

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085706.D
 Acq On : 07 Feb 2025 19:05
 Operator : JC\MD
 Sample : PB166592ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166592ZHE#08

Quant Time: Feb 07 22:35:49 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)

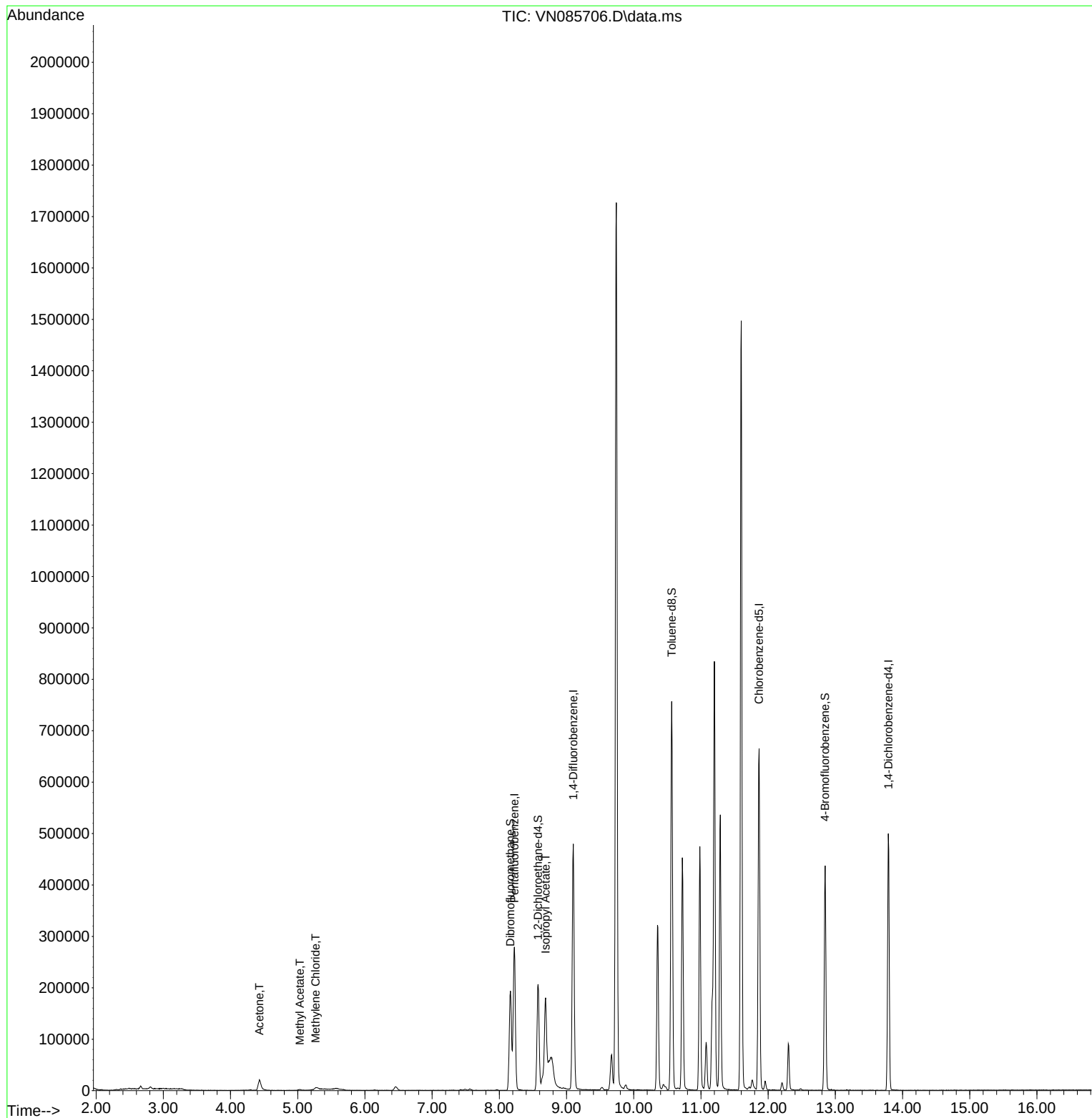
Internal Standards						
1) Pentafluorobenzene	8.224	168	194745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	399542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	380182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171218	54.466	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.940%	
35) Dibromofluoromethane	8.165	113	140234	50.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.180%	
50) Toluene-d8	10.565	98	523281	53.134	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.260%	
62) 4-Bromofluorobenzene	12.847	95	149260	44.306	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.620%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	38139	37.549	ug/l	94
18) Methyl Acetate	5.030	43	3989	1.292	ug/l #	77
20) Methylene Chloride	5.265	84	3379	1.344	ug/l #	73
43) Isopropyl Acetate	8.688	43	226366	35.978	ug/l #	83

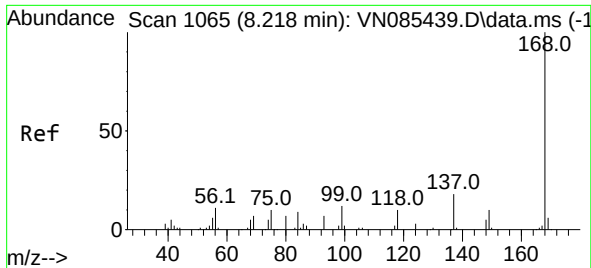
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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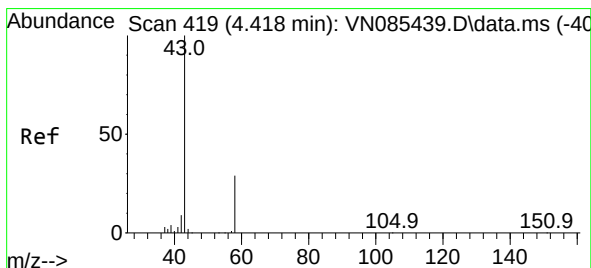
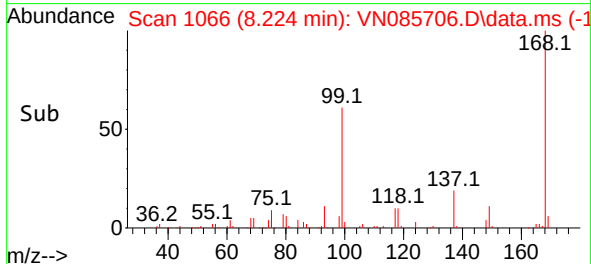
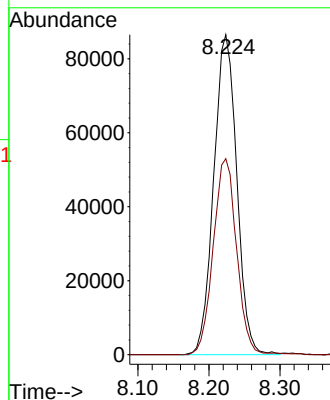
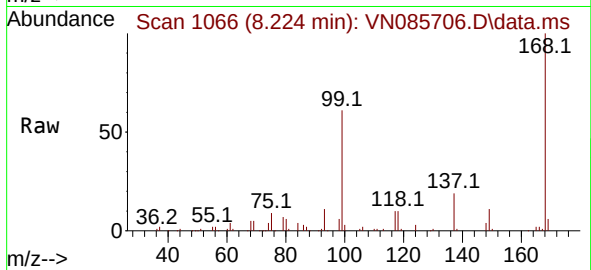




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085706.D
Acq: 07 Feb 2025 19:05

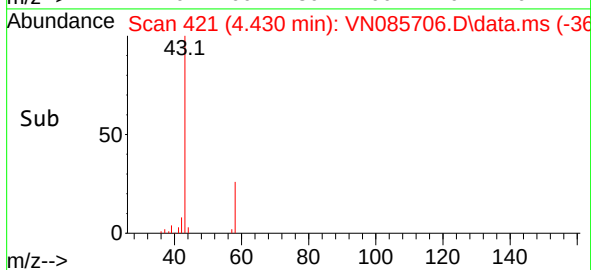
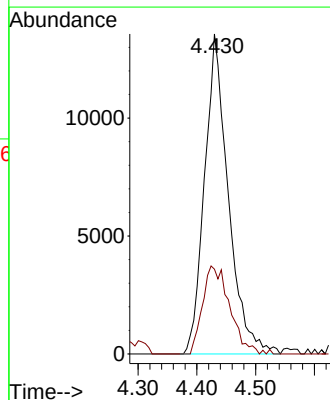
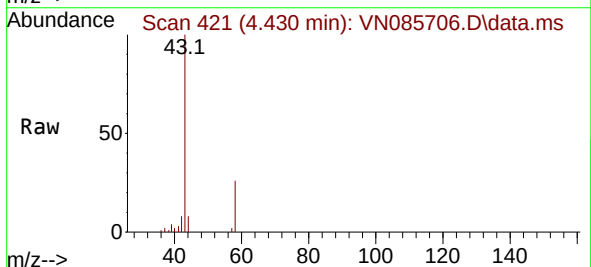
Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#08

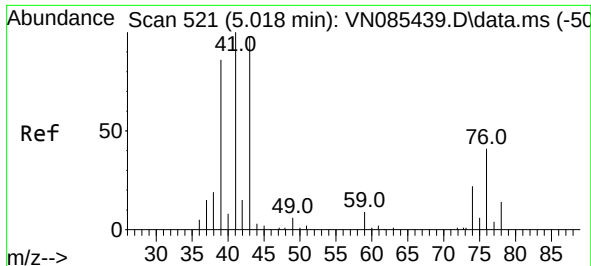
Tgt Ion:168 Resp: 194745
Ion Ratio Lower Upper
168 100
99 61.3 53.6 80.4



#16
Acetone
Concen: 37.549 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085706.D
Acq: 07 Feb 2025 19:05

Tgt Ion: 43 Resp: 38139
Ion Ratio Lower Upper
43 100
58 26.5 23.8 35.6

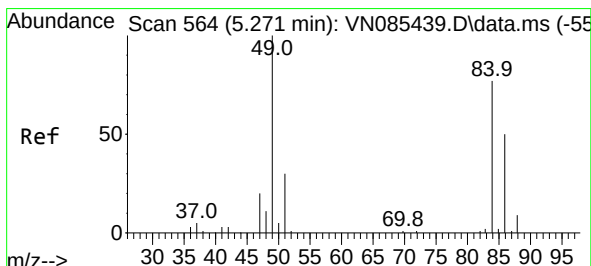
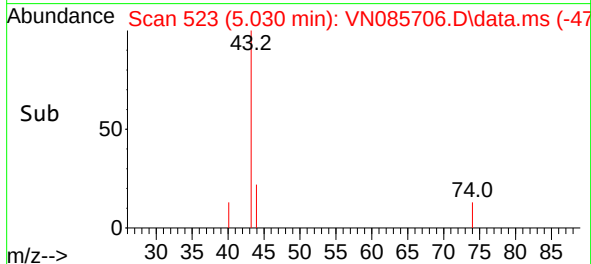
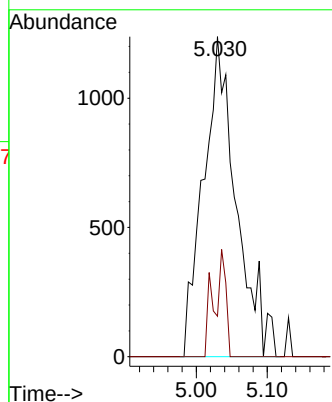
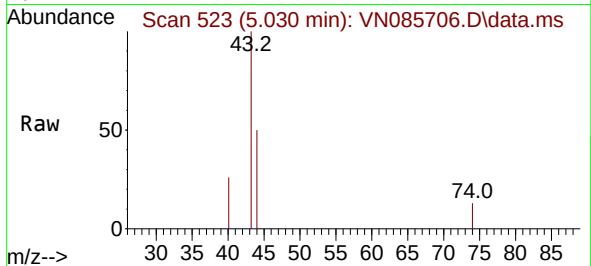




#18
Methyl Acetate
Concen: 1.292 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085706.D
Acq: 07 Feb 2025 19:05

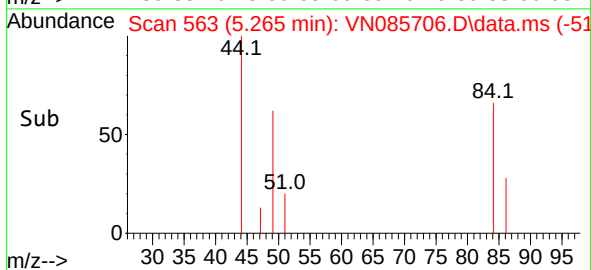
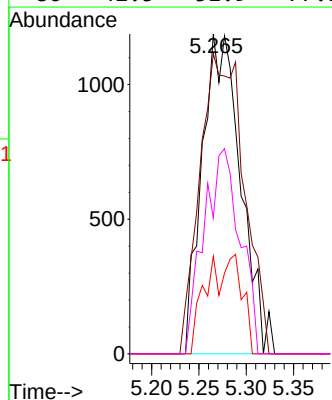
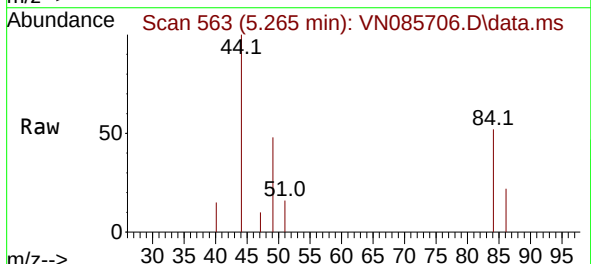
Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#08

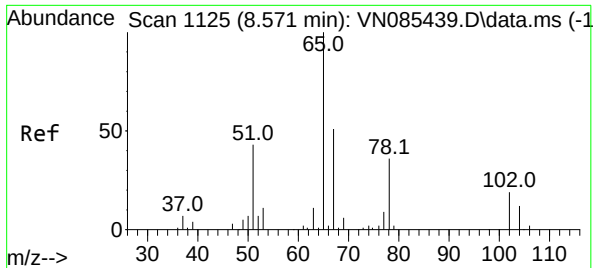
Tgt Ion: 43 Resp: 3989
Ion Ratio Lower Upper
43 100
74 12.0 18.6 28.0#



#20
Methylene Chloride
Concen: 1.344 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN085706.D
Acq: 07 Feb 2025 19:05

Tgt Ion: 84 Resp: 3379
Ion Ratio Lower Upper
84 100
49 93.9 104.1 156.1#
51 30.6 31.0 46.4#
86 42.5 51.9 77.9#

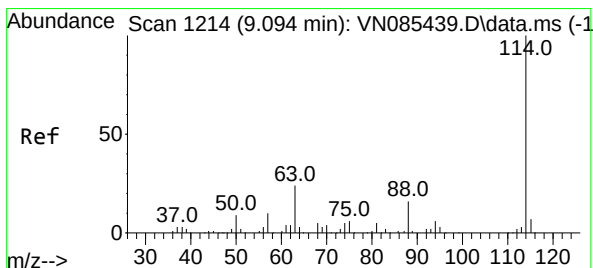
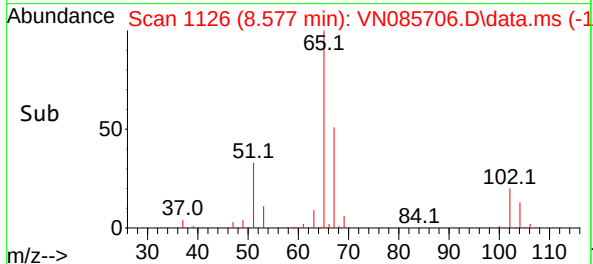
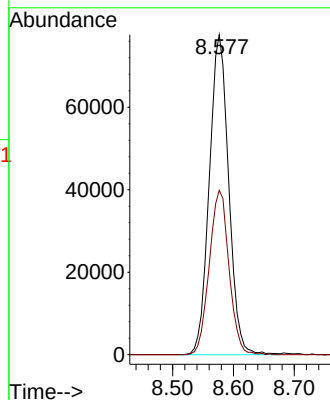
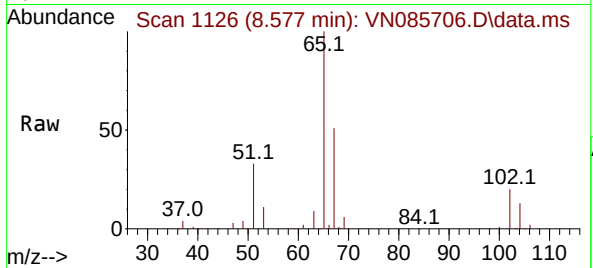




#33
 1,2-Dichloroethane-d4
 Concen: 54.466 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085706.D
 Acq: 07 Feb 2025 19:05

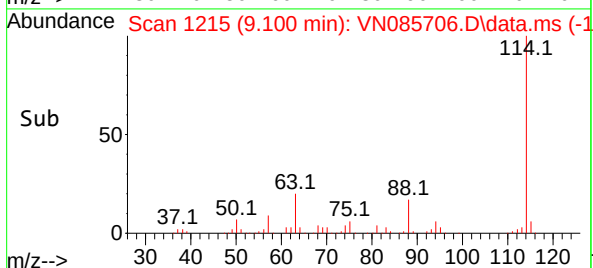
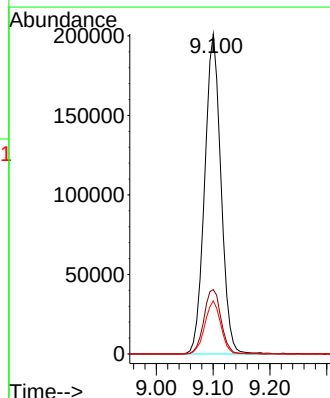
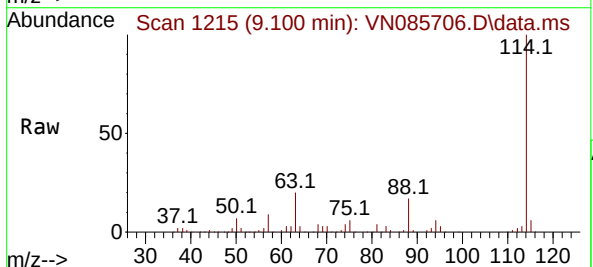
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166592ZHE#08

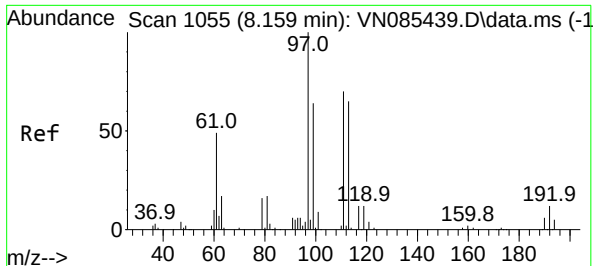
Tgt Ion: 65 Resp: 171218
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085706.D
 Acq: 07 Feb 2025 19:05

Tgt Ion: 114 Resp: 399542
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 47.6
 88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.592 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN085706.D

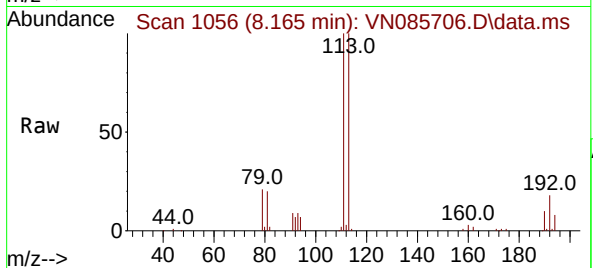
Acq: 07 Feb 2025 19:05

Instrument :

MSVOA_N

ClientSampleId :

PB166592ZHE#08



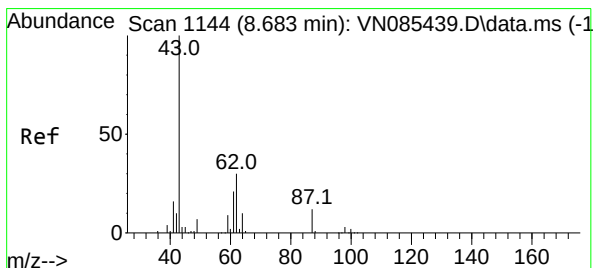
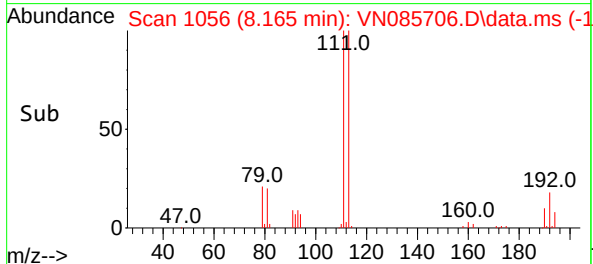
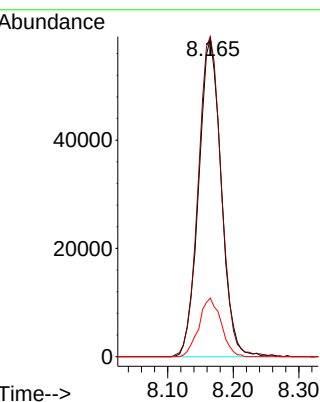
Tgt Ion:113 Resp: 140234

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

192 18.2 14.3 21.5



#43

Isopropyl Acetate

Concen: 35.978 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085706.D

Acq: 07 Feb 2025 19:05

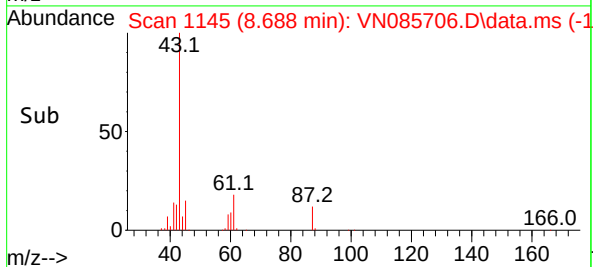
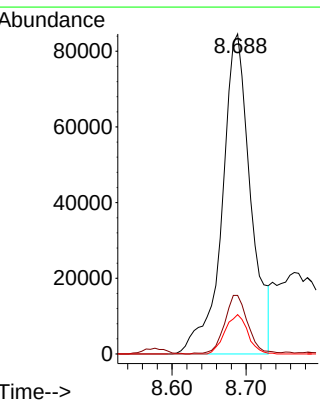
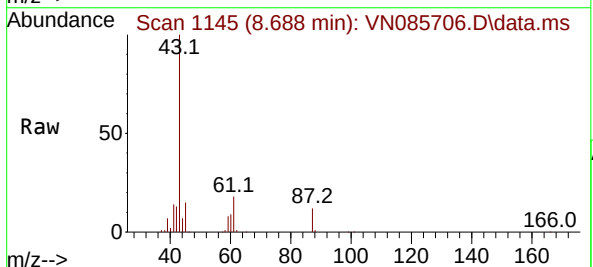
Tgt Ion: 43 Resp: 226366

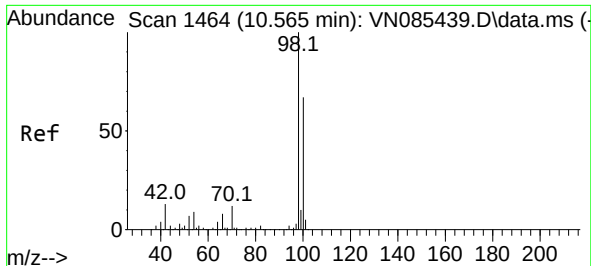
Ion Ratio Lower Upper

43 100

61 15.0 20.7 31.1#

87 9.8 9.8 14.8#

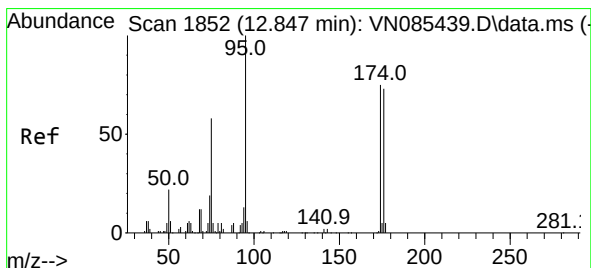
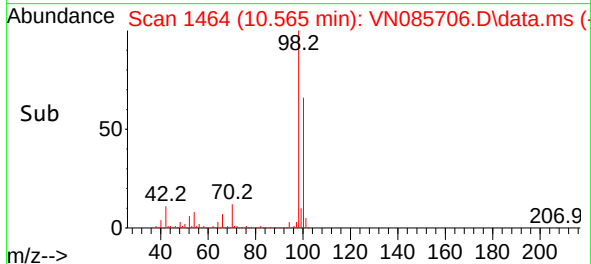
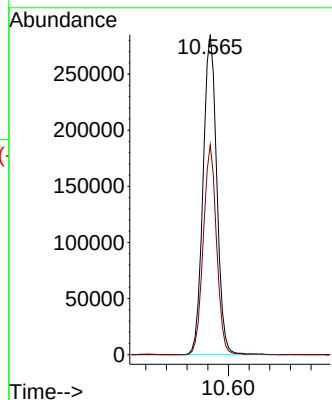
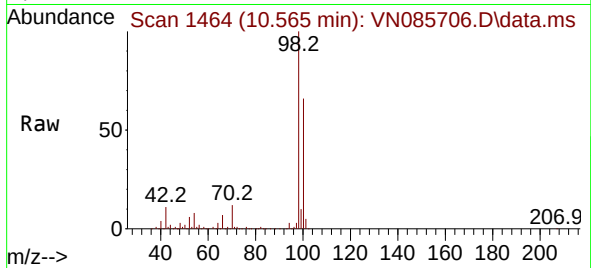




#50
Toluene-d8
Concen: 53.134 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085706.D
Acq: 07 Feb 2025 19:05

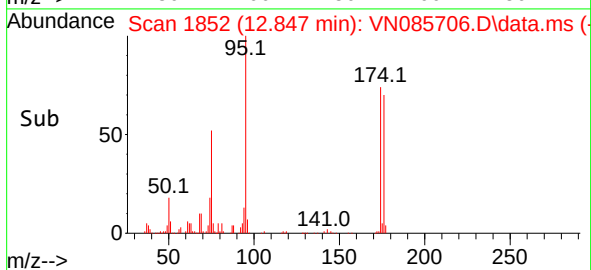
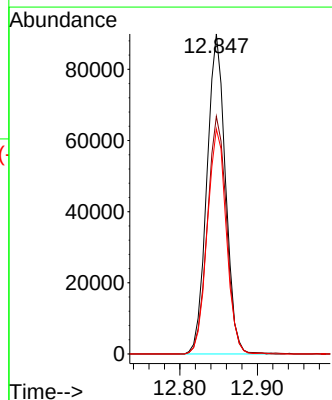
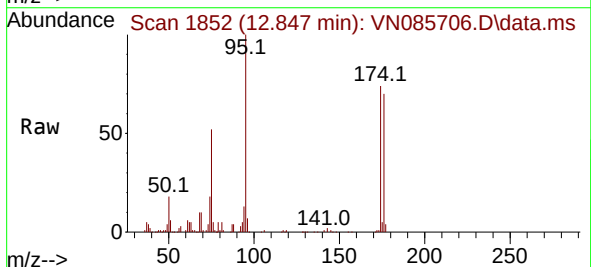
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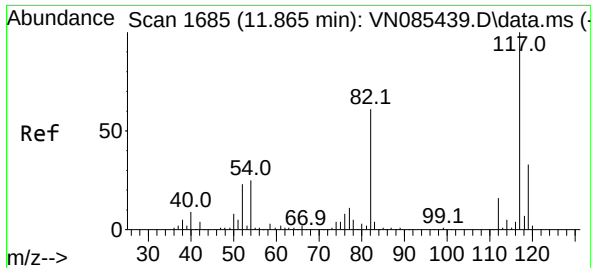
Tgt Ion: 98 Resp: 523281
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.306 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085706.D
Acq: 07 Feb 2025 19:05

Tgt Ion: 95 Resp: 149260
Ion Ratio Lower Upper
95 100
174 77.0 0.0 145.0
176 72.3 0.0 142.4

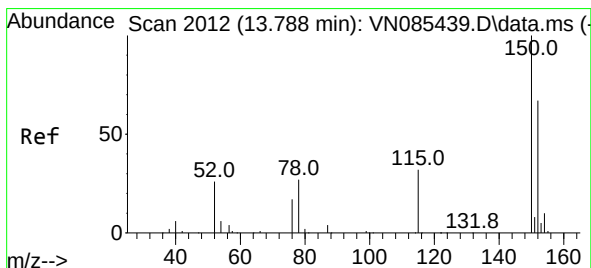
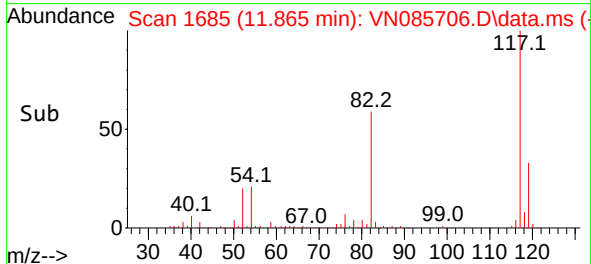
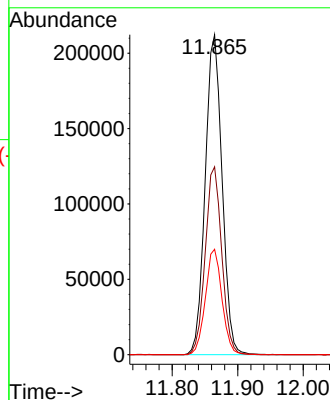
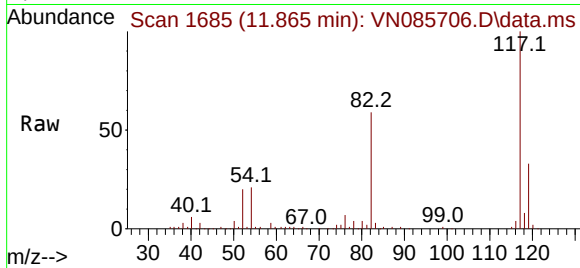




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085706.D
Acq: 07 Feb 2025 19:05

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 380182
Ion Ratio Lower Upper
117 100
82 58.7 48.6 72.8
119 32.9 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: VN085706.D
Acq: 07 Feb 2025 19:05

Tgt Ion:152 Resp: 134825
Ion Ratio Lower Upper
152 100
115 61.8 31.1 93.3
150 155.1 0.0 343.6

