

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085623.D
 Acq On : 03 Feb 2025 15:36
 Operator : JC\MD
 Sample : PB166424ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#02

Quant Time: Feb 04 00:58:53 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)

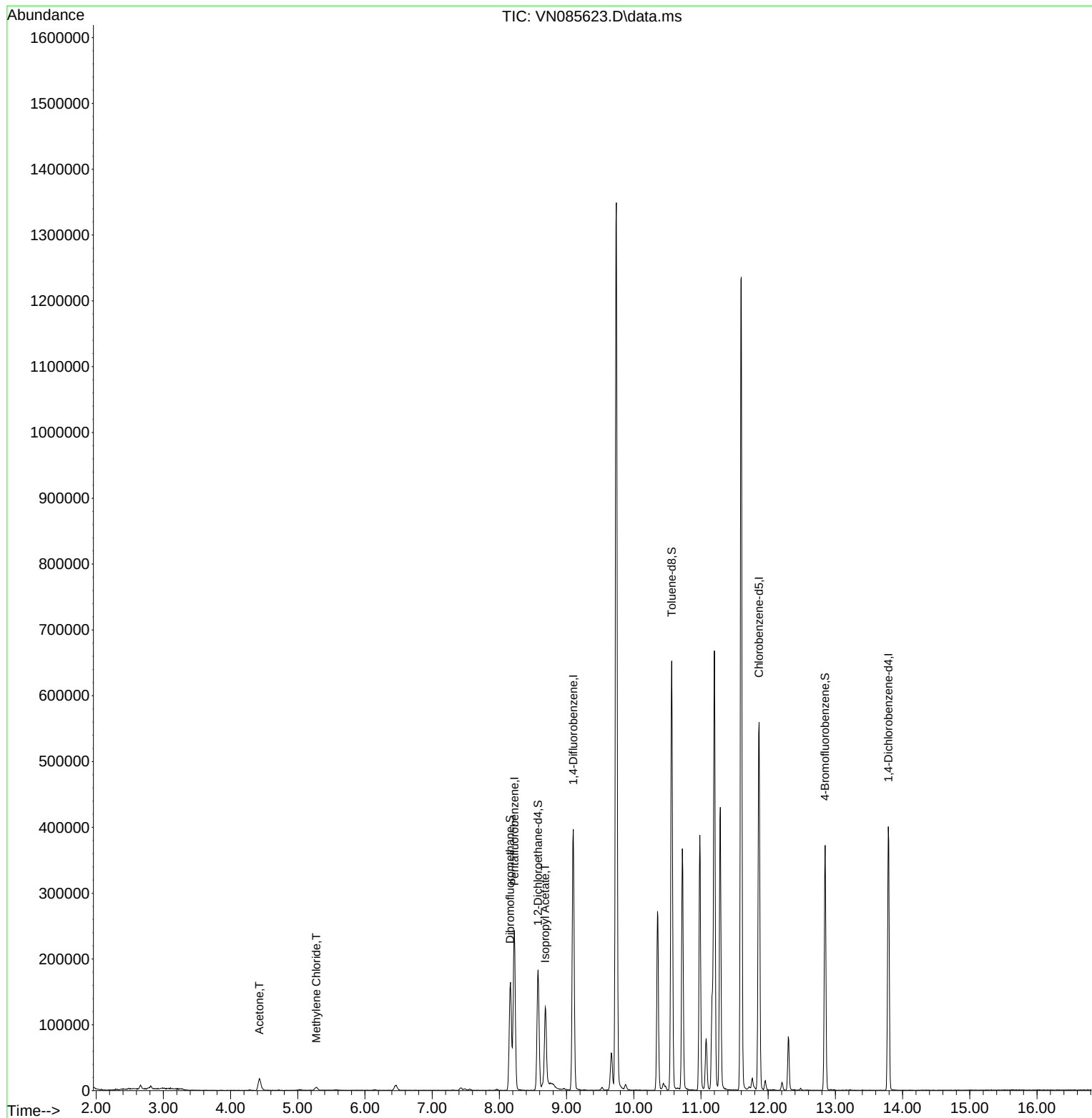
Internal Standards						
1) Pentafluorobenzene	8.224	168	168602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143006	52.545	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.100%
35) Dibromofluoromethane	8.159	113	119014	50.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.600%
50) Toluene-d8	10.565	98	450085	54.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.160%
62) 4-Bromofluorobenzene	12.847	95	121921	42.822	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.640%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	33846	38.489	ug/l	99
20) Methylene Chloride	5.277	84	3822	1.756	ug/l #	84
43) Isopropyl Acetate	8.683	43	144960	27.261	ug/l #	89

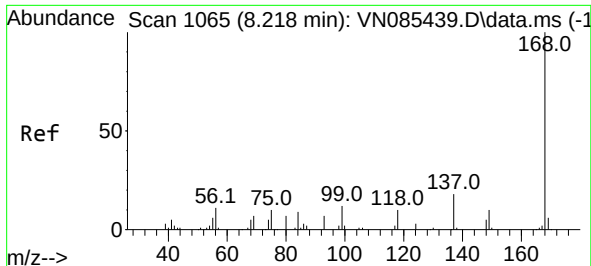
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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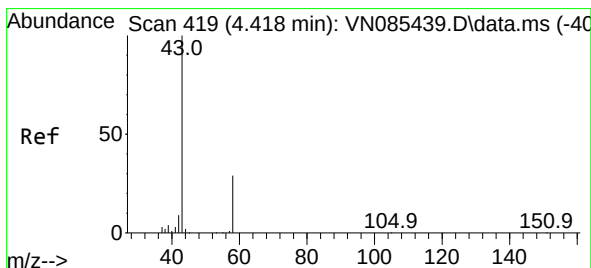
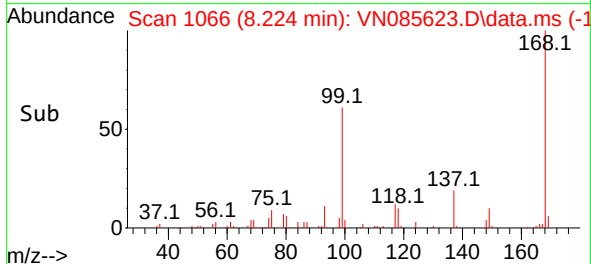
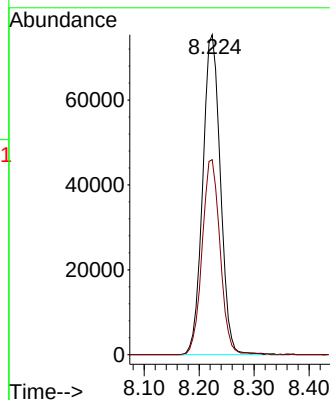
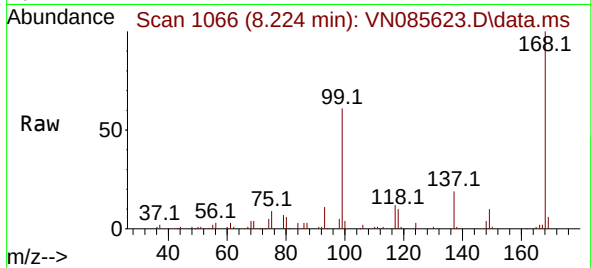




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085623.D
Acq: 03 Feb 2025 15:36

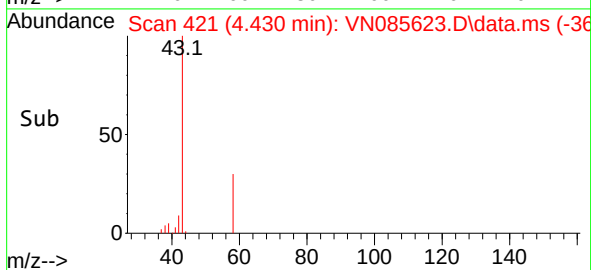
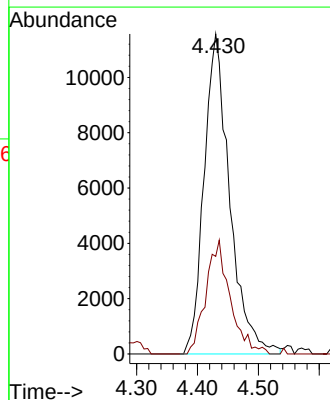
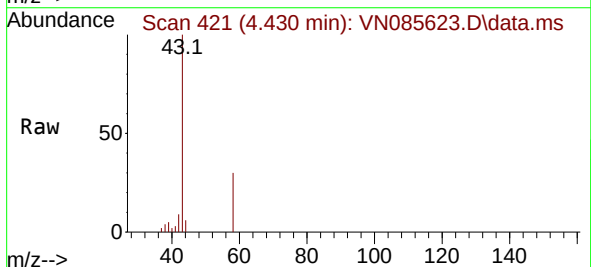
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#02

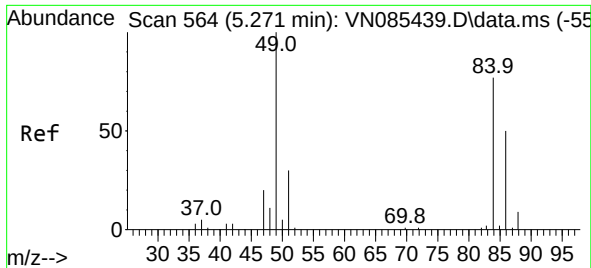
Tgt Ion:168 Resp: 168602
Ion Ratio Lower Upper
168 100
99 60.9 53.6 80.4



#16
Acetone
Concen: 38.489 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085623.D
Acq: 03 Feb 2025 15:36

Tgt Ion: 43 Resp: 33846
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.6



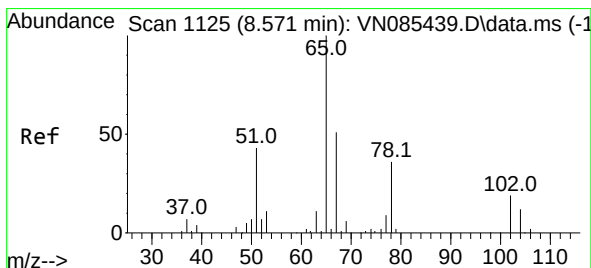
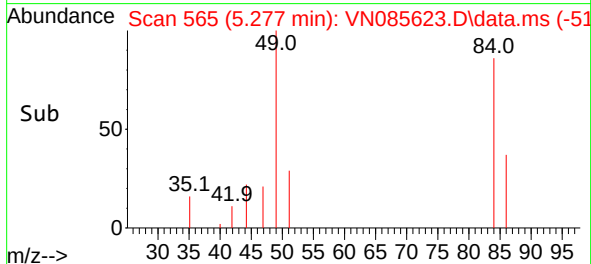
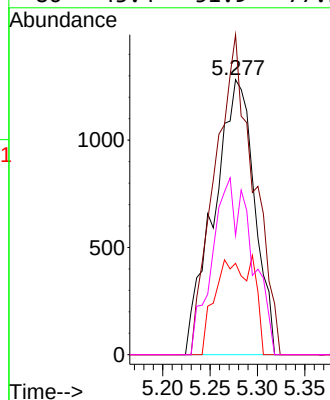
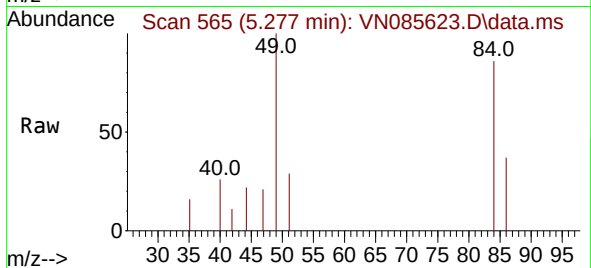


#20
Methylene Chloride
Concen: 1.756 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085623.D
Acq: 03 Feb 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#02

Tgt Ion: 84 Resp: 3822

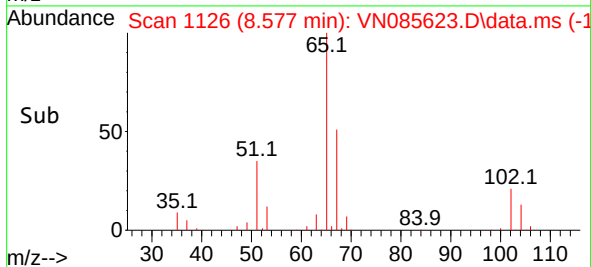
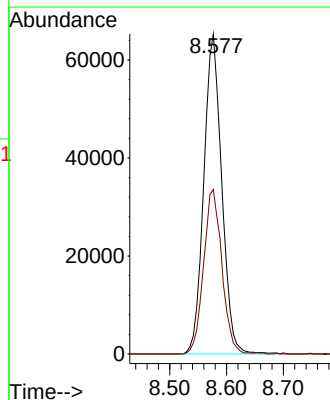
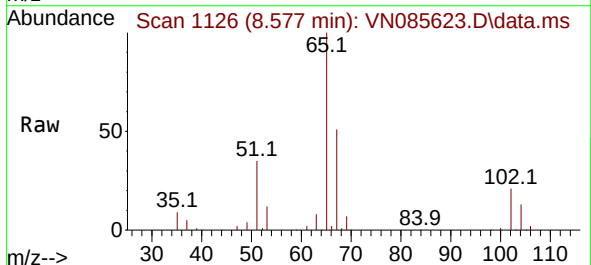
Ion	Ratio	Lower	Upper
84	100		
49	116.4	104.1	156.1
51	33.2	31.0	46.4
86	43.4	51.9	77.9

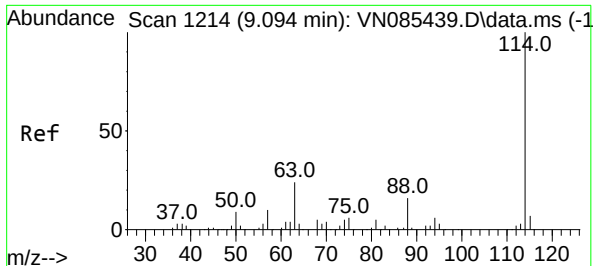


#33
1,2-Dichloroethane-d4
Concen: 52.545 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085623.D
Acq: 03 Feb 2025 15:36

Tgt Ion: 65 Resp: 143006

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN085623.D

Acq: 03 Feb 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB166424ZHE#02

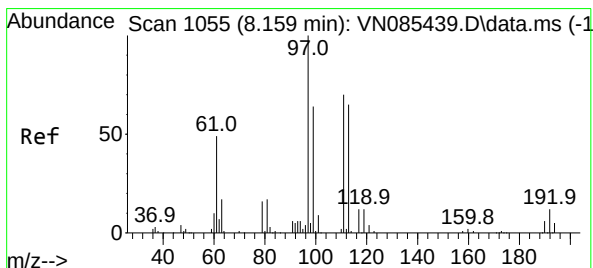
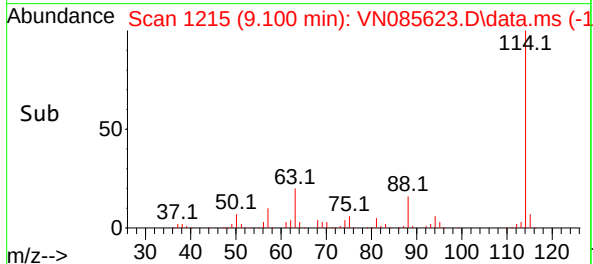
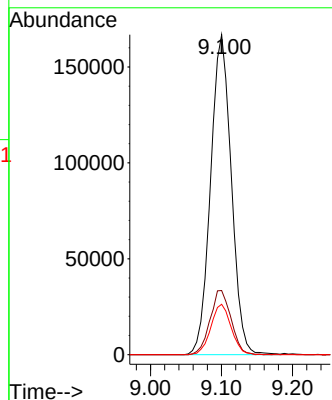
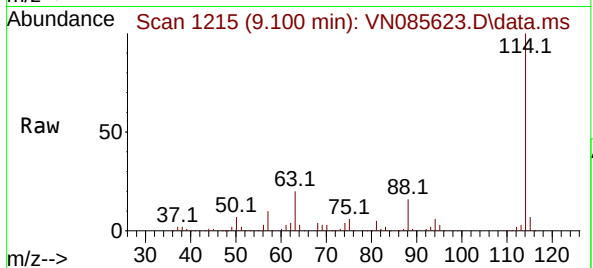
Tgt Ion:114 Resp: 337667

Ion Ratio Lower Upper

114 100

63 20.1 0.0 47.6

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.805 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085623.D

Acq: 03 Feb 2025 15:36

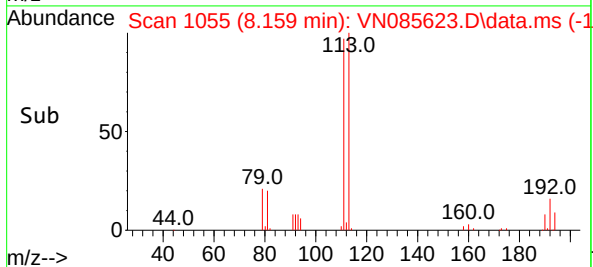
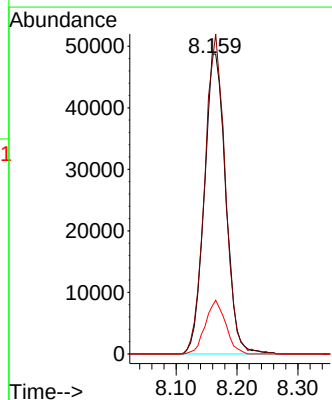
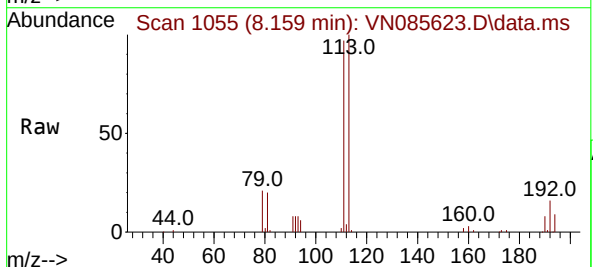
Tgt Ion:113 Resp: 119014

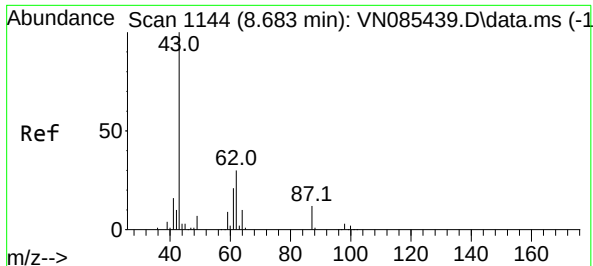
Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

192 17.0 14.3 21.5

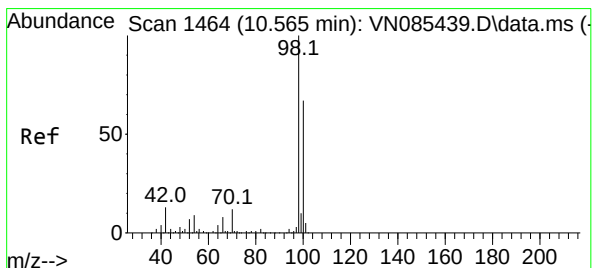
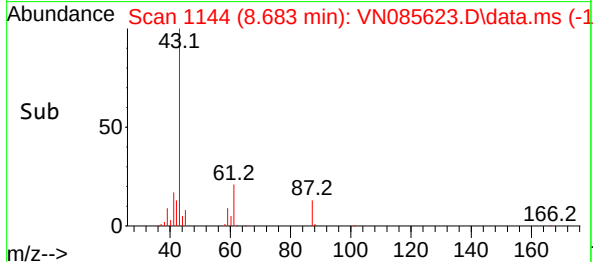
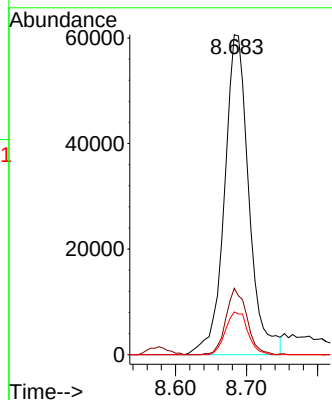
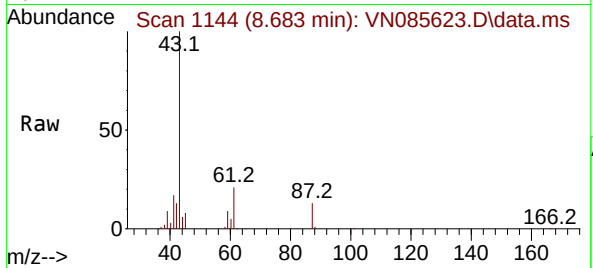




#43
Isopropyl Acetate
Concen: 27.261 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085623.D
Acq: 03 Feb 2025 15:36

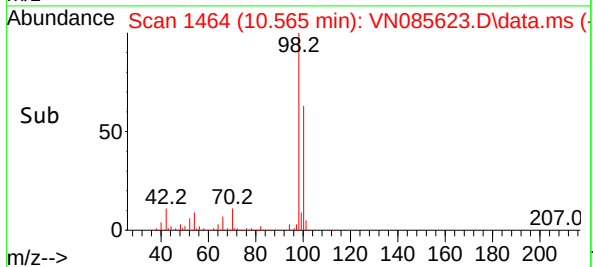
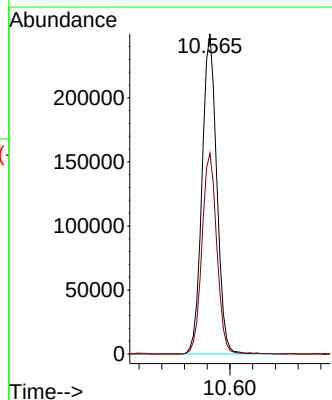
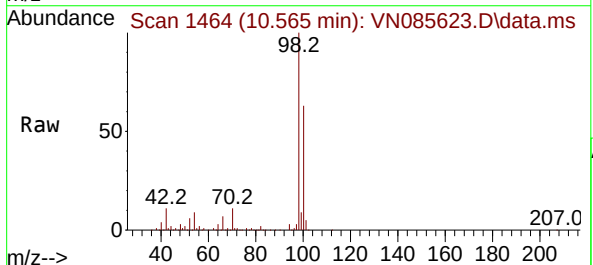
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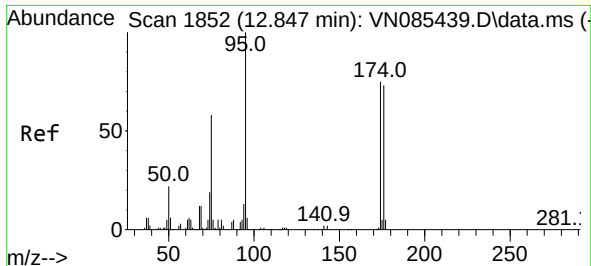
Tgt Ion: 43 Resp: 144960
Ion Ratio Lower Upper
43 100
61 17.7 20.7 31.1#
87 12.1 9.8 14.8



#50
Toluene-d8
Concen: 54.076 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085623.D
Acq: 03 Feb 2025 15:36

Tgt Ion: 98 Resp: 450085
Ion Ratio Lower Upper
98 100
100 63.1 52.2 78.4

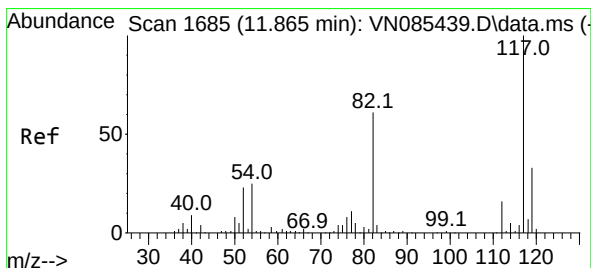
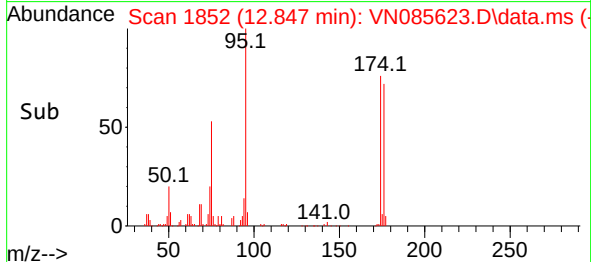
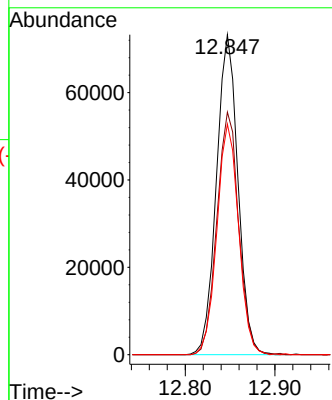
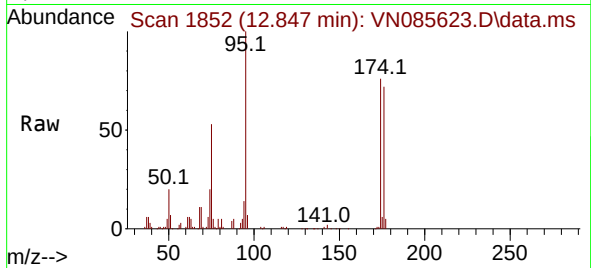




#62
4-Bromofluorobenzene
Concen: 42.822 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085623.D
Acq: 03 Feb 2025 15:36

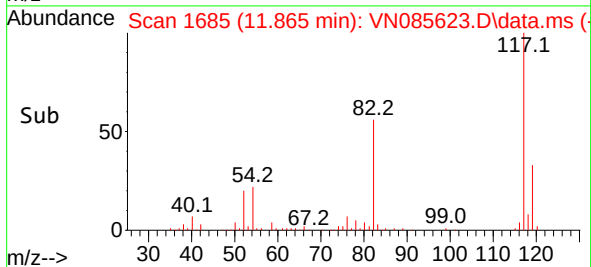
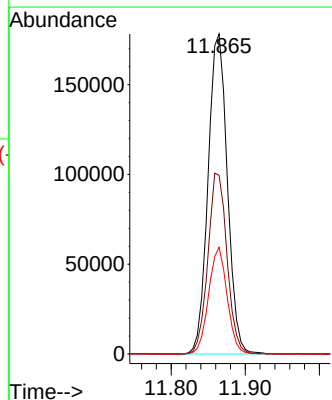
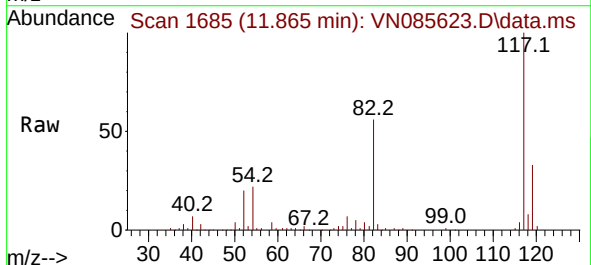
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#02

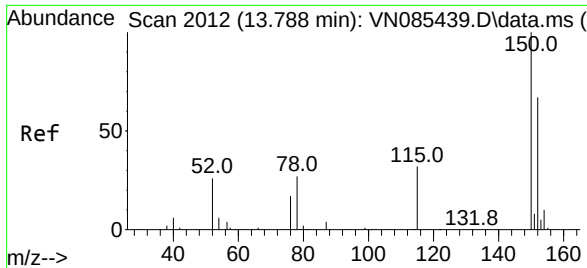
Tgt Ion: 95 Resp: 121921
Ion Ratio Lower Upper
95 100
174 77.3 0.0 145.0
176 72.6 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085623.D
Acq: 03 Feb 2025 15:36

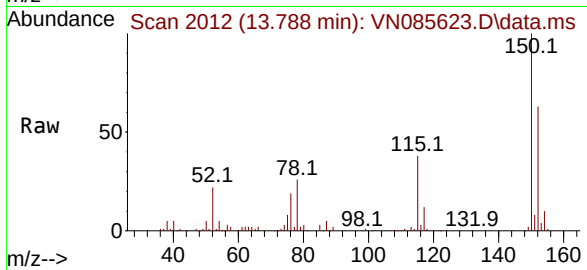
Tgt Ion: 117 Resp: 322246
Ion Ratio Lower Upper
117 100
82 55.9 48.6 72.8
119 33.4 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085623.D
 Acq: 03 Feb 2025 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#02



Tgt Ion:152 Resp: 108633
 Ion Ratio Lower Upper
 152 100
 115 61.0 31.1 93.3
 150 158.8 0.0 343.6

