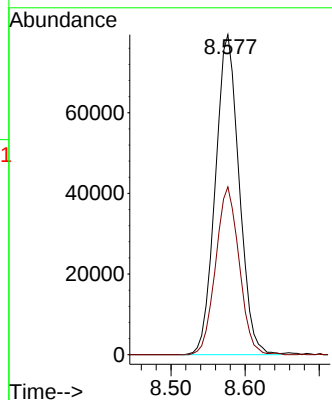
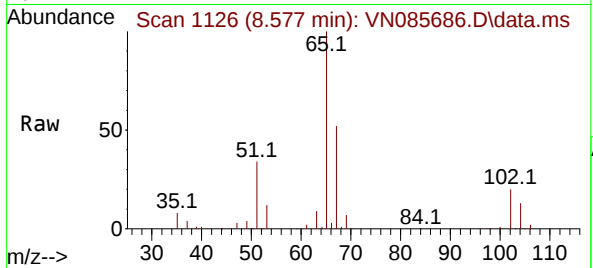




#33
 1,2-Dichloroethane-d4
 Concen: 51.005 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085686.D
 Acq: 05 Feb 2025 18:47

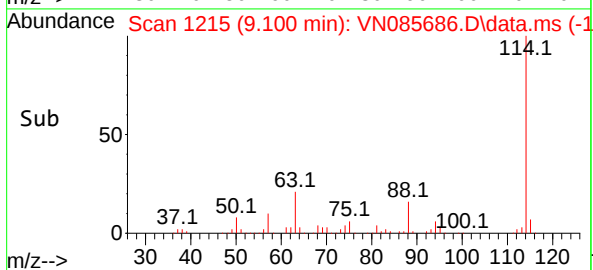
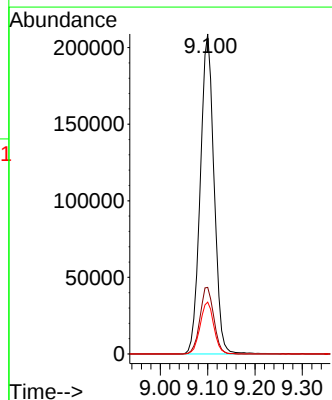
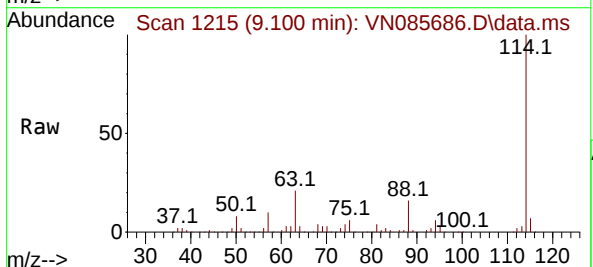
Instrument :
 MSVOA_N
 ClientSampleId :
 BAY-DRUMS-D

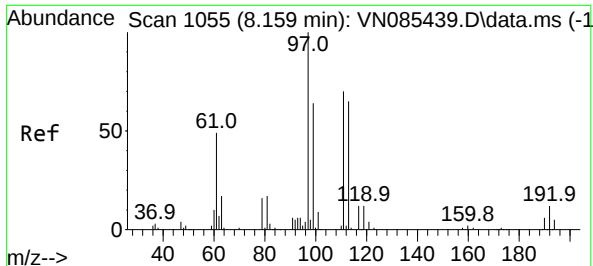
Tgt Ion: 65 Resp: 176929
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085686.D
 Acq: 05 Feb 2025 18:47

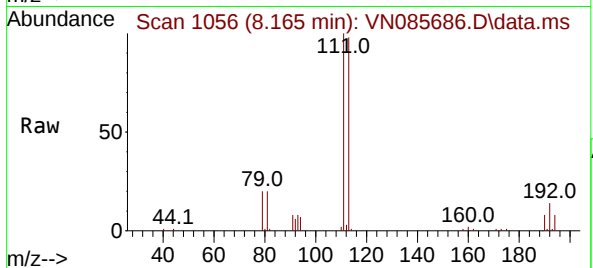
Tgt Ion: 114 Resp: 421189
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 47.6
 88 16.2 0.0 32.6



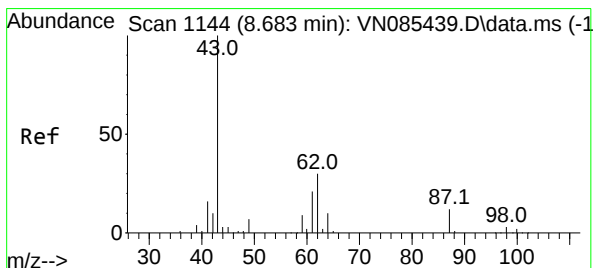
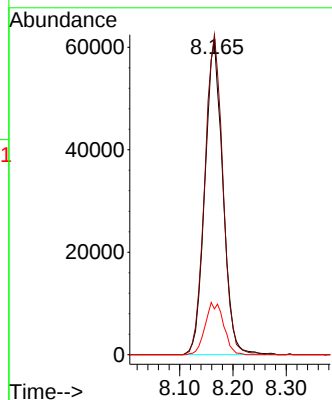
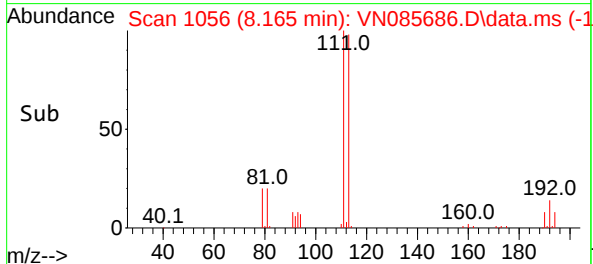


#35
Dibromofluoromethane
Concen: 49.140 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085686.D
Acq: 05 Feb 2025 18:47

Instrument :
MSVOA_N
ClientSampleId :
BAY-DRUMS-D

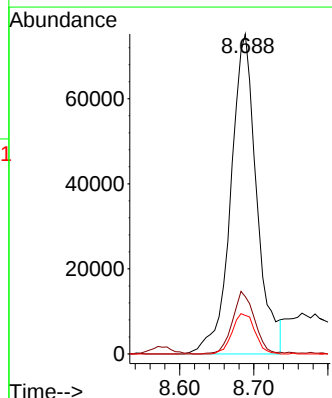
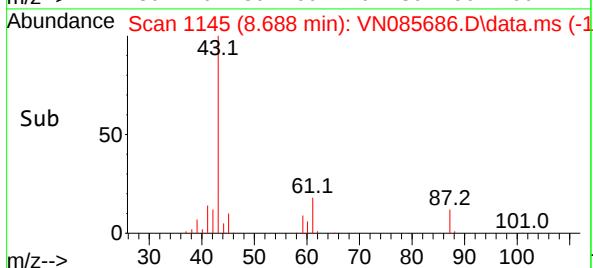
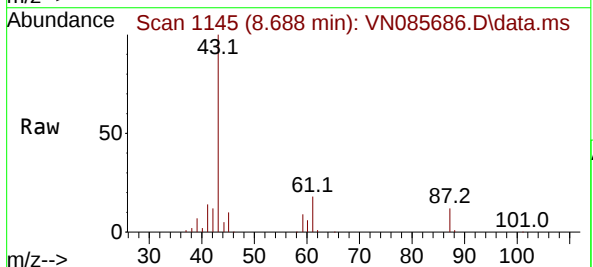


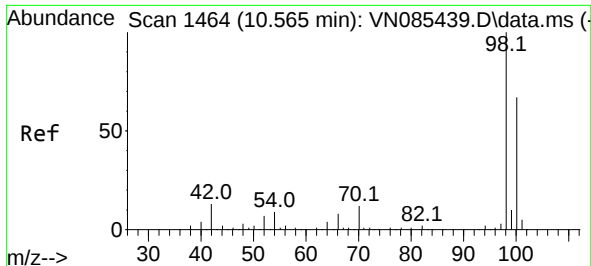
Tgt Ion:113 Resp: 143588
Ion Ratio Lower Upper
113 100
111 102.7 82.7 124.1
192 17.2 14.3 21.5



#43
Isopropyl Acetate
Concen: 27.575 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085686.D
Acq: 05 Feb 2025 18:47

Tgt Ion: 43 Resp: 182895
Ion Ratio Lower Upper
43 100
61 16.7 20.7 31.1#
87 11.0 9.8 14.8

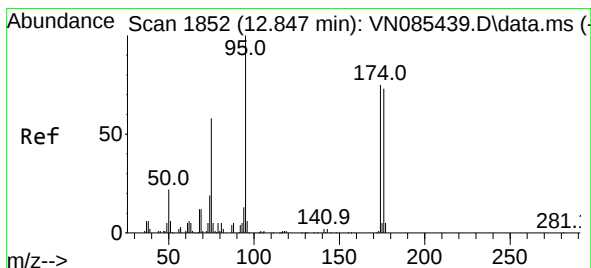
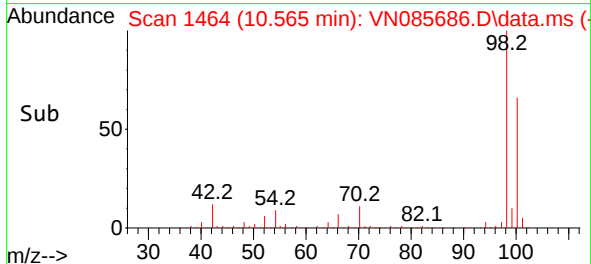
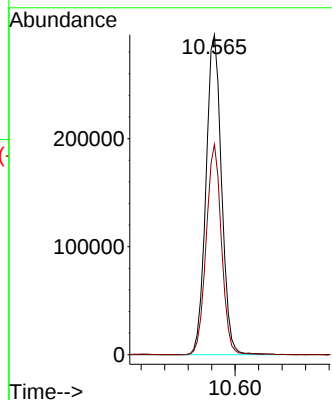
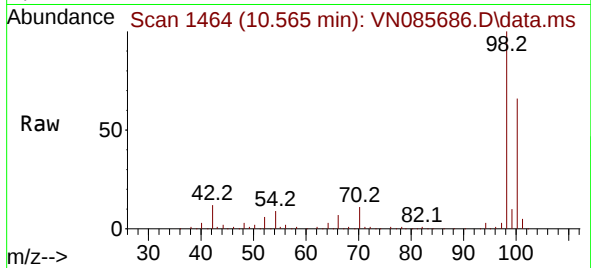




#50
Toluene-d8
Concen: 52.548 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085686.D
Acq: 05 Feb 2025 18:47

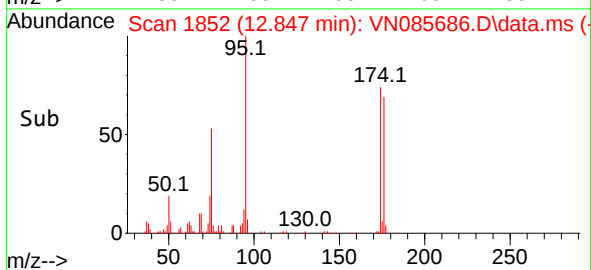
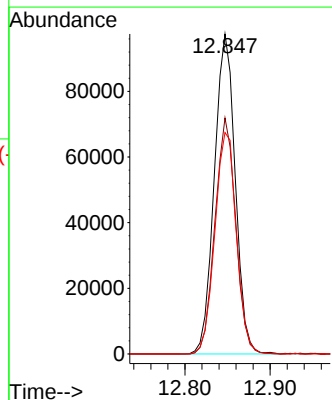
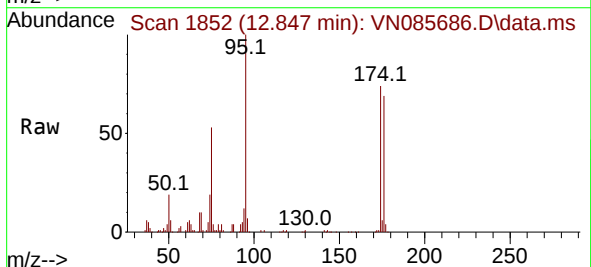
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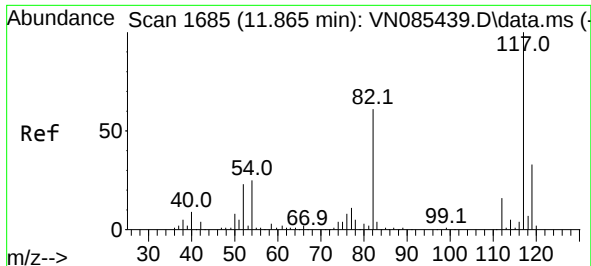
Tgt Ion: 98 Resp: 545550
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.758 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085686.D
Acq: 05 Feb 2025 18:47

Tgt Ion: 95 Resp: 166055
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.0
176 71.4 0.0 142.4

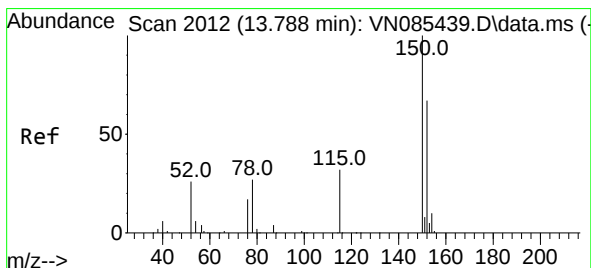
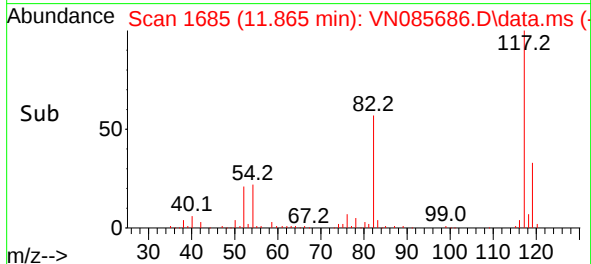
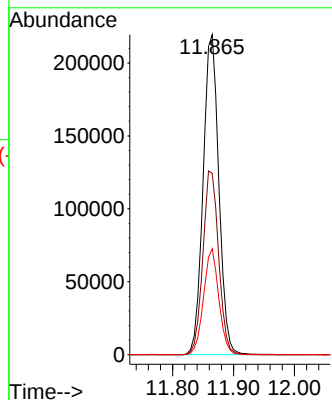
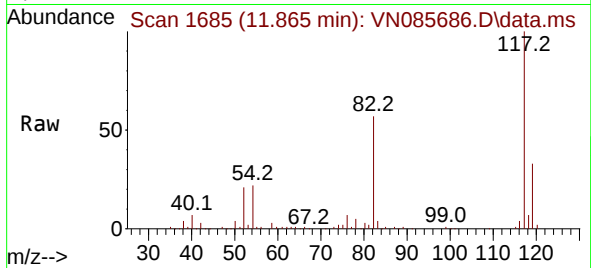




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085686.D
Acq: 05 Feb 2025 18:47

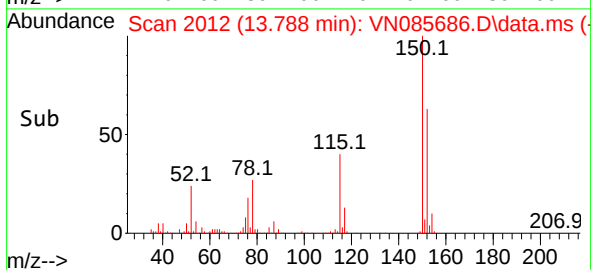
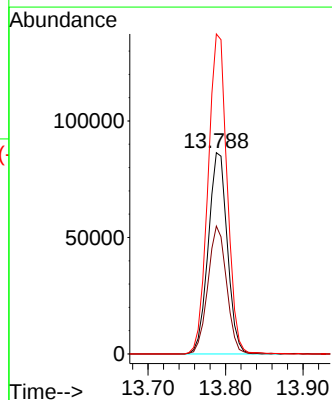
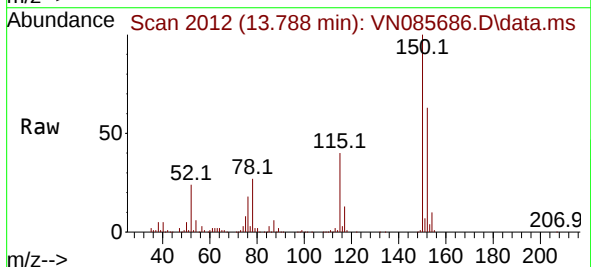
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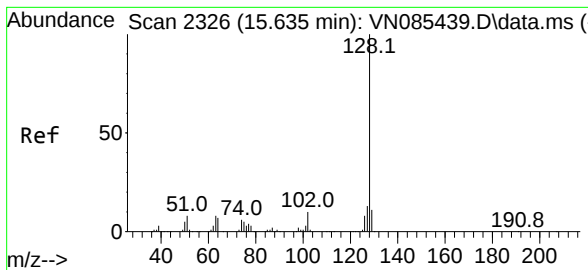
Tgt Ion:117 Resp: 392624
Ion Ratio Lower Upper
117 100
82 56.7 48.6 72.8
119 33.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085686.D
Acq: 05 Feb 2025 18:47

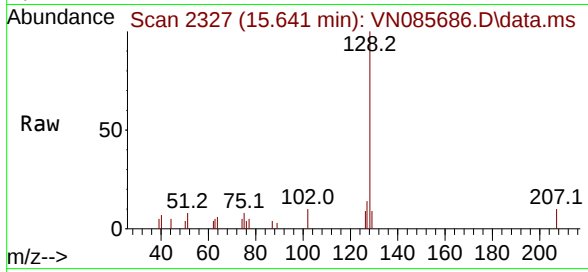
Tgt Ion:152 Resp: 147803
Ion Ratio Lower Upper
152 100
115 62.1 31.1 93.3
150 158.5 0.0 343.6





#95
 Naphthalene
 Concen: 1.691 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085686.D
 Acq: 05 Feb 2025 18:47

Instrument :
 MSVOA_N
 ClientSampleId :
 BAY-DRUMS-D



Tgt Ion:	128	Resp:	11231
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	16.0
129	9.1	8.8	13.2

