

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085627.D
 Acq On : 03 Feb 2025 17:13
 Operator : JC\MD
 Sample : PB166424ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#06

Quant Time: Feb 04 00:59:30 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)

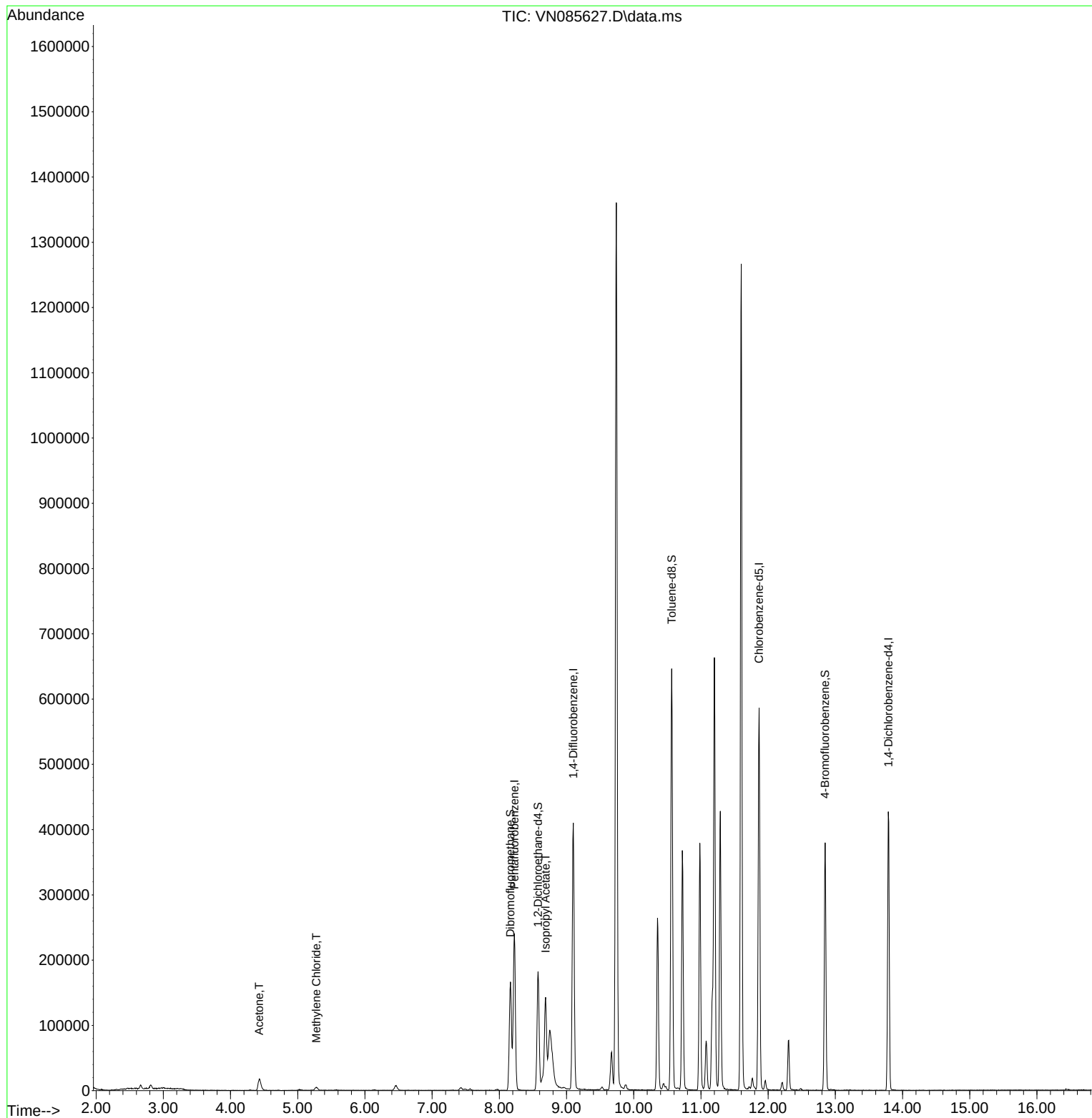
Internal Standards						
1) Pentafluorobenzene	8.224	168	164522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143225	53.931	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.860%	
35) Dibromofluoromethane	8.165	113	119221	49.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.680%	
50) Toluene-d8	10.565	98	451319	52.567	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	12.847	95	125023	42.569	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 85.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	34628	40.355	ug/l	97
20) Methylene Chloride	5.277	84	3732	1.757	ug/l #	83
43) Isopropyl Acetate	8.688	43	172898	31.521	ug/l #	85

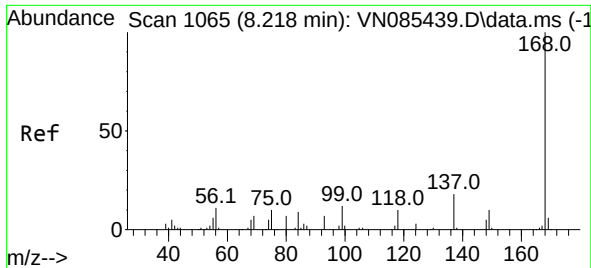
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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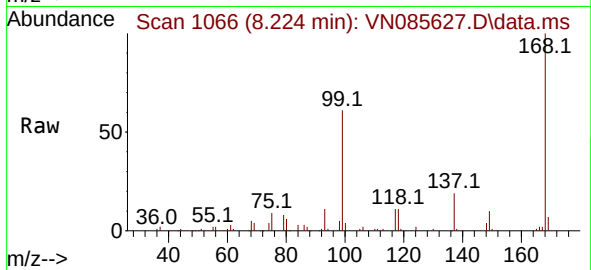
Quant Time: Feb 04 00:59:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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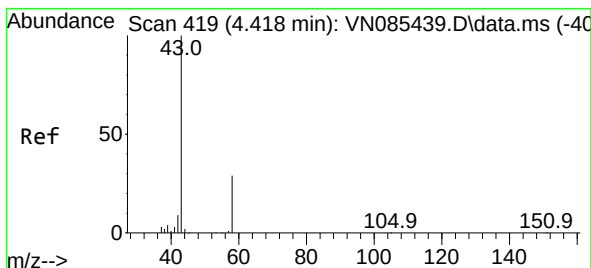
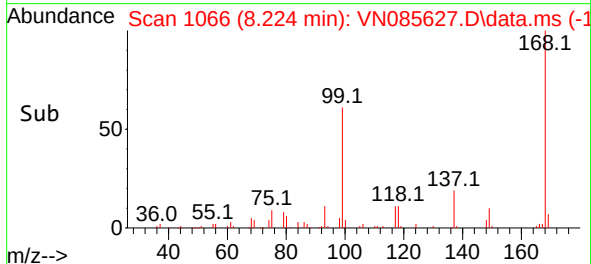
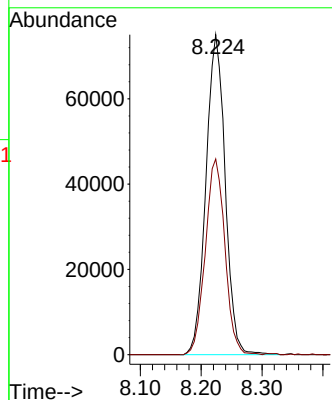


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN085627.D
Acq: 03 Feb 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#06

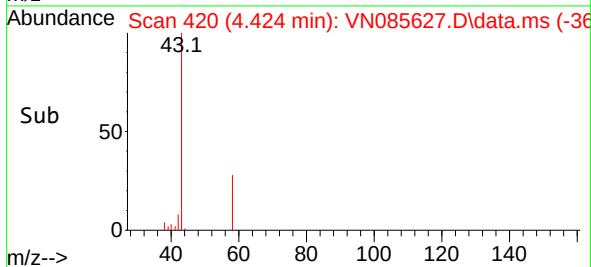
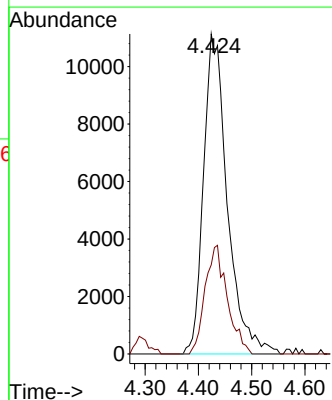
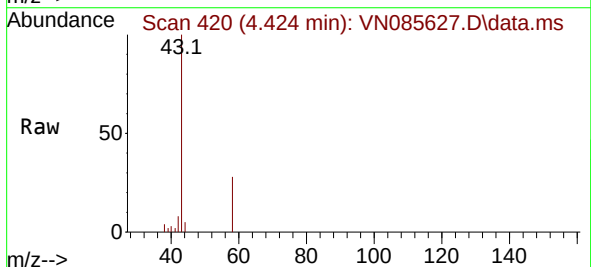


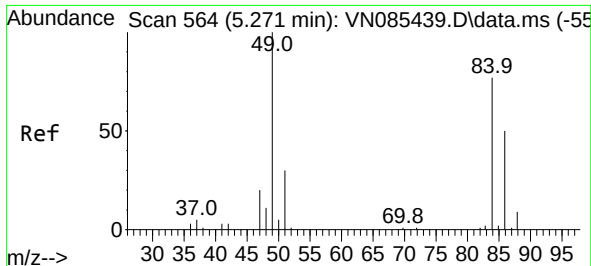
Tgt Ion:168 Resp: 164522
Ion Ratio Lower Upper
168 100
99 61.2 53.6 80.4



#16
Acetone
Concen: 40.355 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085627.D
Acq: 03 Feb 2025 17:13

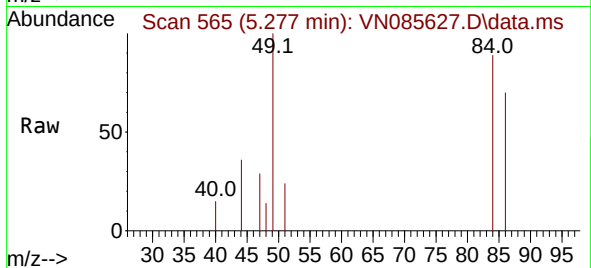
Tgt Ion: 43 Resp: 34628
Ion Ratio Lower Upper
43 100
58 27.9 23.8 35.6



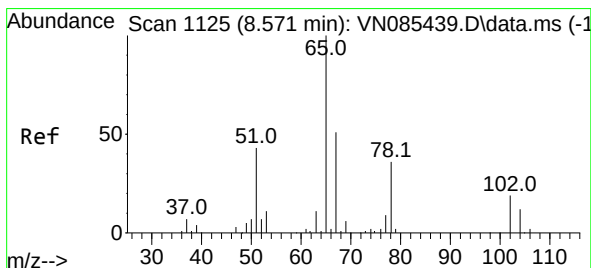
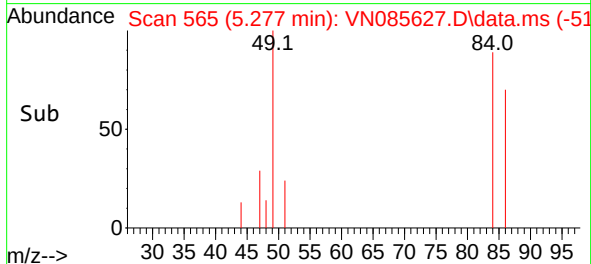
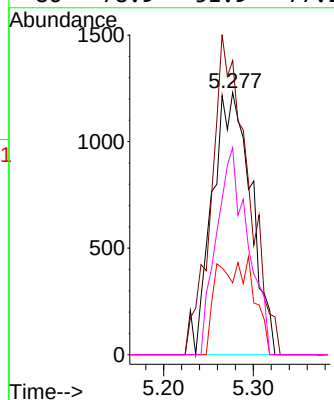


#20
Methylene Chloride
Concen: 1.757 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085627.D
Acq: 03 Feb 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#06

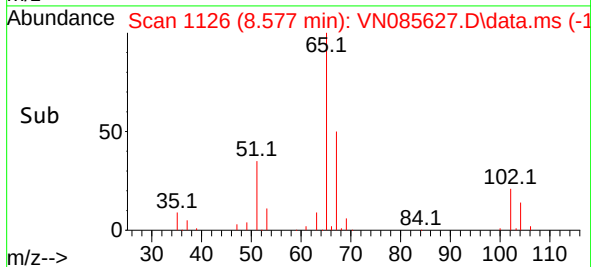
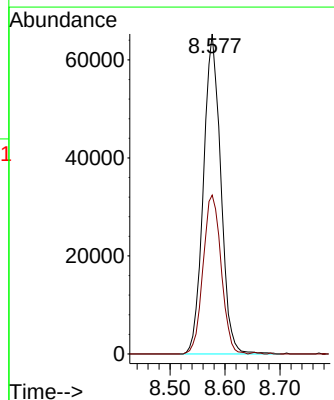
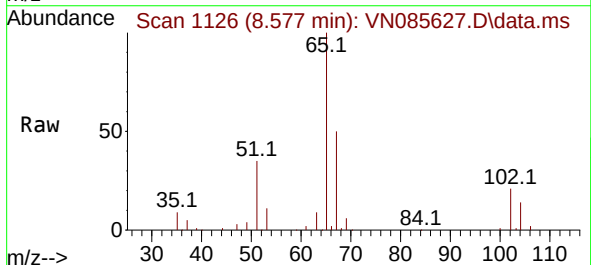


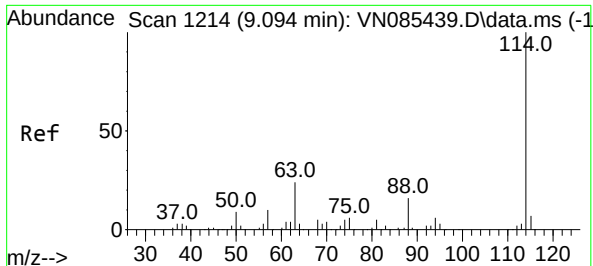
Tgt Ion:	84	Resp:	3732
Ion	Ratio	Lower	Upper
84	100		
49	112.2	104.1	156.1
51	27.4	31.0	46.4#
86	78.9	51.9	77.9#



#33
1,2-Dichloroethane-d4
Concen: 53.931 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085627.D
Acq: 03 Feb 2025 17:13

Tgt Ion:	65	Resp:	143225
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085627.D

Acq: 03 Feb 2025 17:13

Instrument :

MSVOA_N

ClientSampleId :

PB166424ZHE#06

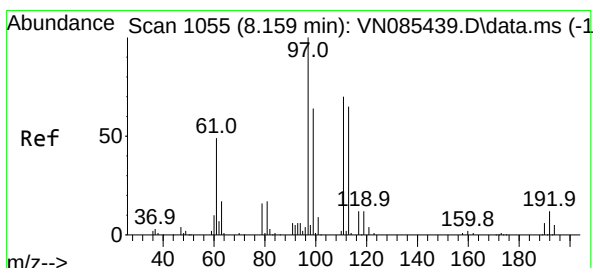
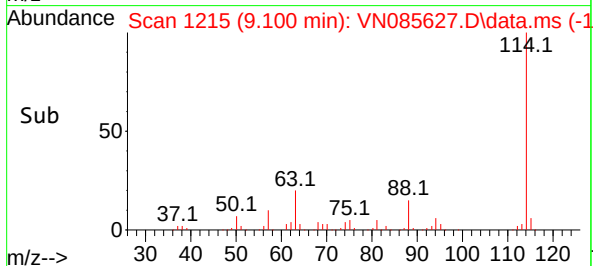
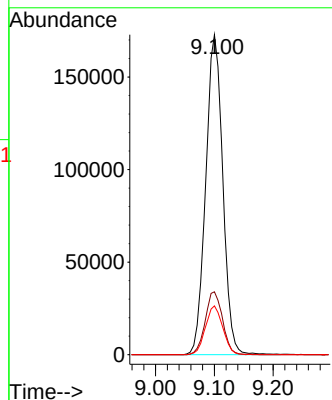
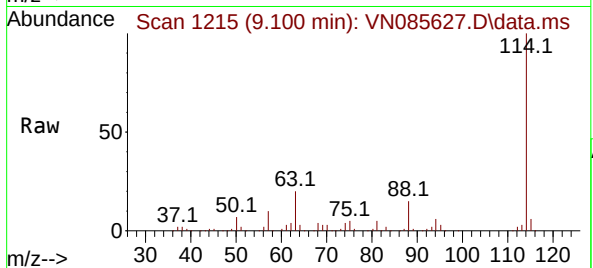
Tgt Ion:114 Resp: 348316

Ion Ratio Lower Upper

114 100

63 19.6 0.0 47.6

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.337 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085627.D

Acq: 03 Feb 2025 17:13

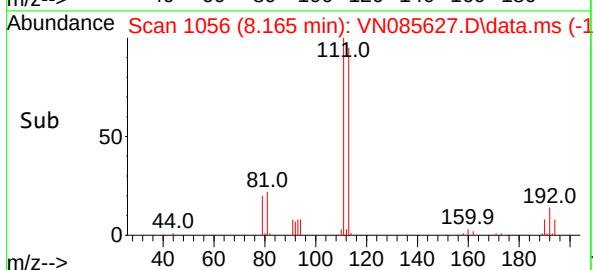
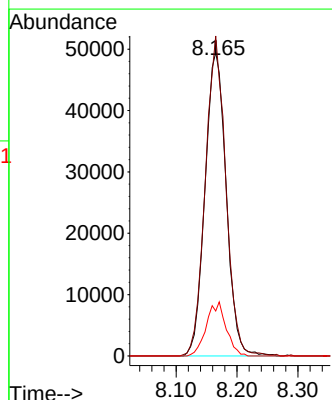
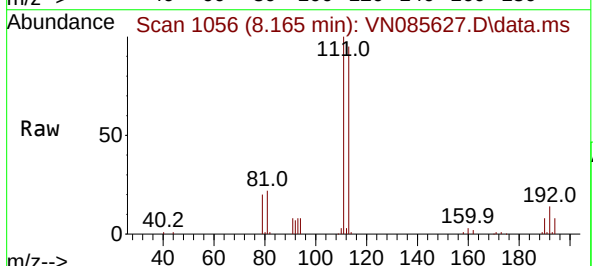
Tgt Ion:113 Resp: 119221

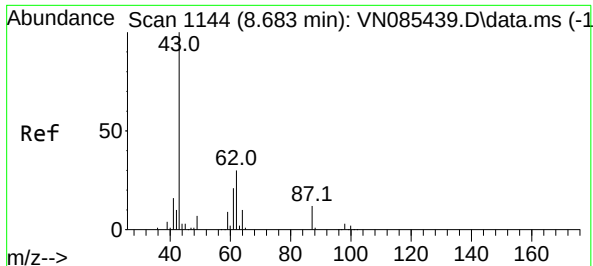
Ion Ratio Lower Upper

113 100

111 102.0 82.7 124.1

192 16.6 14.3 21.5

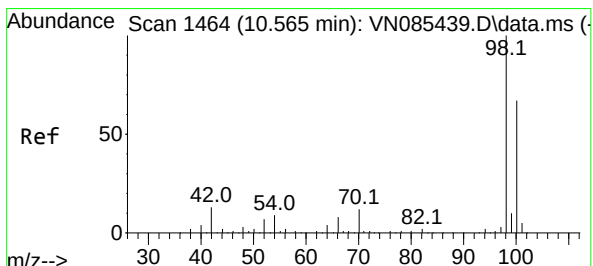
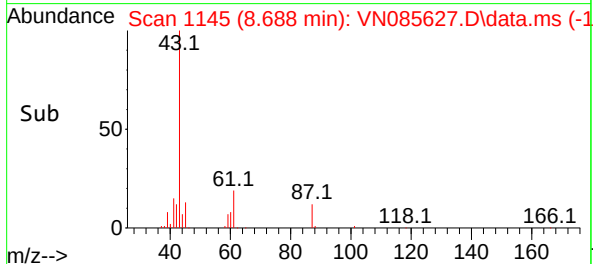
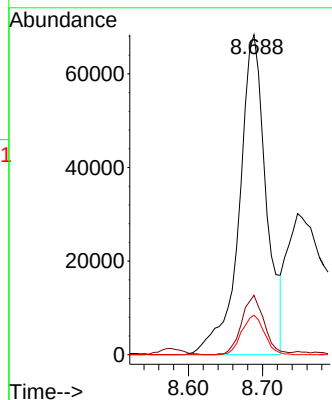
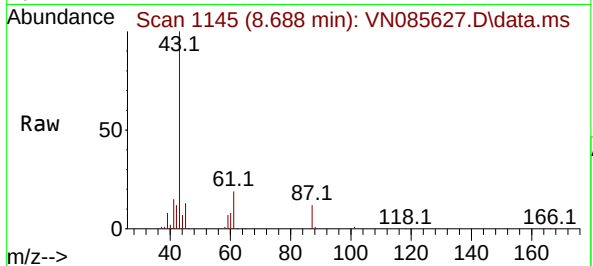




#43
Isopropyl Acetate
Concen: 31.521 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085627.D
Acq: 03 Feb 2025 17:13

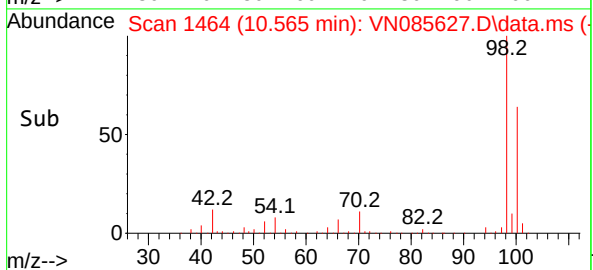
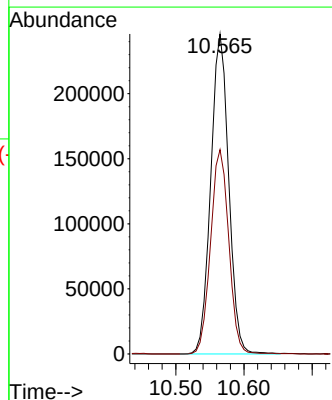
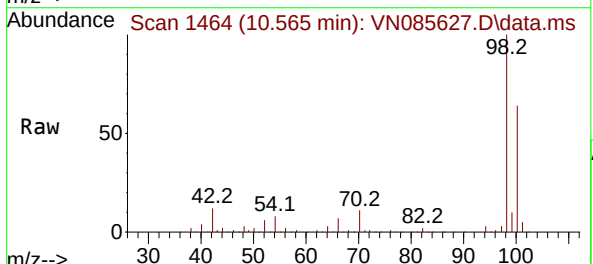
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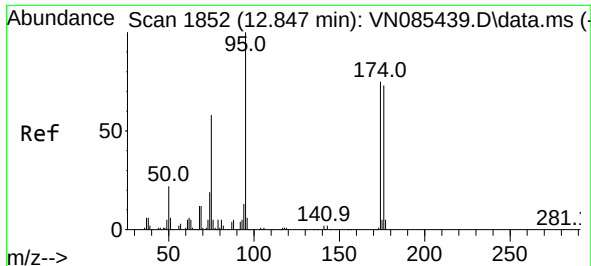
Tgt Ion: 43 Resp: 172898
Ion Ratio Lower Upper
43 100
61 15.5 20.7 31.1#
87 10.4 9.8 14.8



#50
Toluene-d8
Concen: 52.567 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085627.D
Acq: 03 Feb 2025 17:13

Tgt Ion: 98 Resp: 451319
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

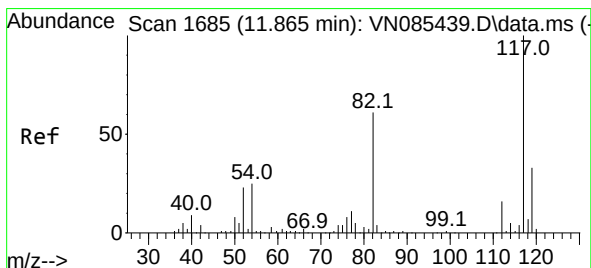
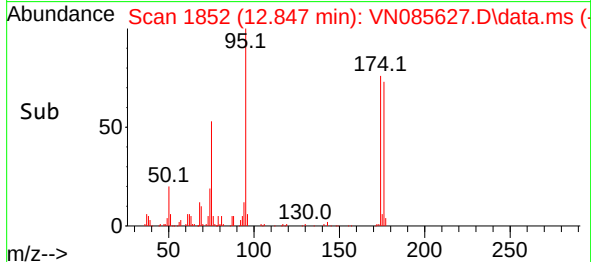
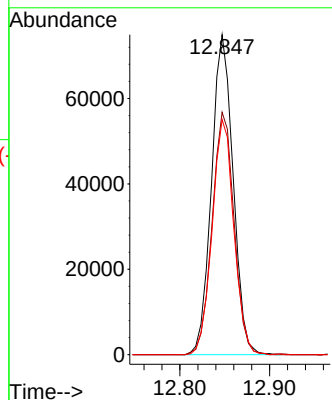
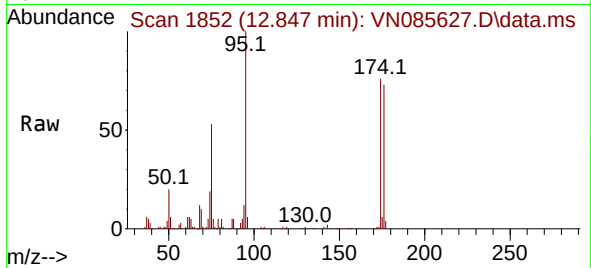




#62
4-Bromofluorobenzene
Concen: 42.569 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085627.D
Acq: 03 Feb 2025 17:13

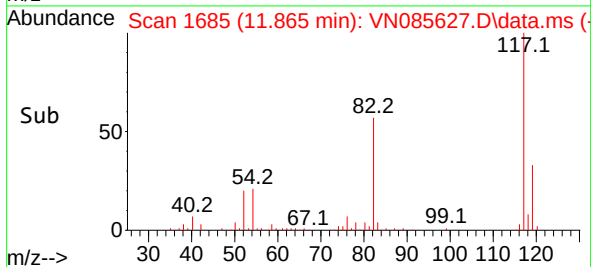
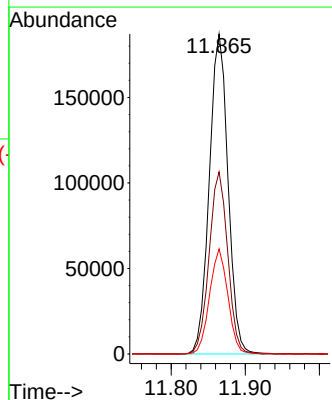
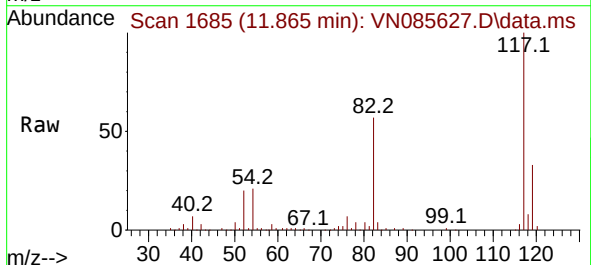
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#06

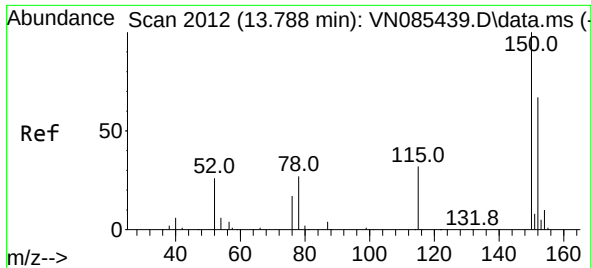
Tgt Ion: 95 Resp: 125023
Ion Ratio Lower Upper
95 100
174 76.9 0.0 145.0
176 74.0 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085627.D
Acq: 03 Feb 2025 17:13

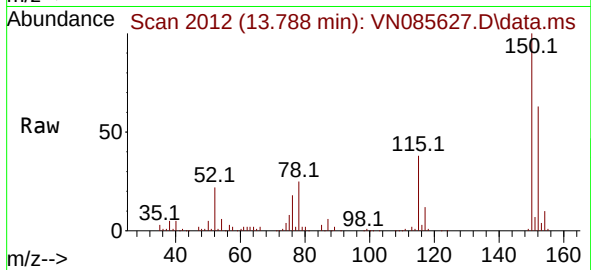
Tgt Ion: 117 Resp: 328165
Ion Ratio Lower Upper
117 100
82 56.9 48.6 72.8
119 32.8 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085627.D
 Acq: 03 Feb 2025 17:13

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#06



Tgt Ion:152 Resp: 114250
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.1 93.3
 150 157.7 0.0 343.6

