

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085699.D
 Acq On : 07 Feb 2025 16:17
 Operator : JC\MD
 Sample : PB166592ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166592ZHE#01

Quant Time: Feb 07 22:32:47 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)

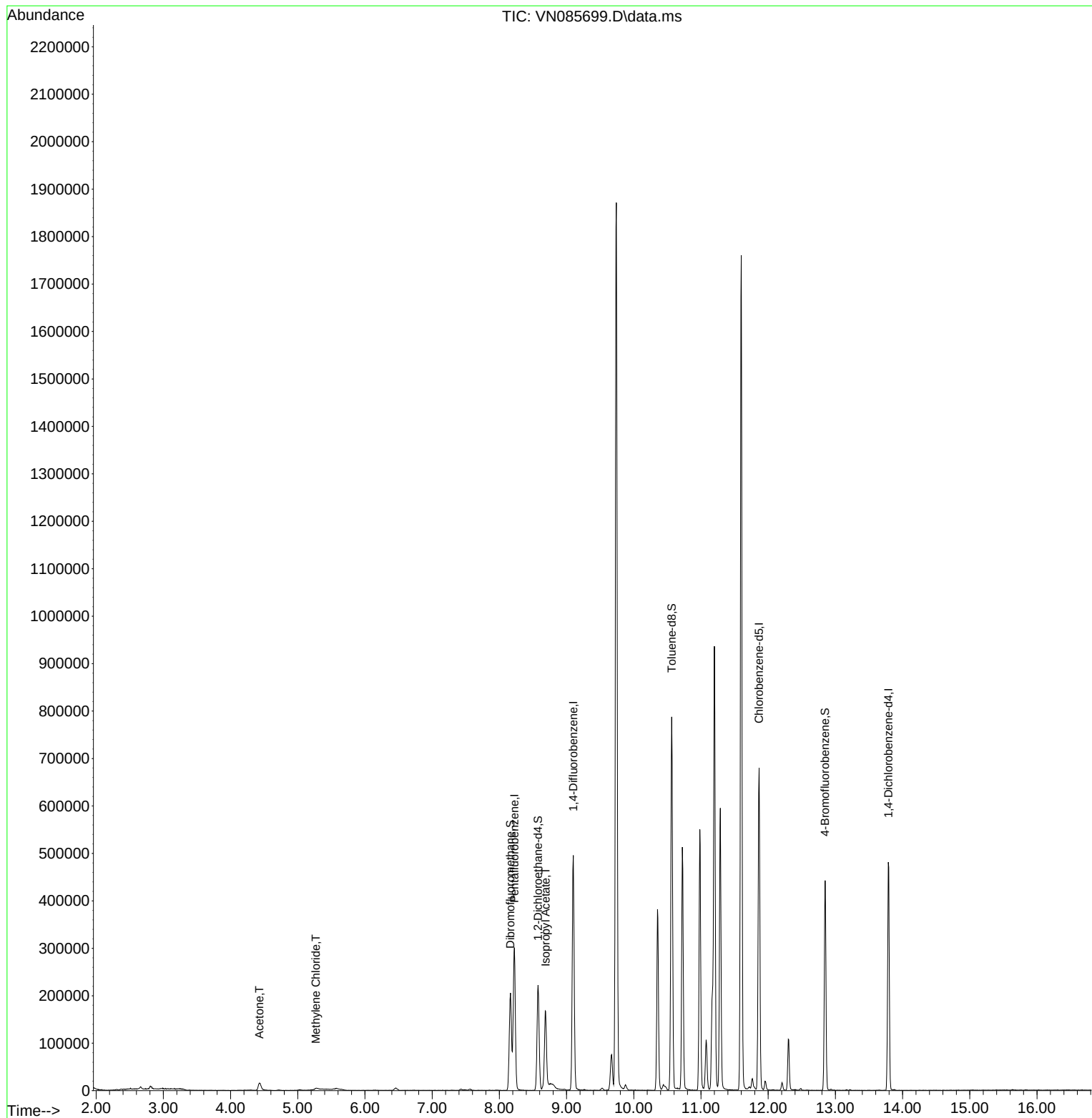
Internal Standards						
1) Pentafluorobenzene	8.224	168	208055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	412934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	386677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	180882	53.859	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.720%	
35) Dibromofluoromethane	8.165	113	146185	51.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.060%	
50) Toluene-d8	10.565	98	544176	53.464	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.920%	
62) 4-Bromofluorobenzene	12.847	95	149806	43.026	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 86.060%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	29844	27.502	ug/l	99
20) Methylene Chloride	5.271	84	2763	1.029	ug/l #	81
43) Isopropyl Acetate	8.688	43	187129	28.777	ug/l #	90

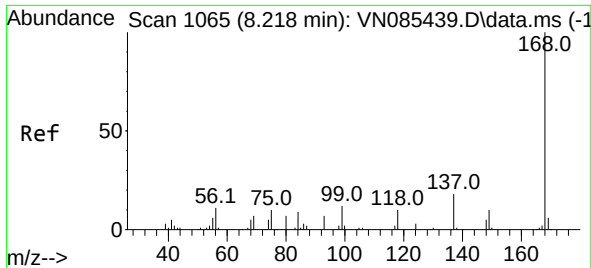
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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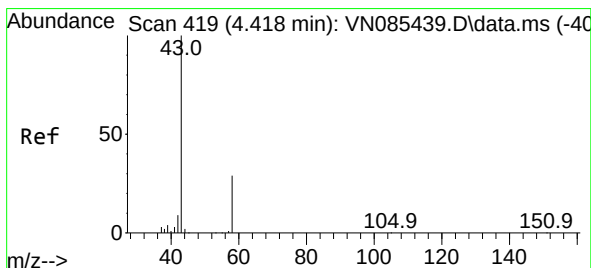
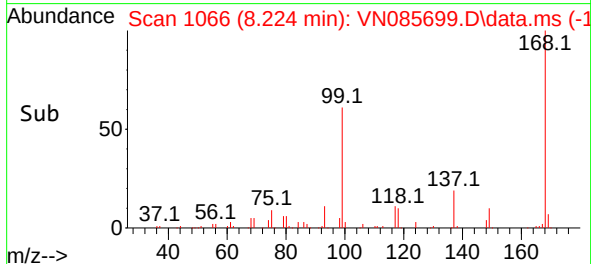
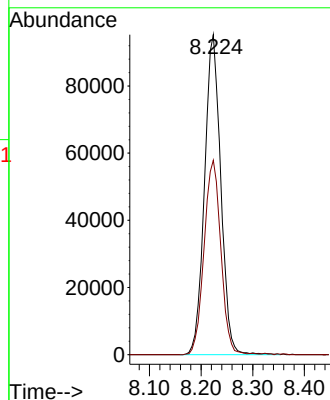
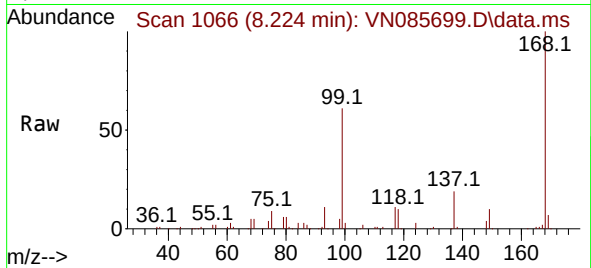




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085699.D
Acq: 07 Feb 2025 16:17

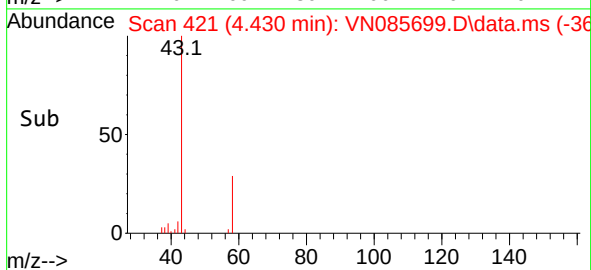
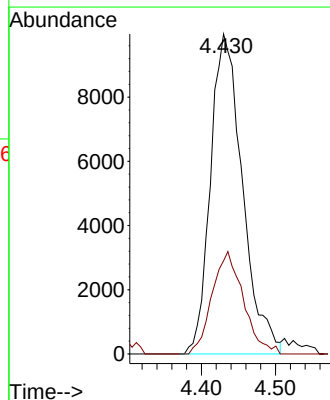
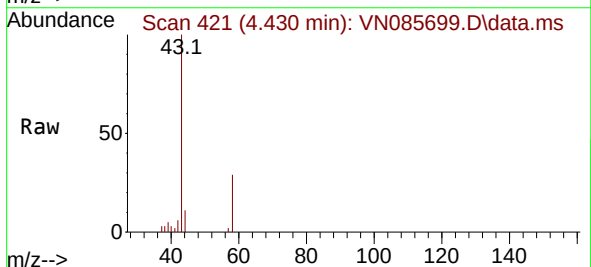
Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#01

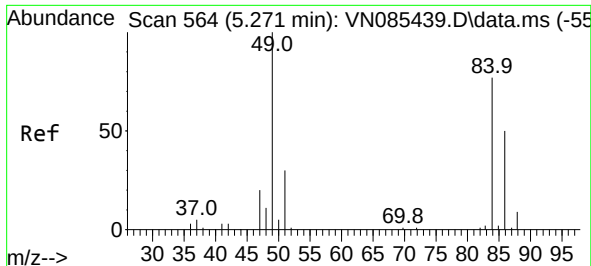
Tgt Ion:168 Resp: 208055
Ion Ratio Lower Upper
168 100
99 60.8 53.6 80.4



#16
Acetone
Concen: 27.502 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085699.D
Acq: 07 Feb 2025 16:17

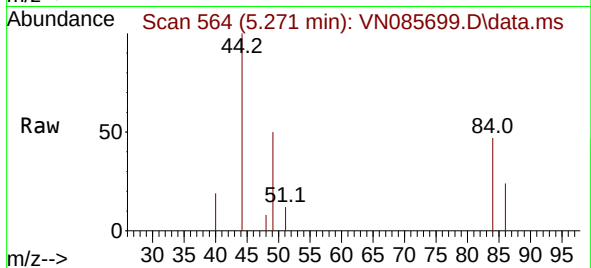
Tgt Ion: 43 Resp: 29844
Ion Ratio Lower Upper
43 100
58 29.1 23.8 35.6





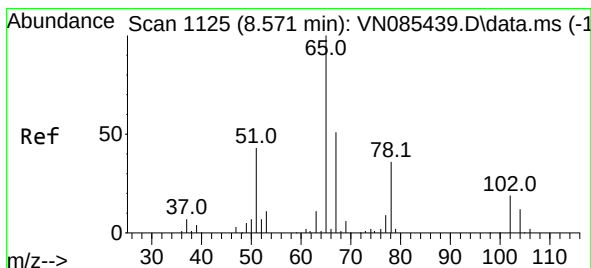
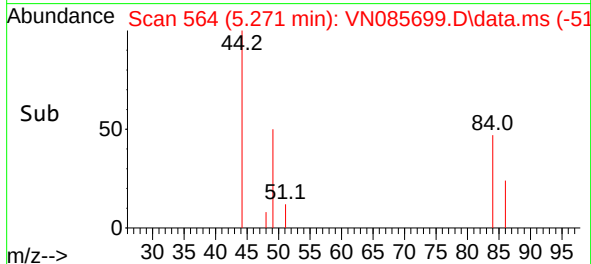
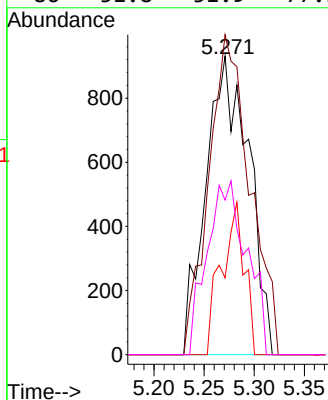
#20
Methylene Chloride
Concen: 1.029 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085699.D
Acq: 07 Feb 2025 16:17

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#01



Tgt Ion: 84 Resp: 2763

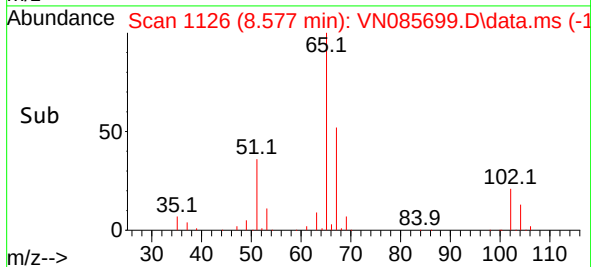
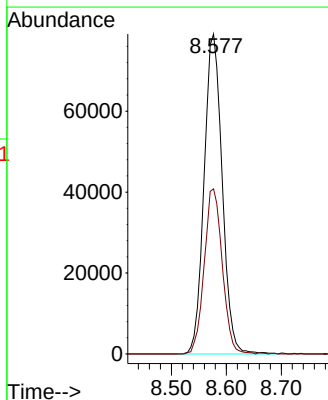
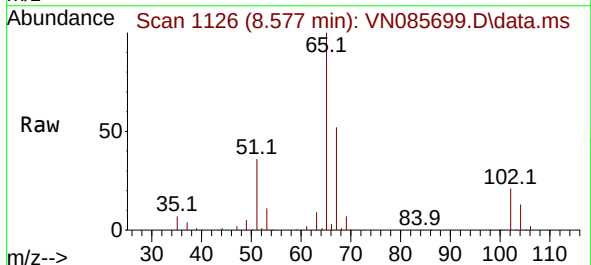
Ion	Ratio	Lower	Upper
84	100		
49	107.2	104.1	156.1
51	25.8	31.0	46.4#
86	51.8	51.9	77.9#

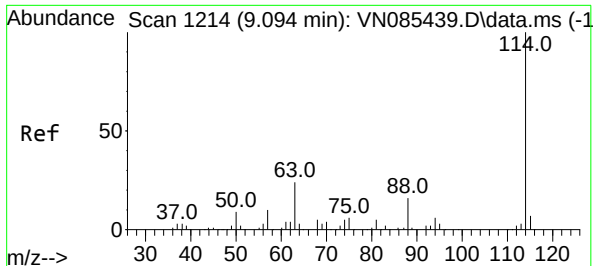


#33
1,2-Dichloroethane-d4
Concen: 53.859 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085699.D
Acq: 07 Feb 2025 16:17

Tgt Ion: 65 Resp: 180882

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085699.D

Acq: 07 Feb 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

PB166592ZHE#01

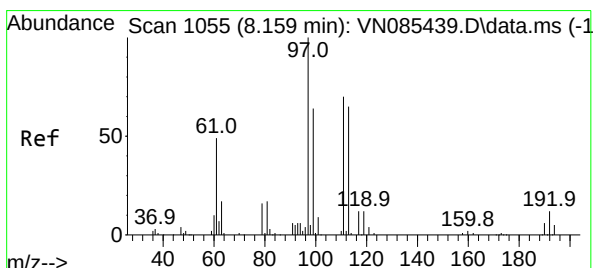
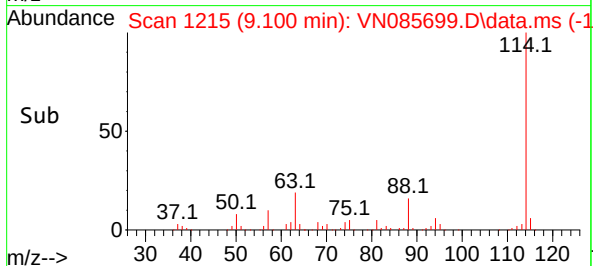
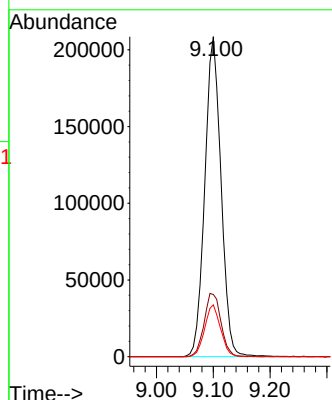
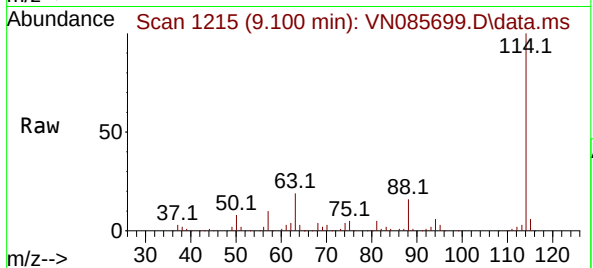
Tgt Ion:114 Resp: 412934

Ion Ratio Lower Upper

114 100

63 19.5 0.0 47.6

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.029 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085699.D

Acq: 07 Feb 2025 16:17

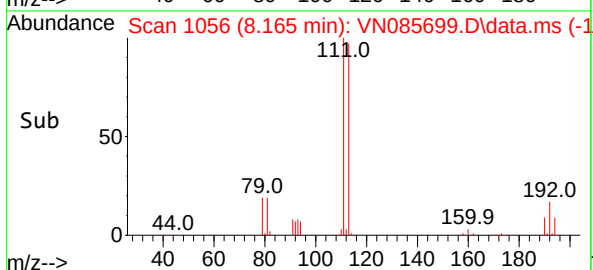
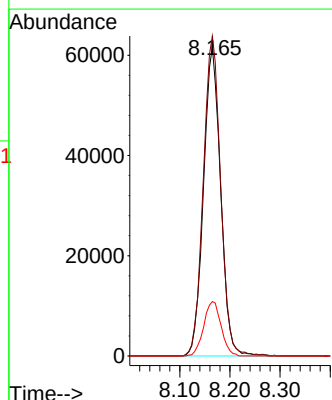
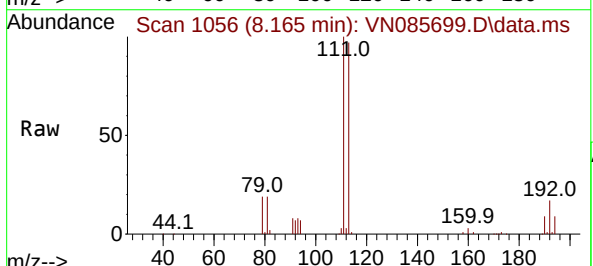
Tgt Ion:113 Resp: 146185

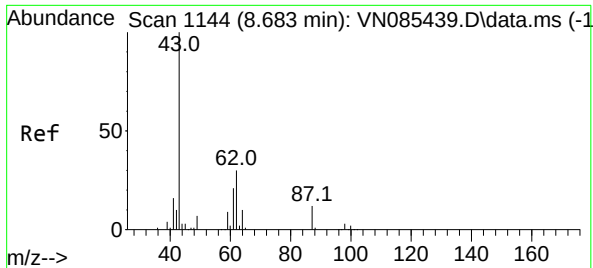
Ion Ratio Lower Upper

113 100

111 104.7 82.7 124.1

192 17.9 14.3 21.5

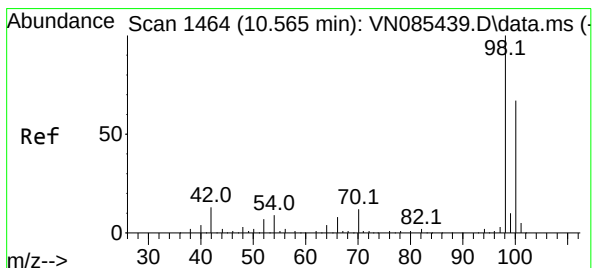
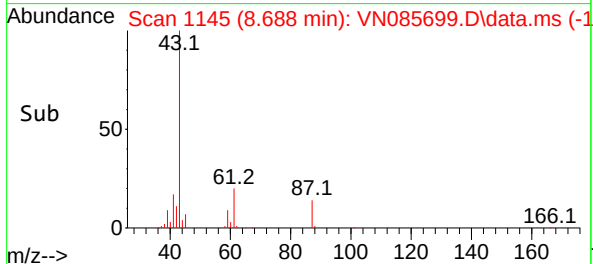
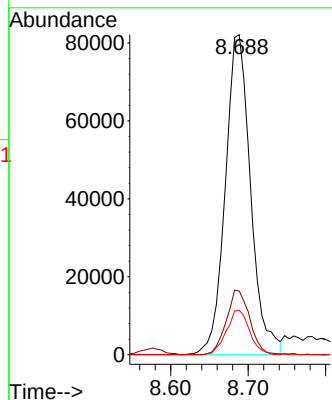
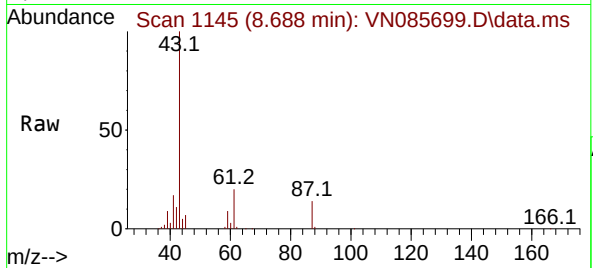




#43
Isopropyl Acetate
Concen: 28.777 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085699.D
Acq: 07 Feb 2025 16:17

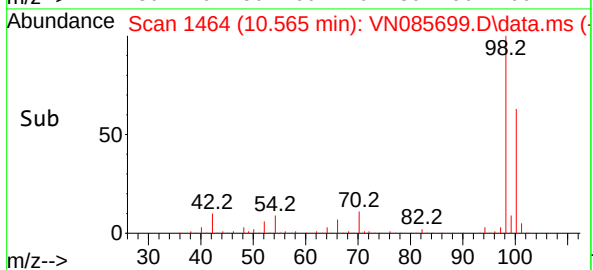
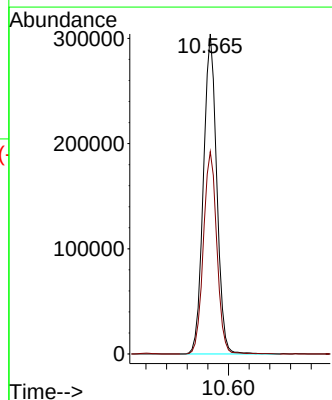
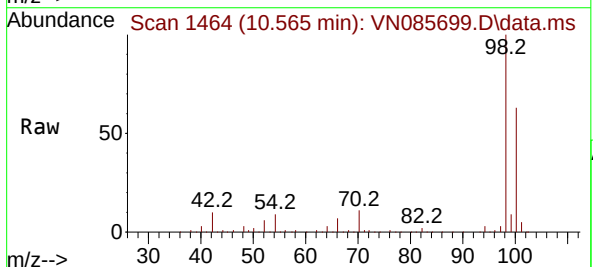
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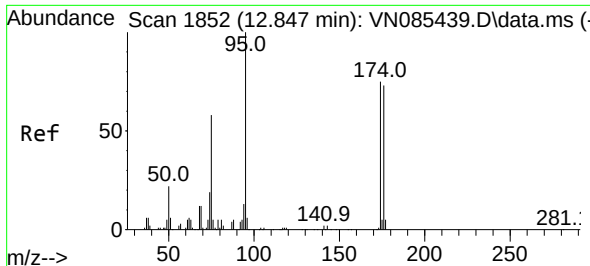
Tgt Ion: 43 Resp: 187129
Ion Ratio Lower Upper
43 100
61 18.6 20.7 31.1#
87 12.6 9.8 14.8



#50
Toluene-d8
Concen: 53.464 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085699.D
Acq: 07 Feb 2025 16:17

Tgt Ion: 98 Resp: 544176
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4

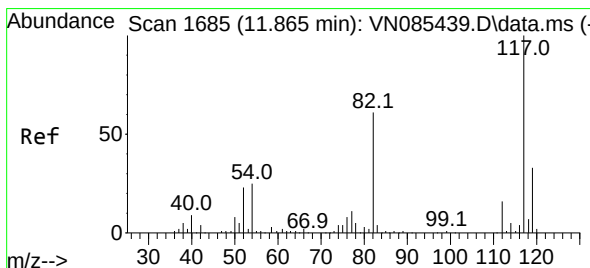
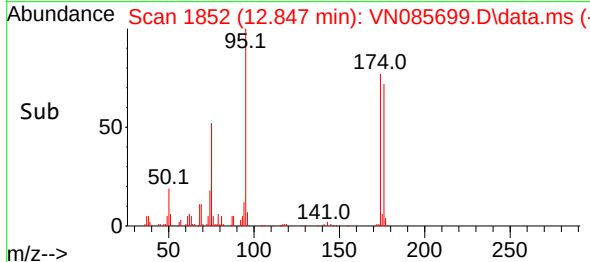
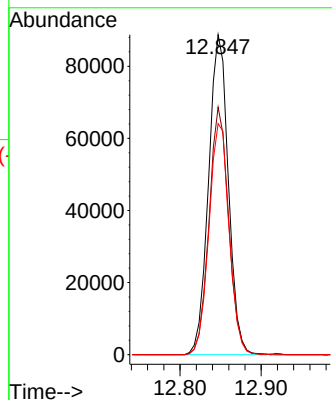
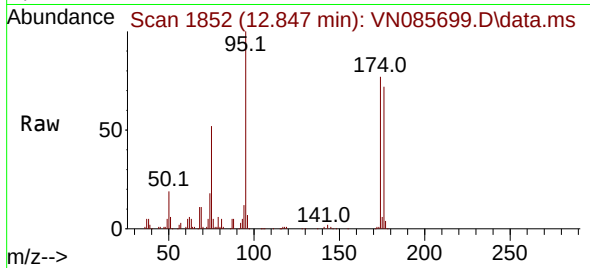




#62
4-Bromofluorobenzene
Concen: 43.026 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085699.D
Acq: 07 Feb 2025 16:17

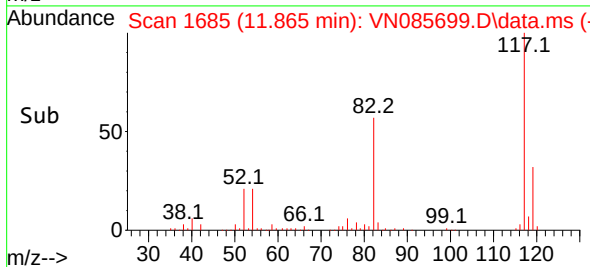
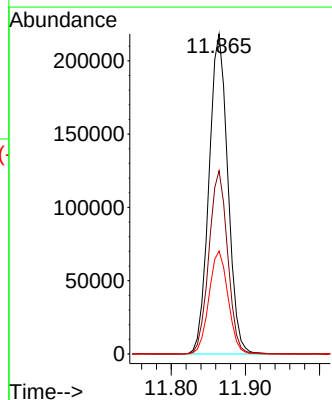
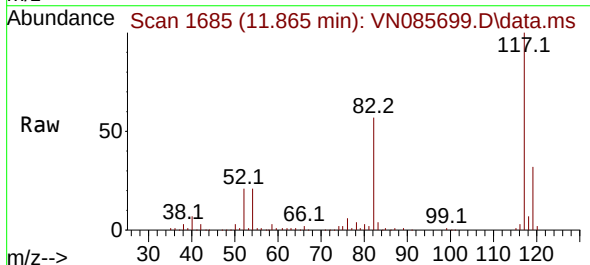
Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#01

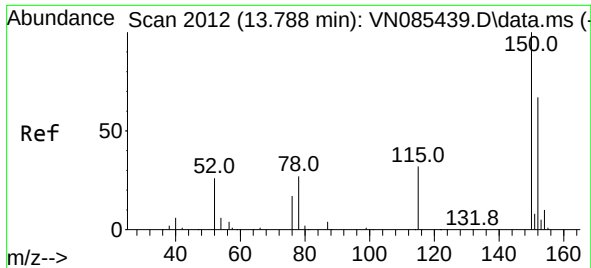
Tgt Ion: 95 Resp: 149806
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.0
176 73.6 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085699.D
Acq: 07 Feb 2025 16:17

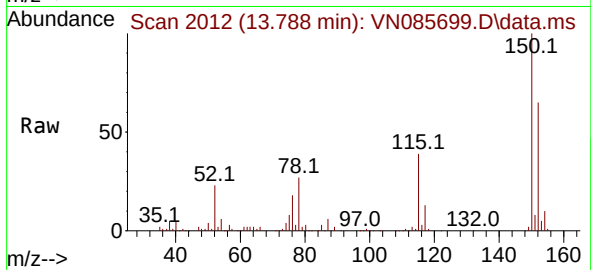
Tgt Ion: 117 Resp: 386677
Ion Ratio Lower Upper
117 100
82 57.3 48.6 72.8
119 32.2 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085699.D
 Acq: 07 Feb 2025 16:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166592ZHE#01



Tgt Ion:152 Resp: 132135
 Ion Ratio Lower Upper
 152 100
 115 59.4 31.1 93.3
 150 156.4 0.0 343.6

