

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021425\
 Data File : VN085768.D
 Acq On : 14 Feb 2025 13:54
 Operator : JC\MD
 Sample : PB166701ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166701ZHE#02

Quant Time: Feb 14 22:37:38 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)

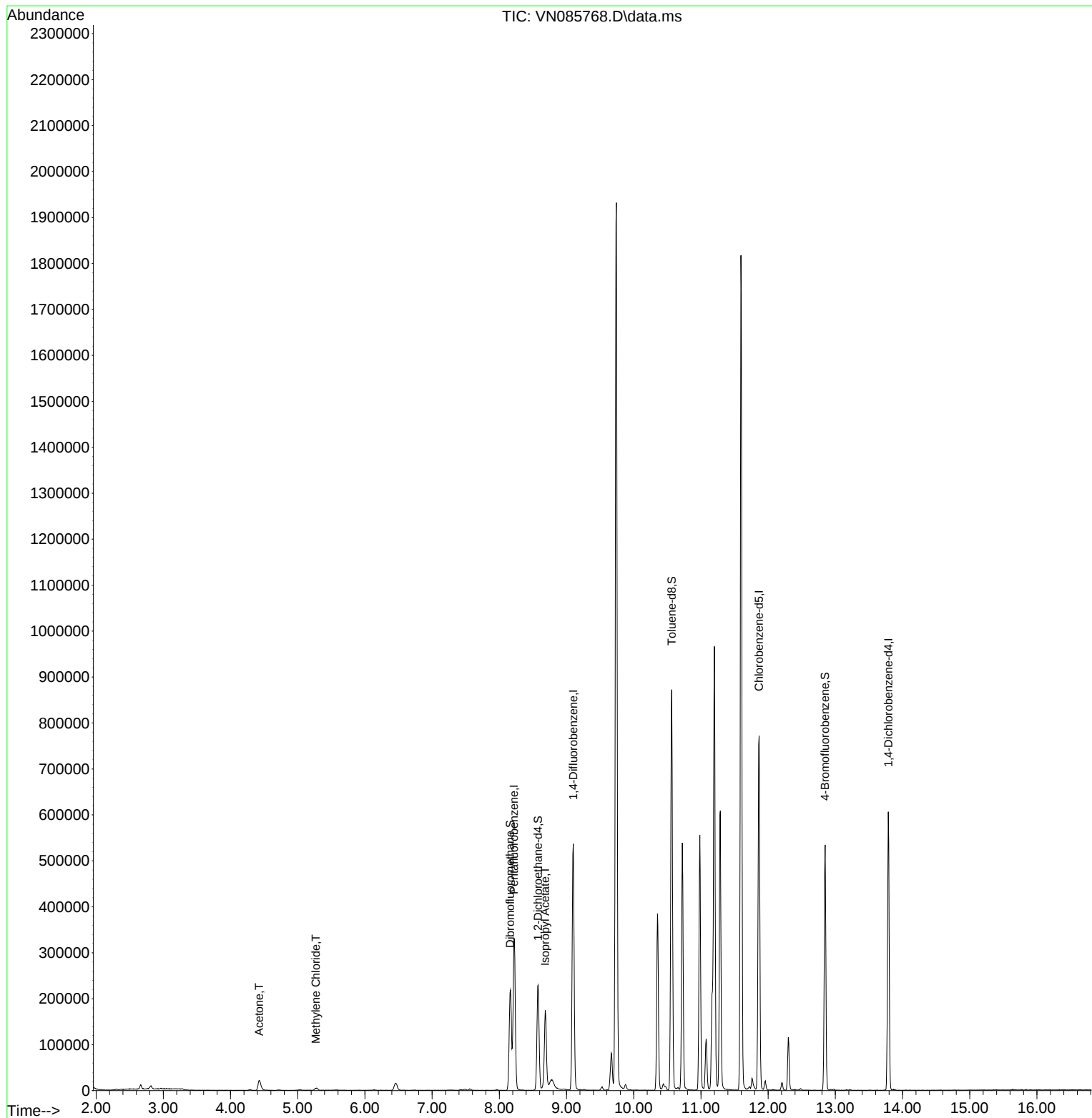
Internal Standards						
1) Pentafluorobenzene	8.218	168	241496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	464663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	456179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	190772	48.938	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.880%
35) Dibromofluoromethane	8.159	113	162963	50.553	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.100%
50) Toluene-d8	10.565	98	606063	52.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.840%
62) 4-Bromofluorobenzene	12.847	95	184551	47.104	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.200%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	42506	33.747	ug/l	97
20) Methylene Chloride	5.271	84	4269	1.369	ug/l #	74
43) Isopropyl Acetate	8.683	43	191682	26.196	ug/l #	91

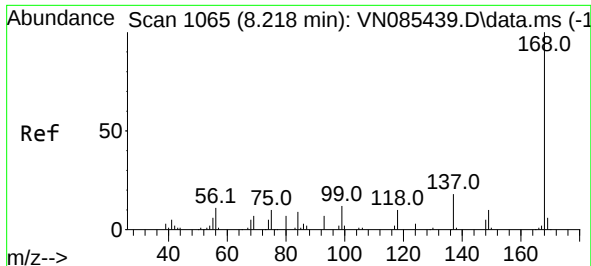
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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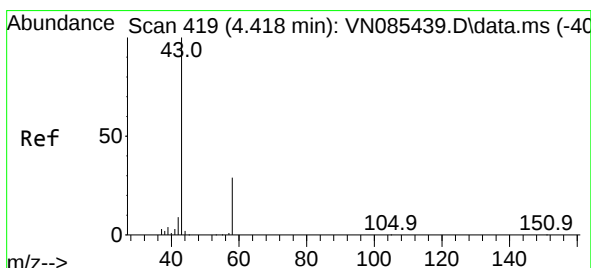
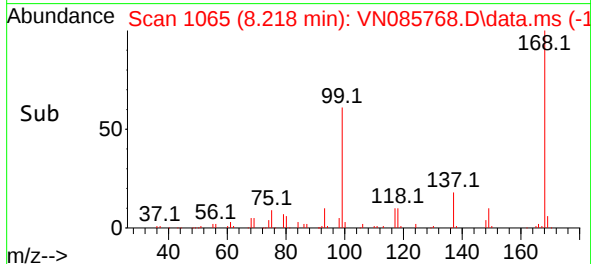
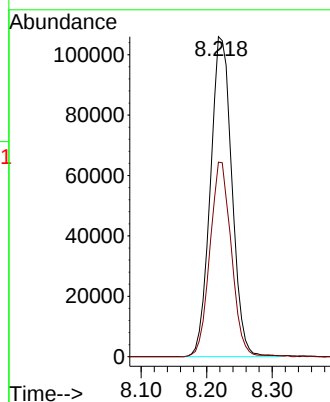
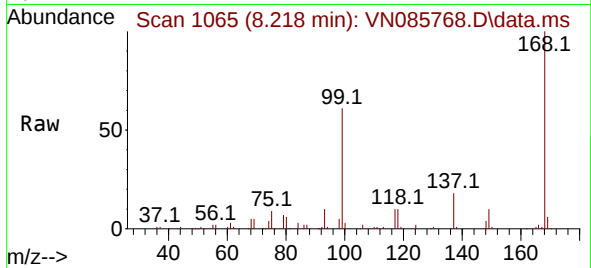




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085768.D
Acq: 14 Feb 2025 13:54

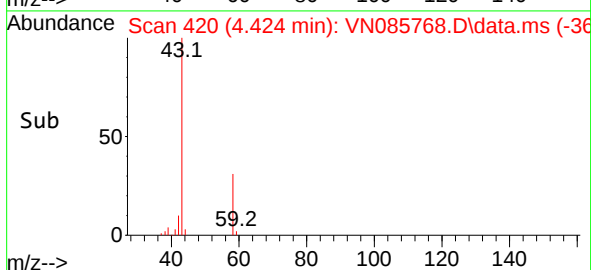
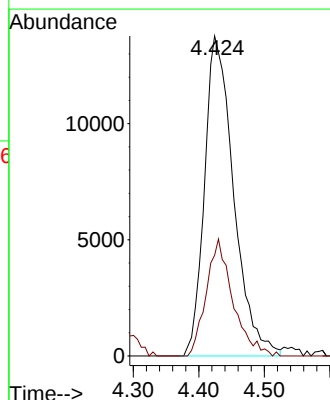
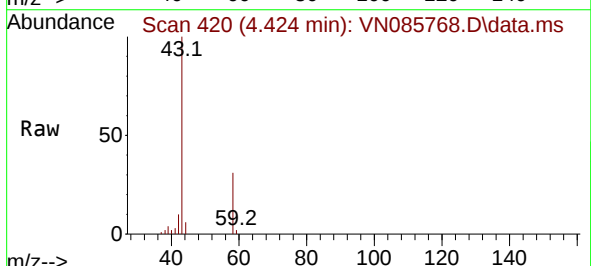
Instrument :
MSVOA_N
ClientSampleId :
PB166701ZHE#02

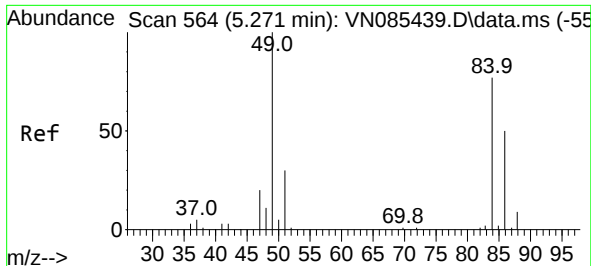
Tgt Ion:168 Resp: 241496
Ion Ratio Lower Upper
168 100
99 60.8 53.6 80.4



#16
Acetone
Concen: 33.747 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085768.D
Acq: 14 Feb 2025 13:54

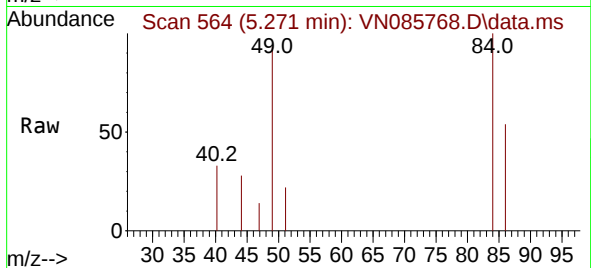
Tgt Ion: 43 Resp: 42506
Ion Ratio Lower Upper
43 100
58 31.5 23.8 35.6



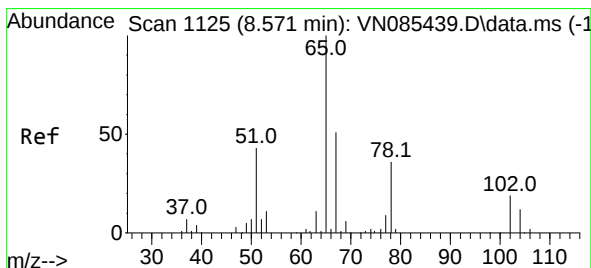
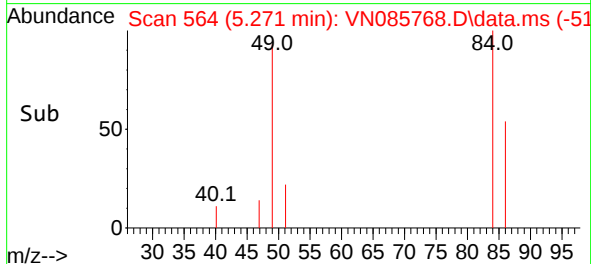
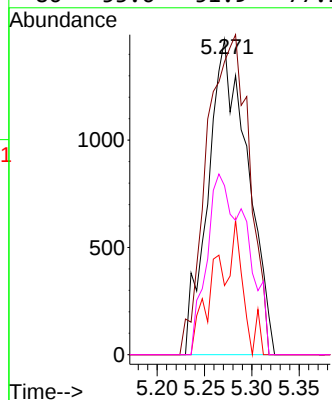


#20
Methylene Chloride
Concen: 1.369 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085768.D
Acq: 14 Feb 2025 13:54

Instrument :
MSVOA_N
ClientSampleId :
PB166701ZHE#02

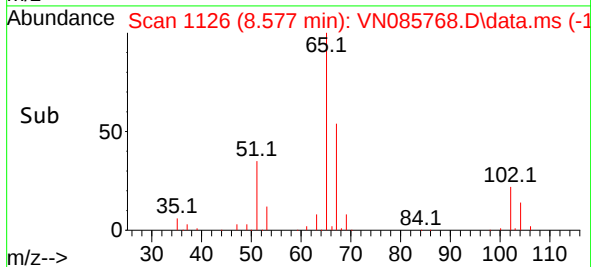
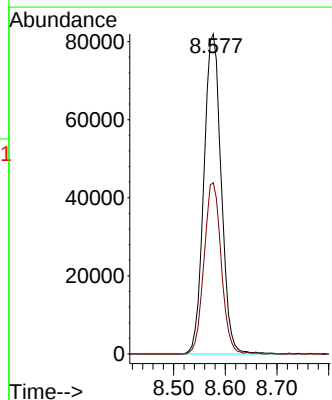
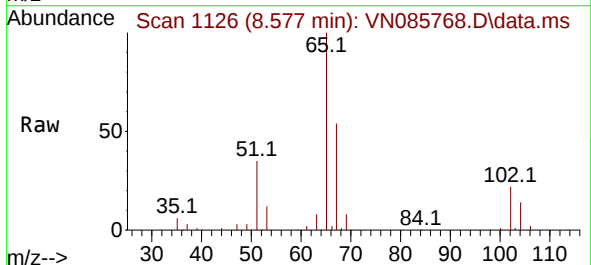


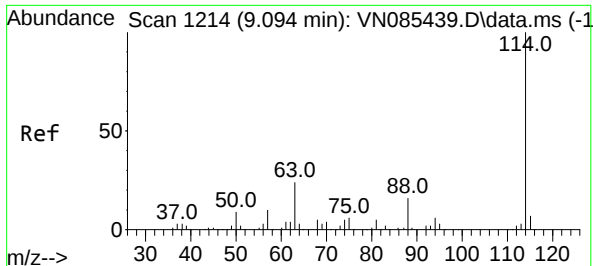
Tgt Ion:	84	Resp:	4269
Ion	Ratio	Lower	Upper
84	100		
49	93.0	104.1	156.1#
51	21.9	31.0	46.4#
86	53.6	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 48.938 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085768.D
Acq: 14 Feb 2025 13:54

Tgt Ion:	65	Resp:	190772
Ion	Ratio	Lower	Upper
65	100		
67	53.1	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: VN085768.D

Acq: 14 Feb 2025 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB166701ZHE#02

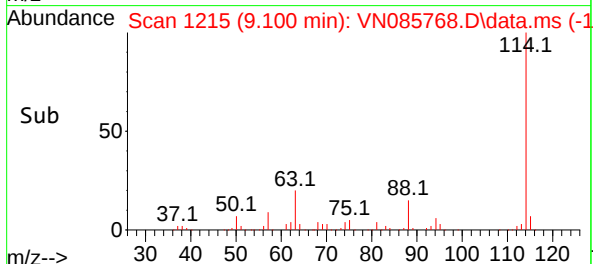
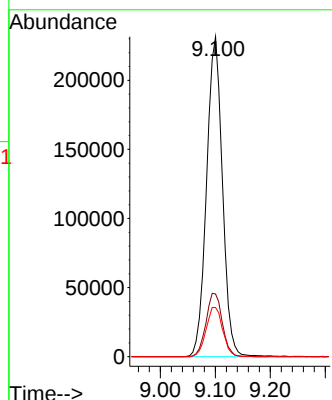
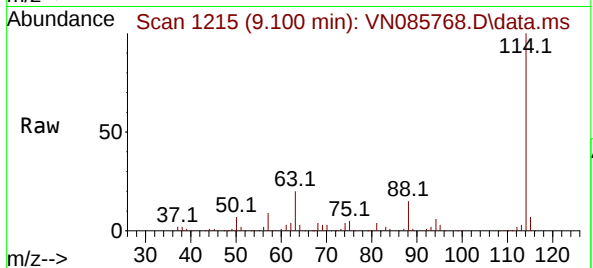
Tgt Ion:114 Resp: 464663

Ion Ratio Lower Upper

114 100

63 19.6 0.0 47.6

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.553 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085768.D

Acq: 14 Feb 2025 13:54

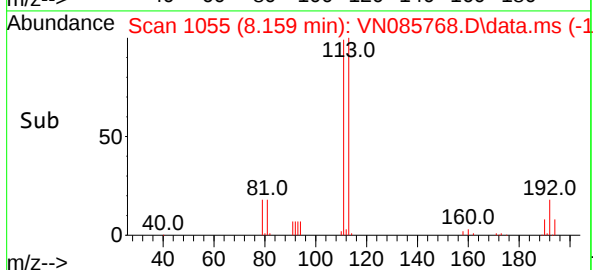
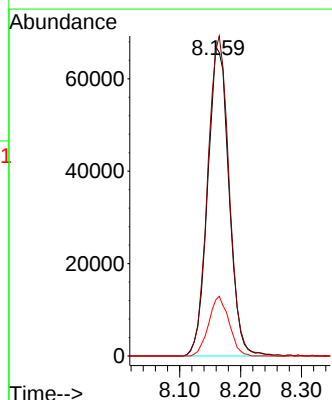
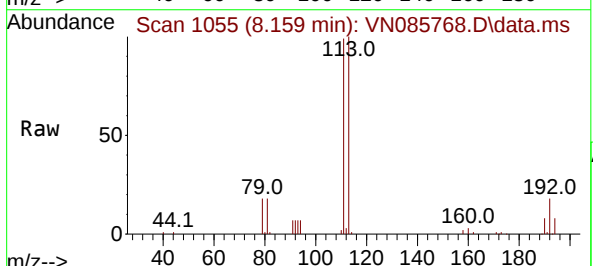
Tgt Ion:113 Resp: 162963

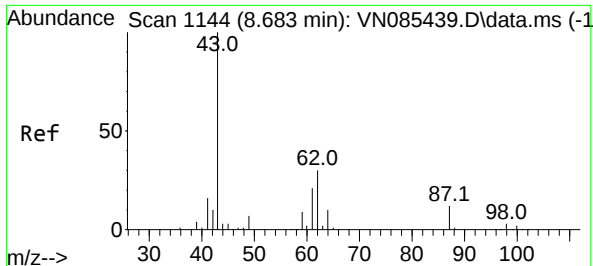
Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

192 18.4 14.3 21.5

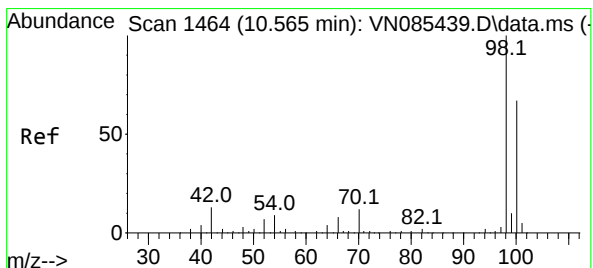
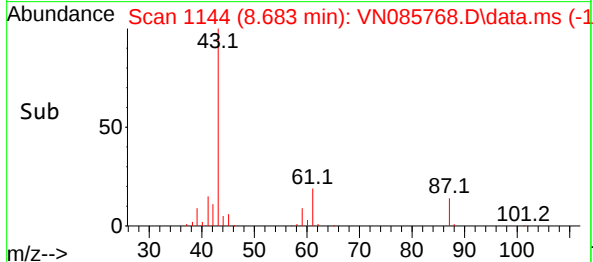
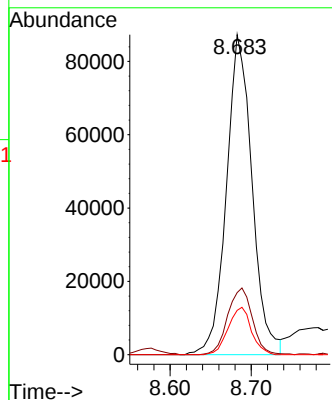
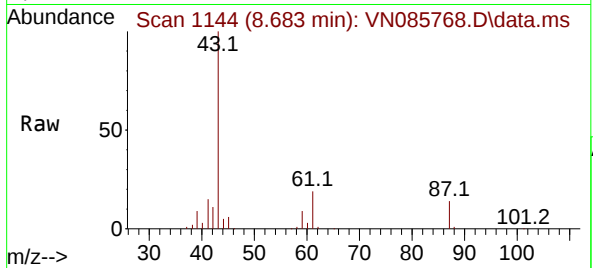




#43
Isopropyl Acetate
Concen: 26.196 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085768.D
Acq: 14 Feb 2025 13:54

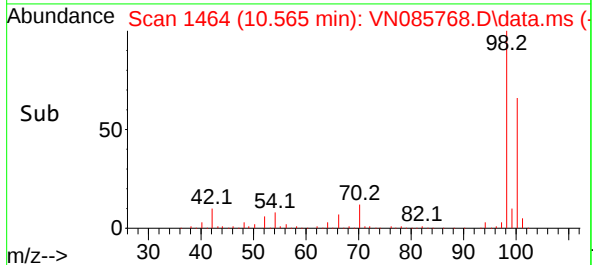
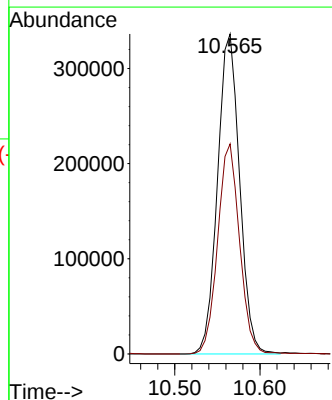
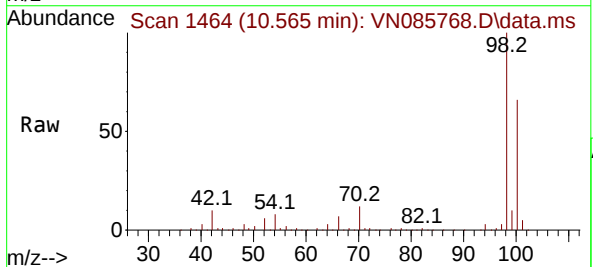
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PB166701ZHE#02

Tgt Ion: 43 Resp: 191682
Ion Ratio Lower Upper
43 100
61 20.1 20.7 31.1#
87 13.4 9.8 14.8



#50
Toluene-d8
Concen: 52.915 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085768.D
Acq: 14 Feb 2025 13:54

Tgt Ion: 98 Resp: 606063
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

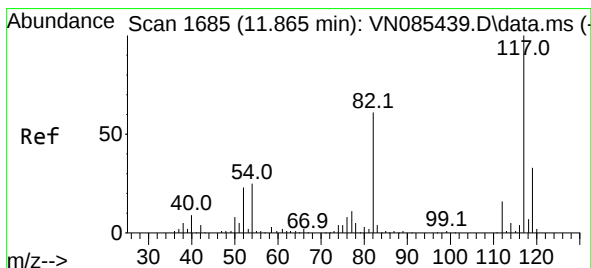
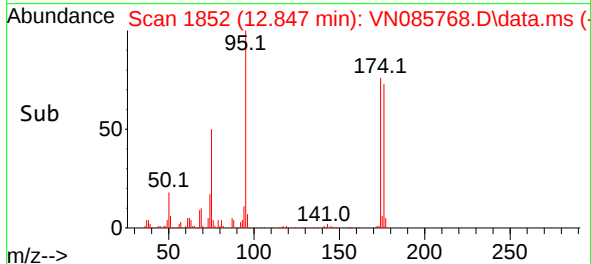
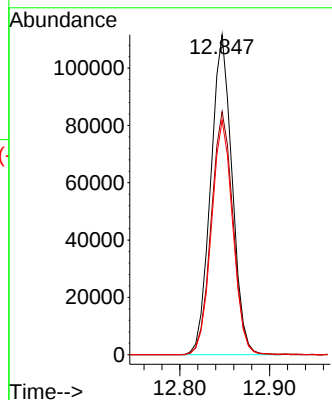
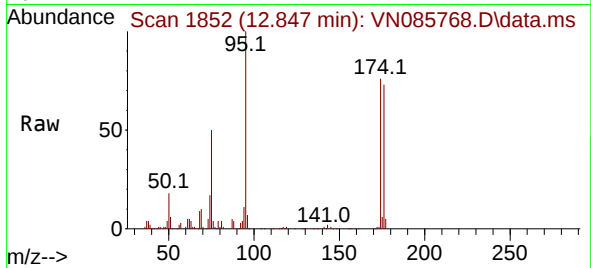




#62
4-Bromofluorobenzene
Concen: 47.104 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085768.D
Acq: 14 Feb 2025 13:54

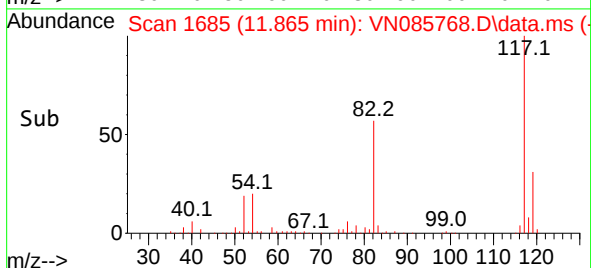
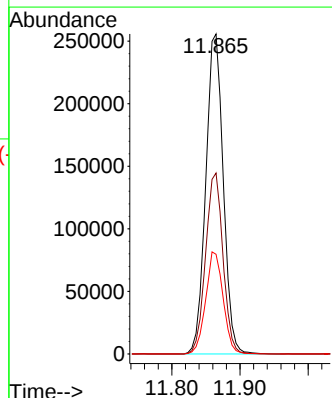
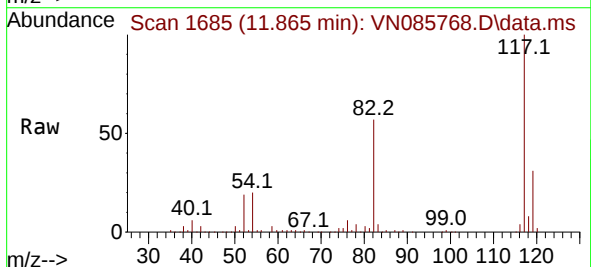
Instrument :
MSVOA_N
ClientSampleId :
PB166701ZHE#02

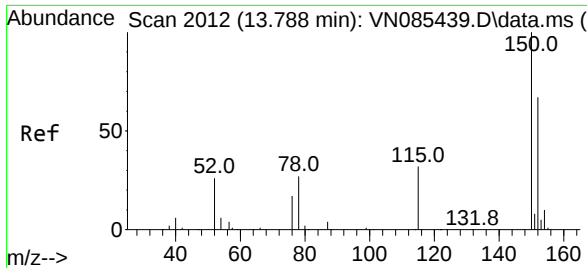
Tgt Ion: 95 Resp: 184551
Ion Ratio Lower Upper
95 100
174 77.5 0.0 145.0
176 73.1 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085768.D
Acq: 14 Feb 2025 13:54

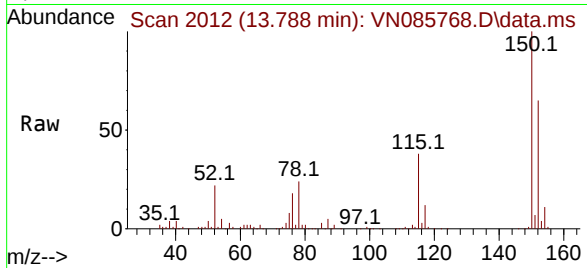
Tgt Ion: 117 Resp: 456179
Ion Ratio Lower Upper
117 100
82 56.5 48.6 72.8
119 31.1 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085768.D
 Acq: 14 Feb 2025 13:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166701ZHE#02



Tgt Ion:152 Resp: 164751
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.1 93.3
 150 158.1 0.0 343.6

