

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085679.D
 Acq On : 05 Feb 2025 15:59
 Operator : JC\MD
 Sample : PB166529ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166529ZHE#08

Quant Time: Feb 06 00:42:47 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)

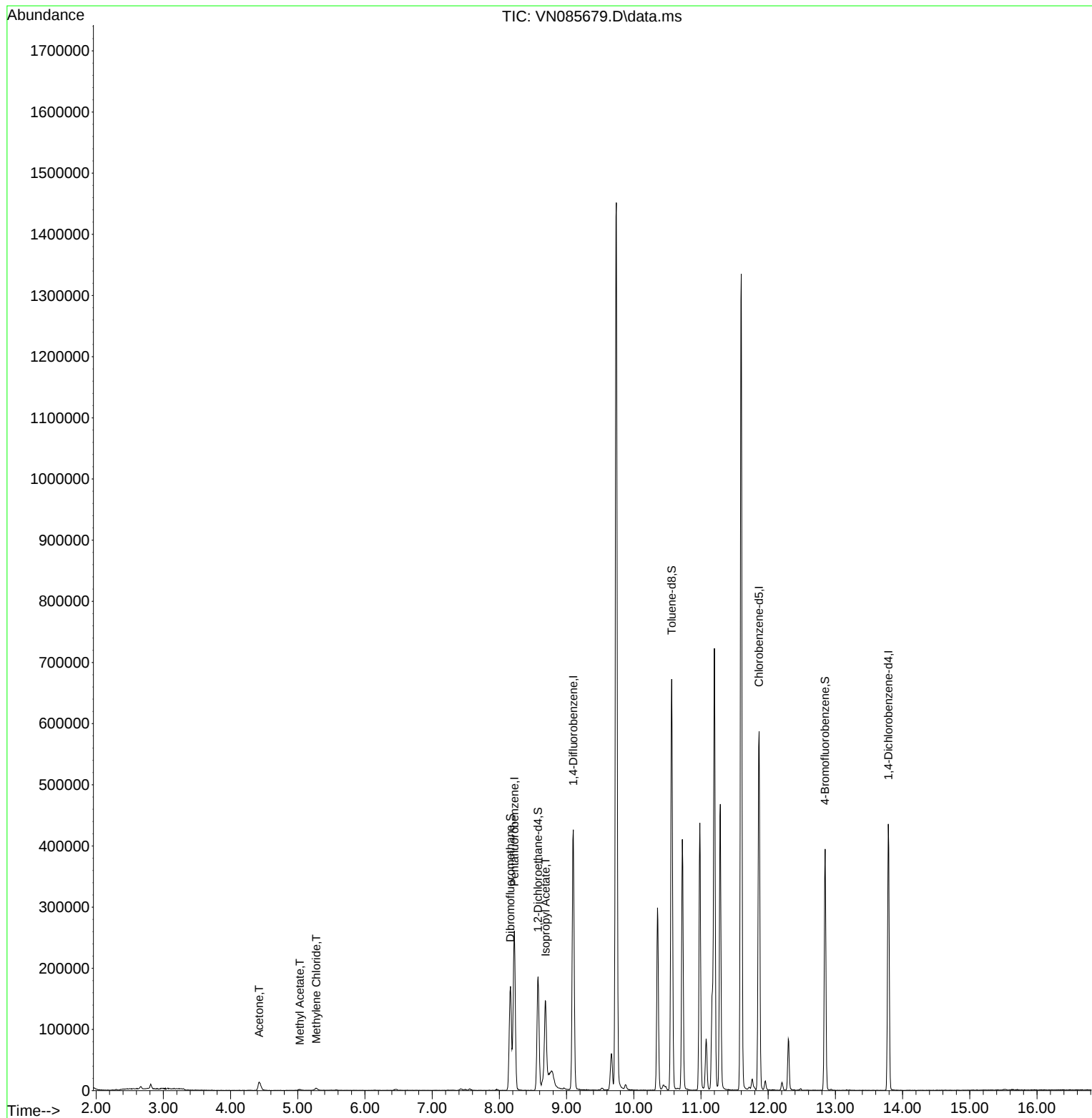
Internal Standards						
1) Pentafluorobenzene	8.224	168	180011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	366556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	335715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146653	50.470	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.940%		
35) Dibromofluoromethane	8.165	113	123825	48.693	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.380%		
50) Toluene-d8	10.565	98	464195	51.376	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.760%		
62) 4-Bromofluorobenzene	12.847	95	130252	42.143	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 84.280%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	25772	27.450	ug/l	97
18) Methyl Acetate	5.030	43	2898	1.015	ug/l #	79
20) Methylene Chloride	5.277	84	2764	1.189	ug/l #	72
43) Isopropyl Acetate	8.688	43	183573	31.802	ug/l #	86

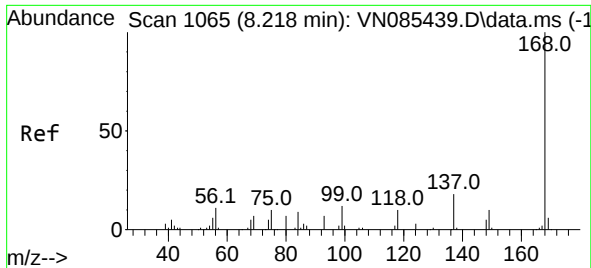
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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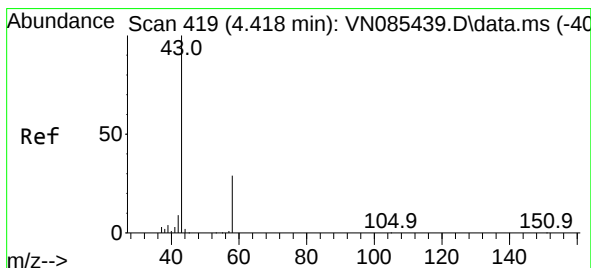
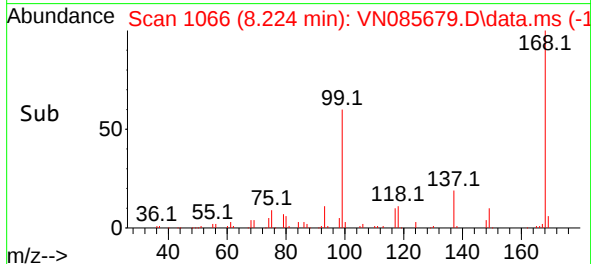
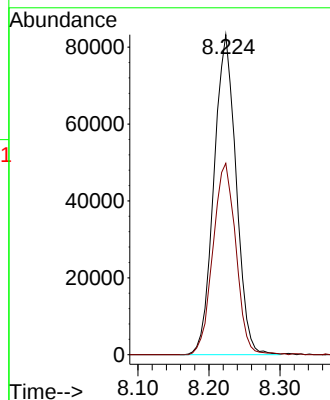
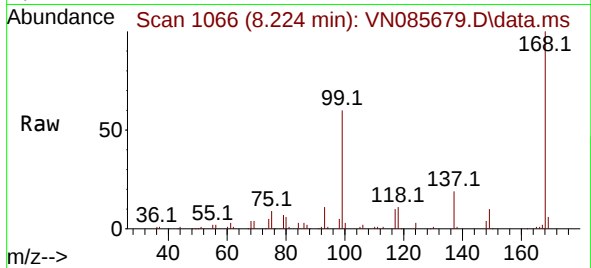




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085679.D
Acq: 05 Feb 2025 15:59

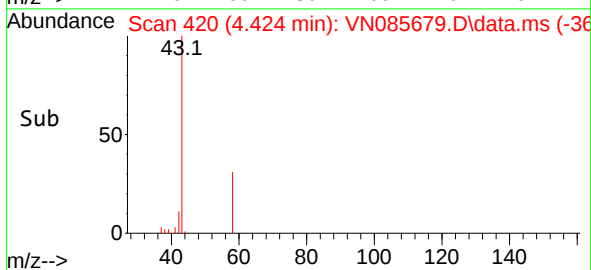
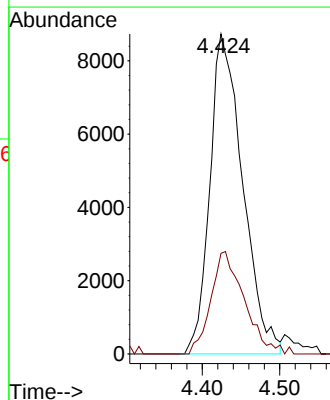
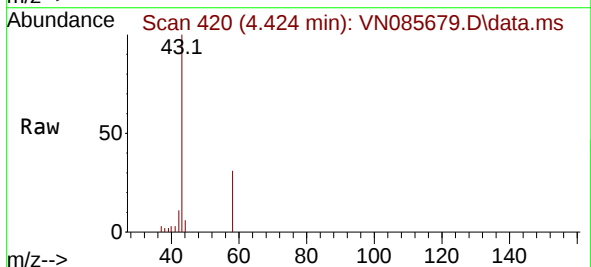
Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#08

Tgt Ion:168 Resp: 180011
Ion Ratio Lower Upper
168 100
99 59.8 53.6 80.4



#16
Acetone
Concen: 27.450 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085679.D
Acq: 05 Feb 2025 15:59

Tgt Ion: 43 Resp: 25772
Ion Ratio Lower Upper
43 100
58 31.4 23.8 35.6

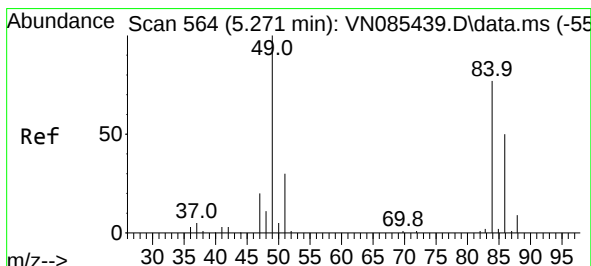
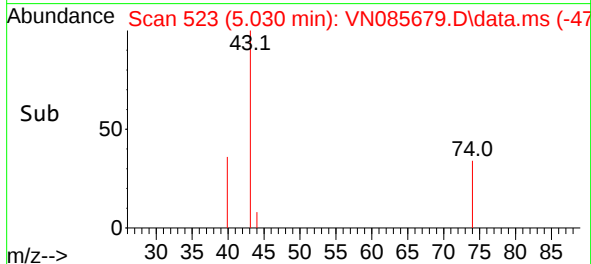
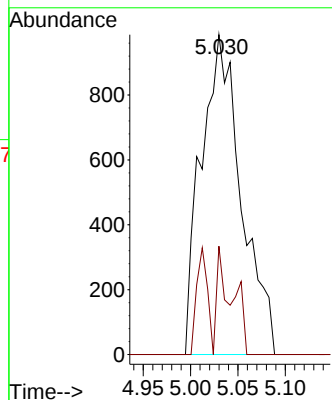
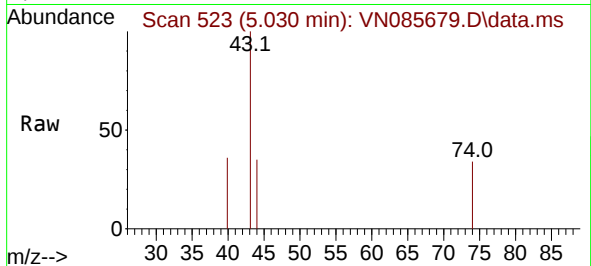




#18
Methyl Acetate
Concen: 1.015 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085679.D
Acq: 05 Feb 2025 15:59

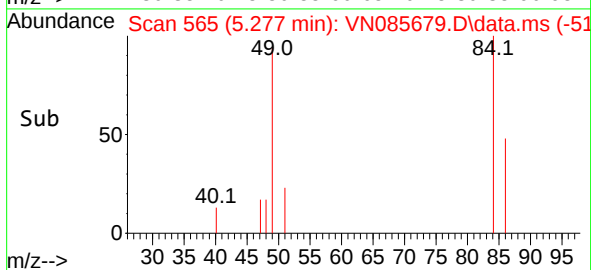
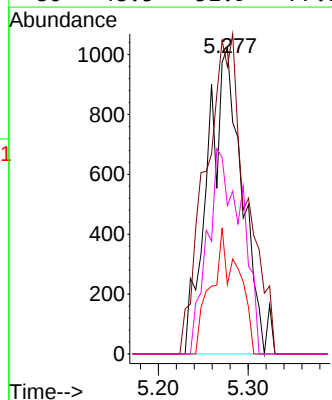
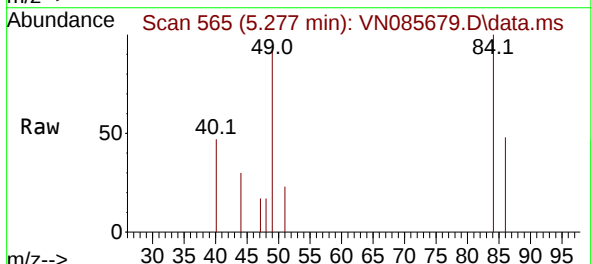
Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#08

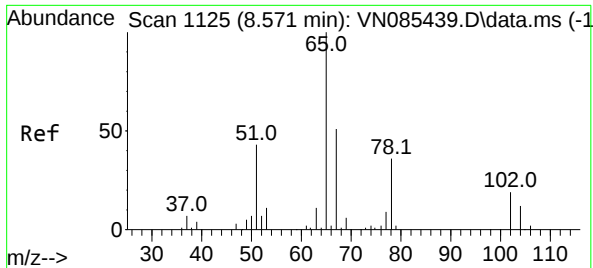
Tgt Ion: 43 Resp: 2898
Ion Ratio Lower Upper
43 100
74 12.9 18.6 28.0#



#20
Methylene Chloride
Concen: 1.189 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085679.D
Acq: 05 Feb 2025 15:59

Tgt Ion: 84 Resp: 2764
Ion Ratio Lower Upper
84 100
49 93.7 104.1 156.1#
51 22.7 31.0 46.4#
86 48.5 51.9 77.9#

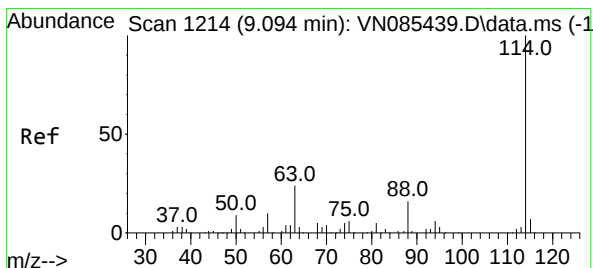
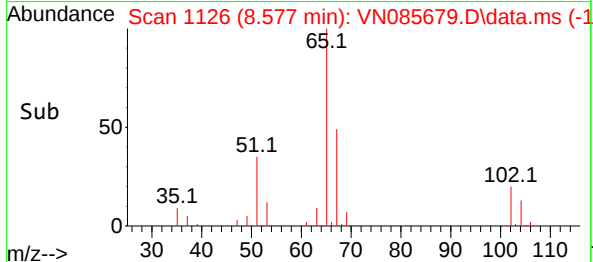
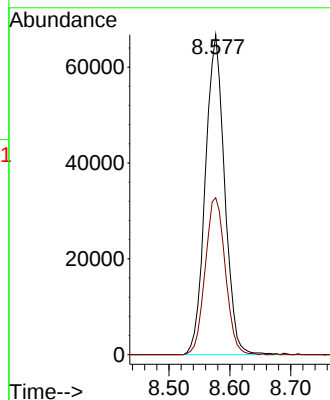
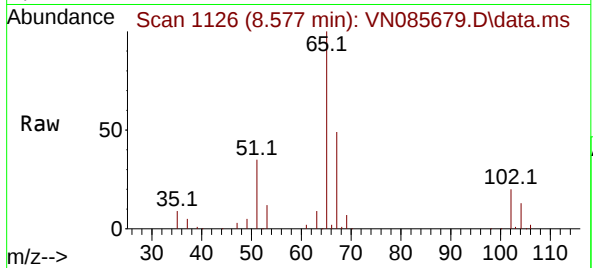




#33
 1,2-Dichloroethane-d4
 Concen: 50.470 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085679.D
 Acq: 05 Feb 2025 15:59

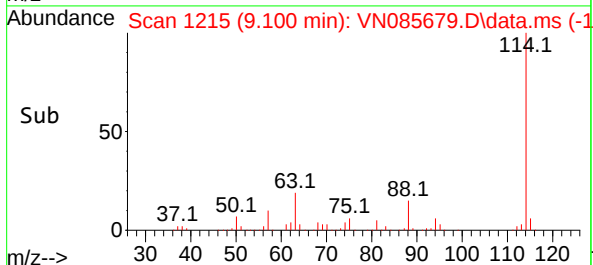
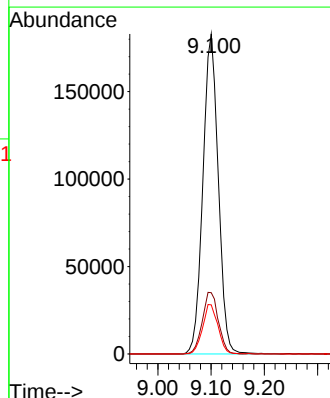
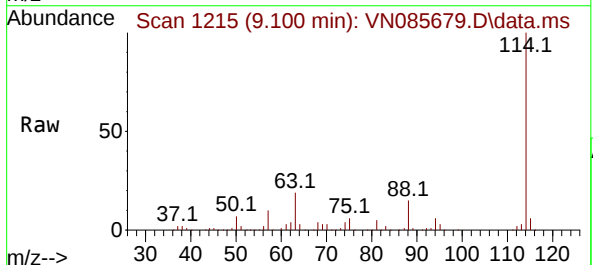
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166529ZHE#08

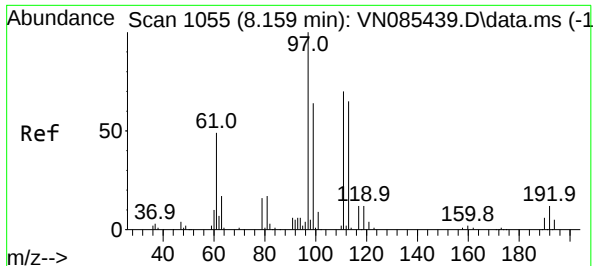
Tgt Ion: 65 Resp: 146653
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085679.D
 Acq: 05 Feb 2025 15:59

Tgt Ion: 114 Resp: 366556
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 47.6
 88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.693 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN085679.D

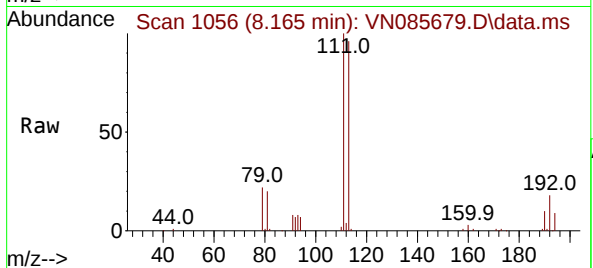
Acq: 05 Feb 2025 15:59

Instrument :

MSVOA_N

ClientSampleId :

PB166529ZHE#08



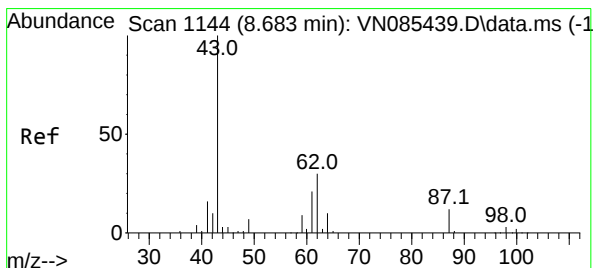
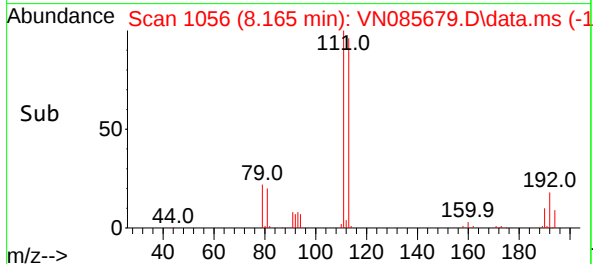
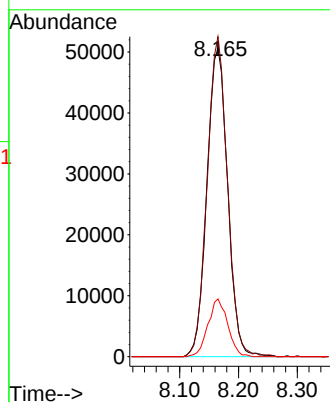
Tgt Ion:113 Resp: 123825

Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

192 17.8 14.3 21.5



#43

Isopropyl Acetate

Concen: 31.802 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085679.D

Acq: 05 Feb 2025 15:59

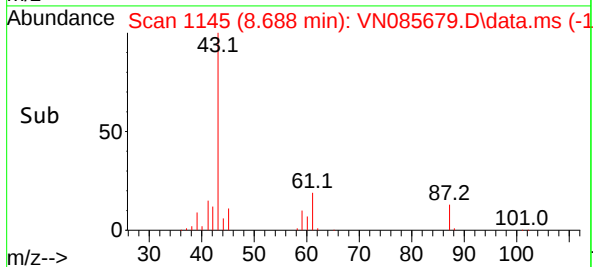
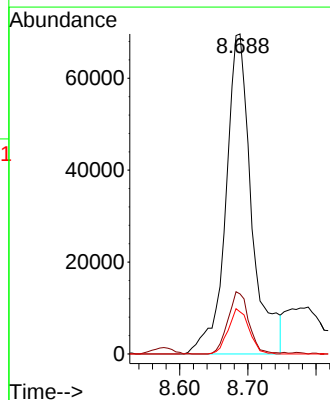
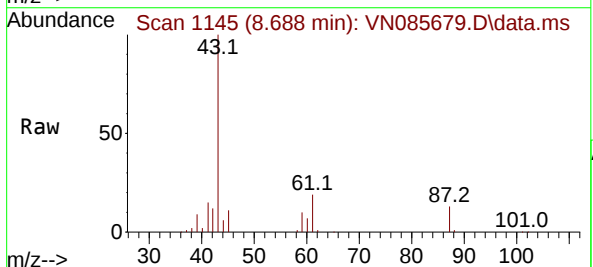
Tgt Ion: 43 Resp: 183573

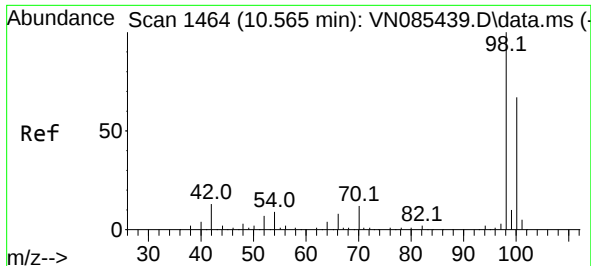
Ion Ratio Lower Upper

43 100

61 15.7 20.7 31.1#

87 11.3 9.8 14.8

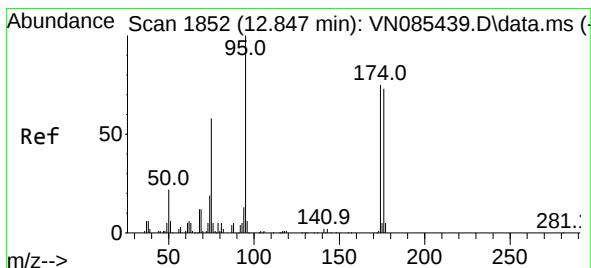
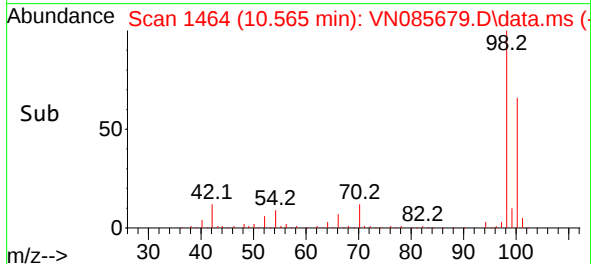
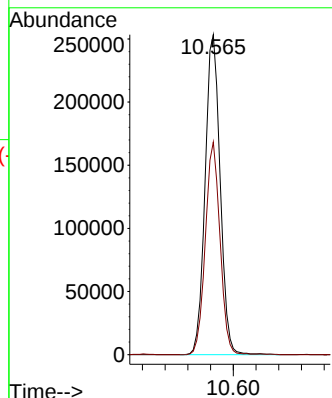
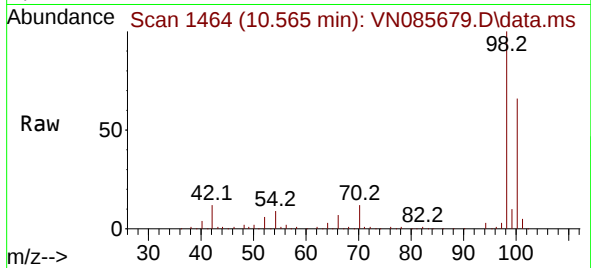




#50
Toluene-d8
Concen: 51.376 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085679.D
Acq: 05 Feb 2025 15:59

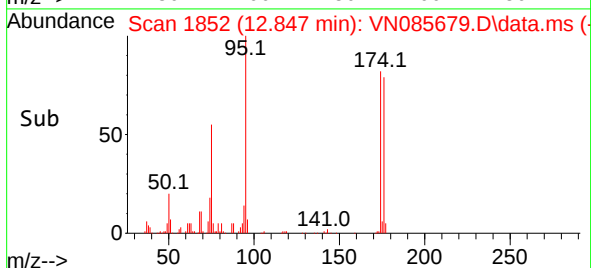
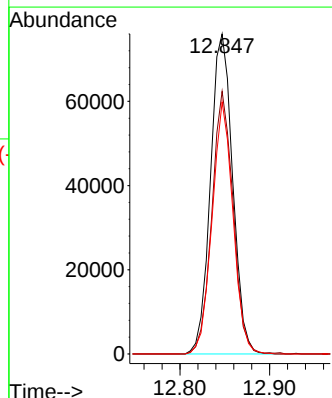
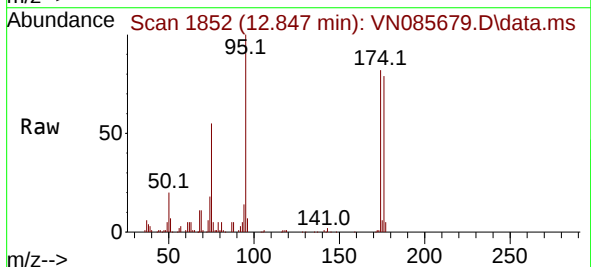
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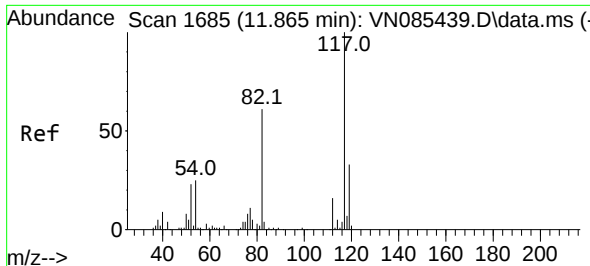
Tgt Ion: 98 Resp: 464195
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.143 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085679.D
Acq: 05 Feb 2025 15:59

Tgt Ion: 95 Resp: 130252
Ion Ratio Lower Upper
95 100
174 78.8 0.0 145.0
176 74.4 0.0 142.4

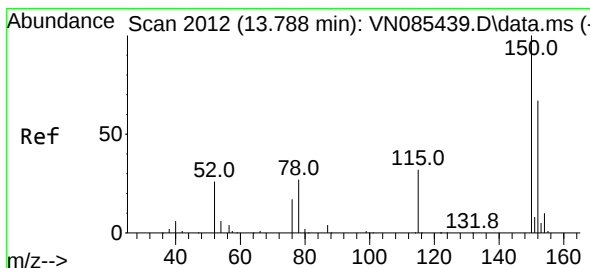
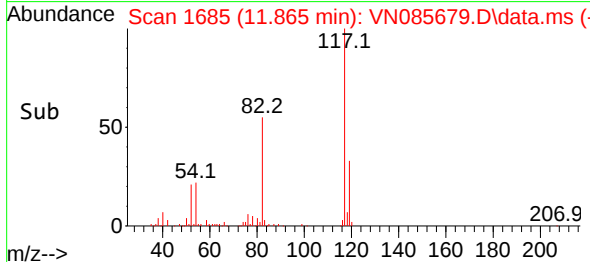
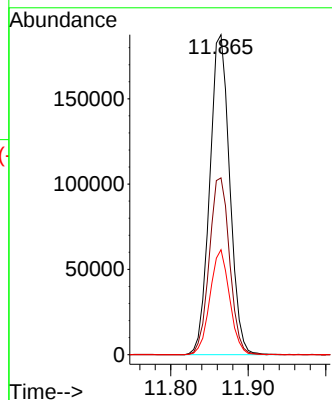
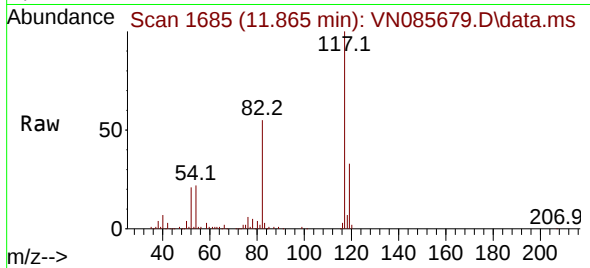




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085679.D
Acq: 05 Feb 2025 15:59

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 335715
Ion Ratio Lower Upper
117 100
82 55.2 48.6 72.8
119 32.8 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: VN085679.D
Acq: 05 Feb 2025 15:59

Tgt Ion:152 Resp: 117256
Ion Ratio Lower Upper
152 100
115 60.9 31.1 93.3
150 159.5 0.0 343.6

