

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086404.D
 Acq On : 28 Apr 2025 12:20
 Operator : JC\MD
 Sample : PB167744ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#01

Quant Time: Apr 29 01:50:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

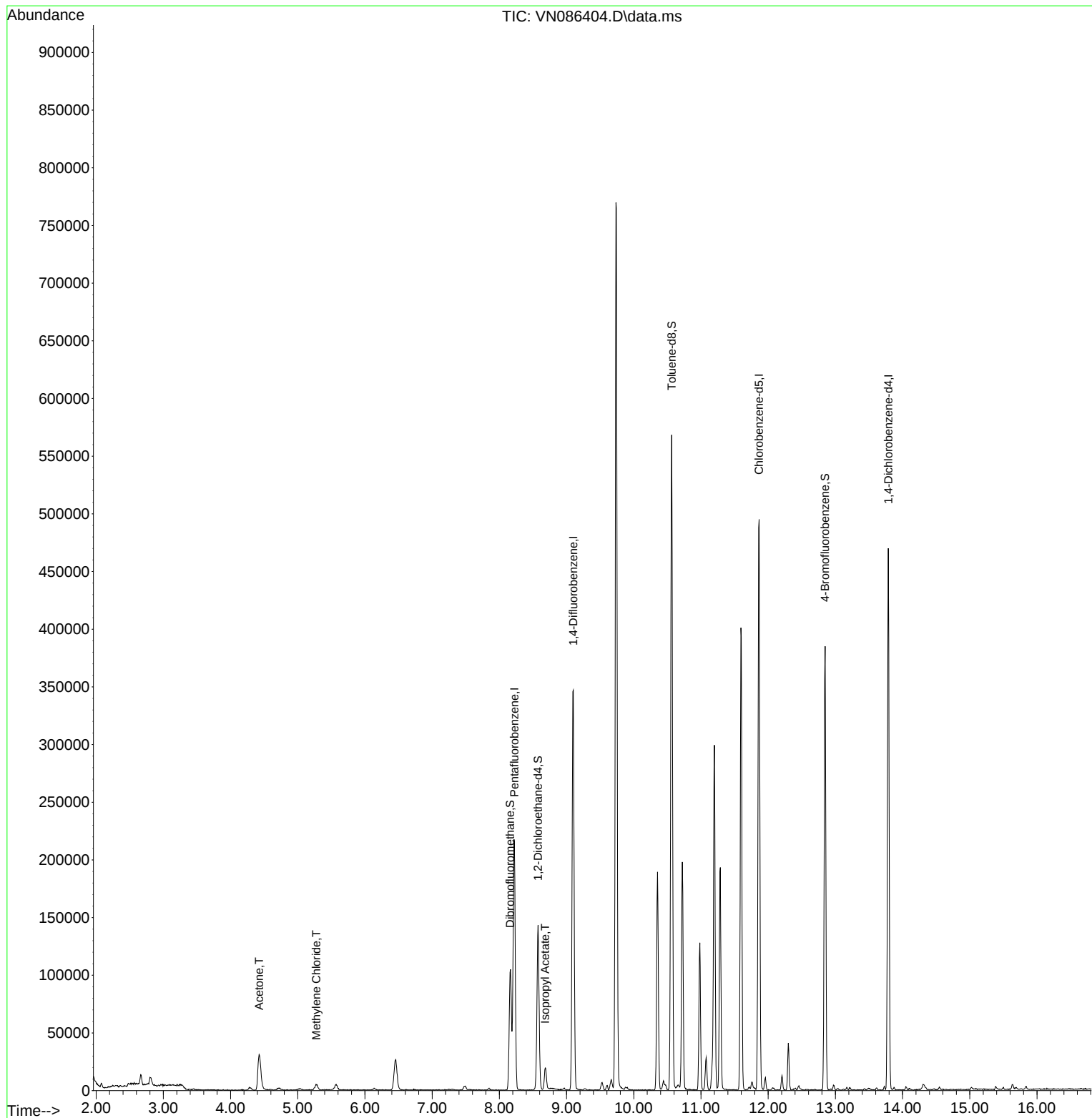
Internal Standards						
1) Pentafluorobenzene	8.224	168	161699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	115696	49.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.680%
35) Dibromofluoromethane	8.159	113	78598	54.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.120%
50) Toluene-d8	10.565	98	395090	51.311	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.847	95	140858	50.155	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.300%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	64499	75.579	ug/l	98
20) Methylene Chloride	5.277	84	4078	1.881	ug/l	88
43) Isopropyl Acetate	8.682	43	23746	2.553	ug/l #	90

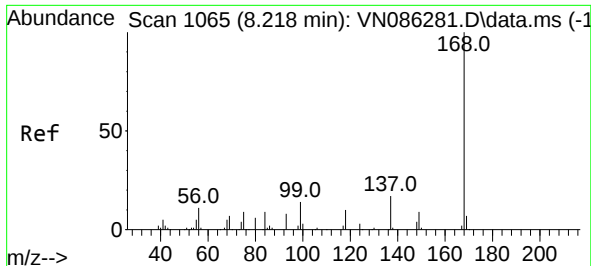
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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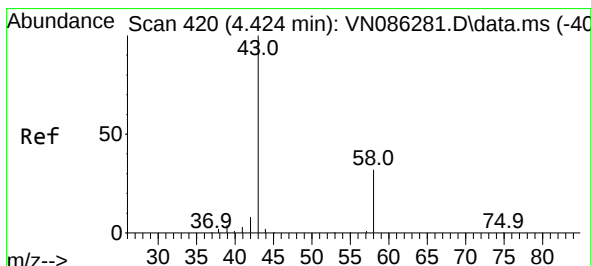
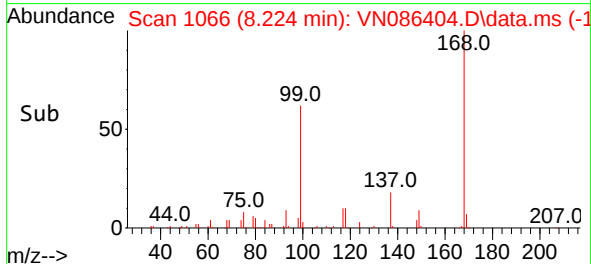
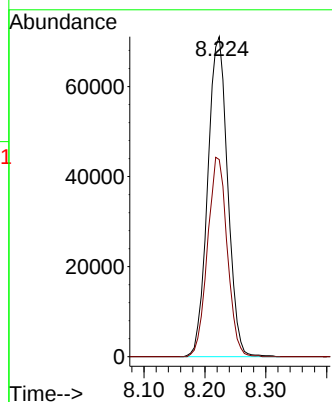
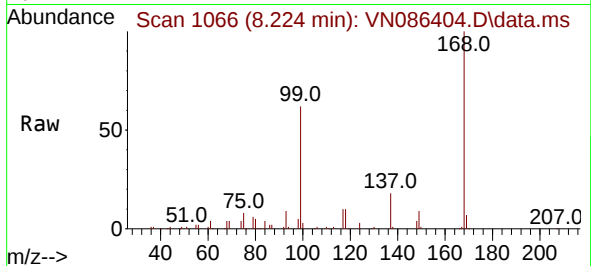




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086404.D
Acq: 28 Apr 2025 12:20

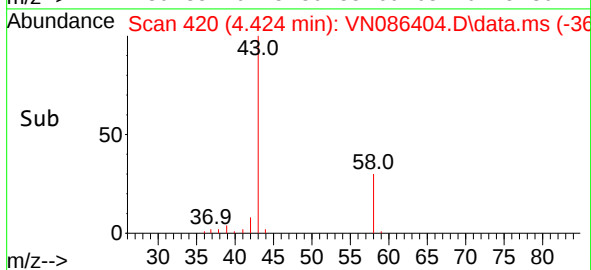
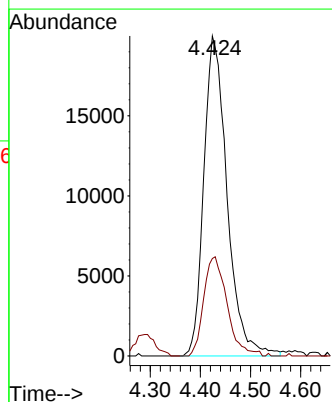
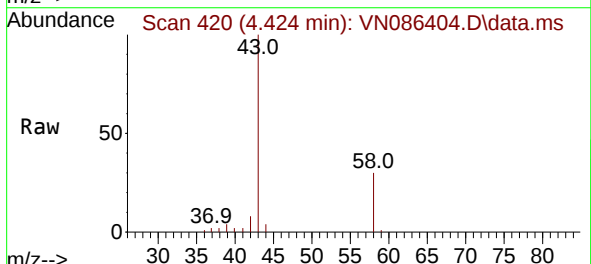
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#01

Tgt Ion:168 Resp: 161699
Ion Ratio Lower Upper
168 100
99 61.6 52.5 78.7



#16
Acetone
Concen: 75.579 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086404.D
Acq: 28 Apr 2025 12:20

Tgt Ion: 43 Resp: 64499
Ion Ratio Lower Upper
43 100
58 30.4 25.3 37.9

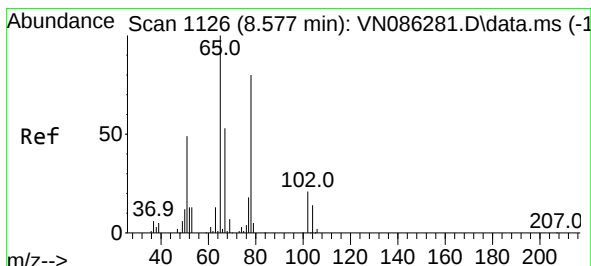
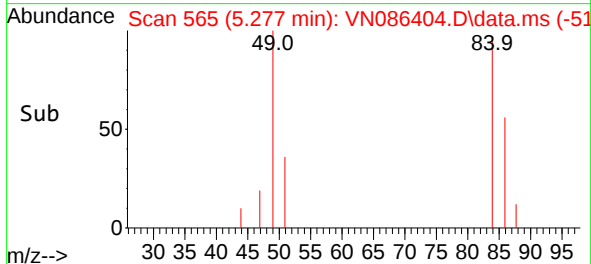
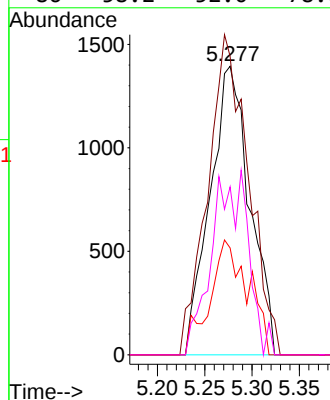
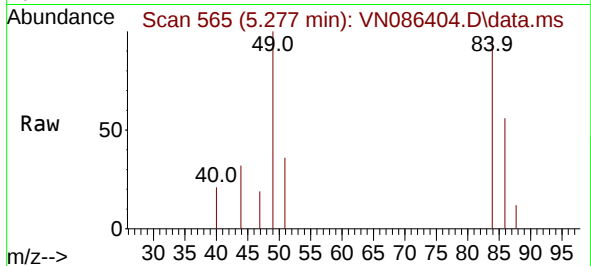




#20
Methylene Chloride
Concen: 1.881 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086404.D
Acq: 28 Apr 2025 12:20

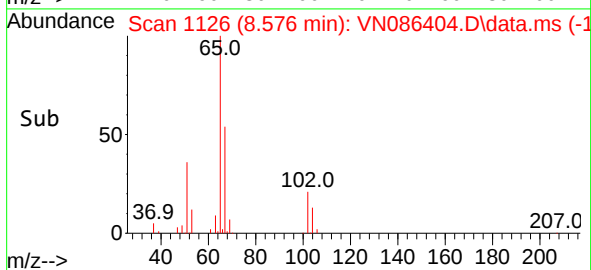
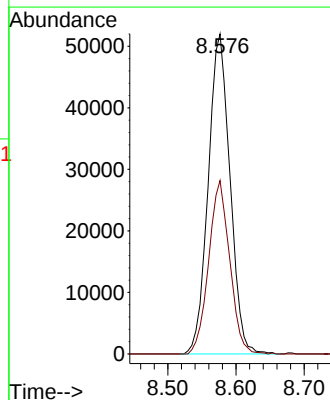
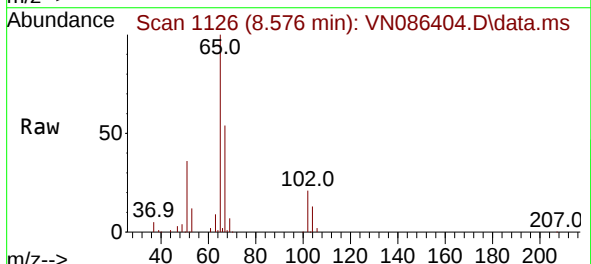
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#01

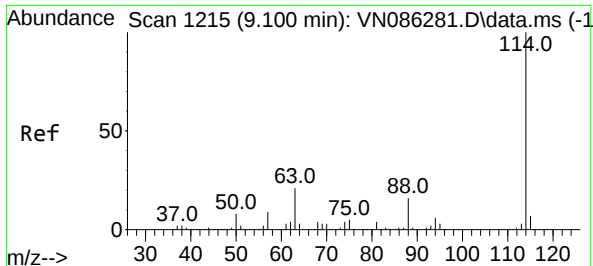
Tgt Ion:	84	Resp:	4078
Ion	Ratio	Lower	Upper
84	100		
49	103.4	98.2	147.2
51	37.0	29.8	44.6
86	58.2	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 49.342 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086404.D
Acq: 28 Apr 2025 12:20

Tgt Ion:	65	Resp:	115696
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086404.D

Acq: 28 Apr 2025 12:20

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#01

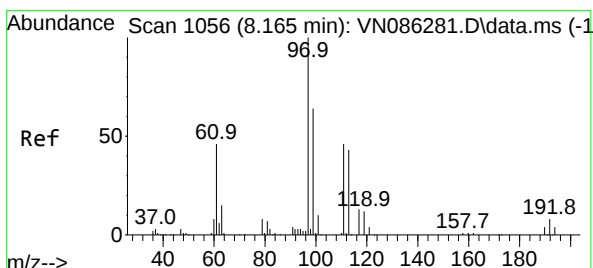
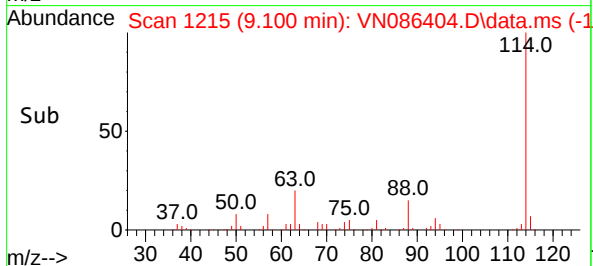
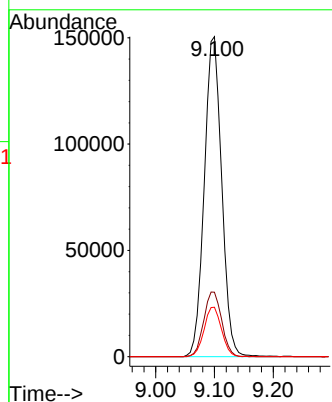
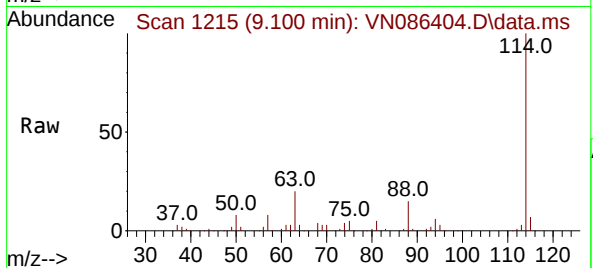
Tgt Ion:114 Resp: 310422

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.555 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086404.D

Acq: 28 Apr 2025 12:20

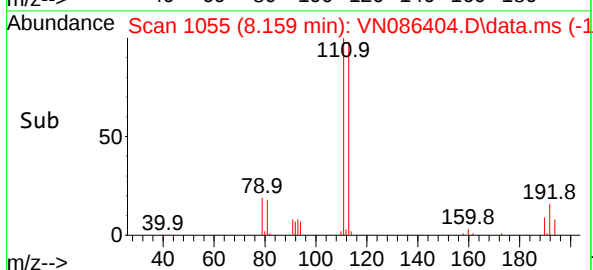
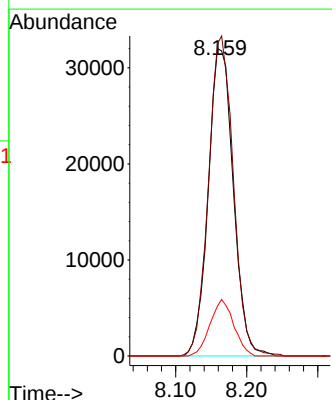
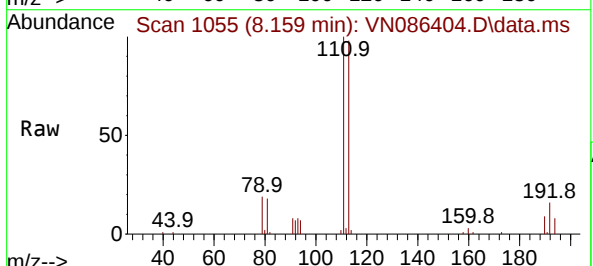
Tgt Ion:113 Resp: 78598

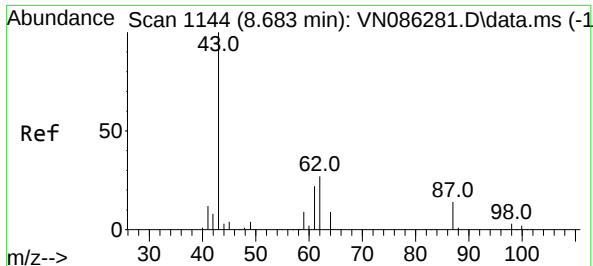
Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.0

192 17.4 13.7 20.5

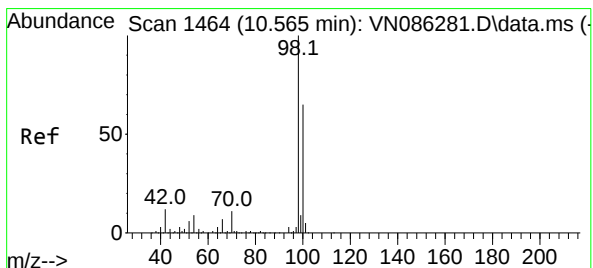
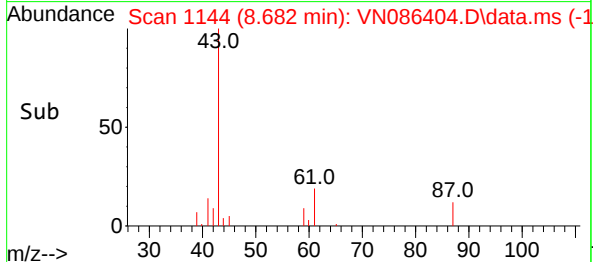
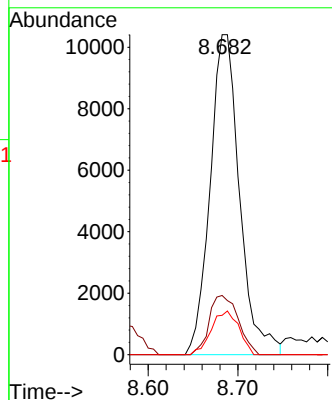
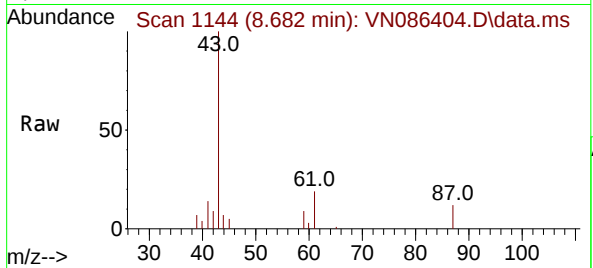




#43
Isopropyl Acetate
Concen: 2.553 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086404.D
Acq: 28 Apr 2025 12:20

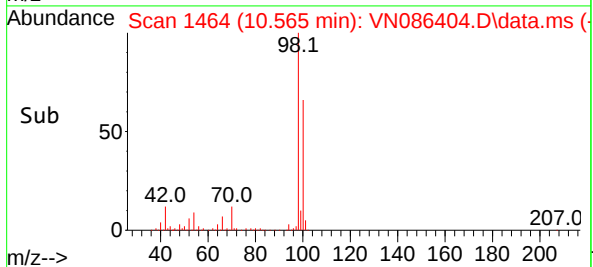
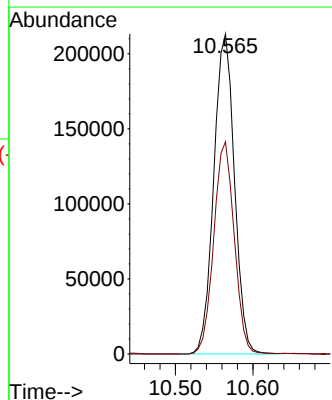
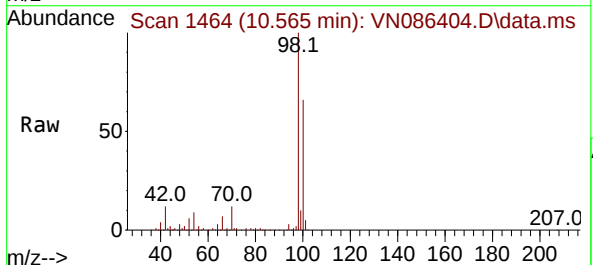
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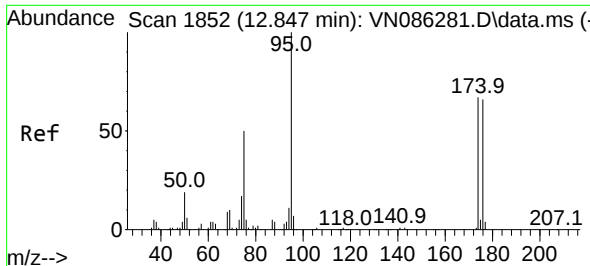
Tgt Ion: 43 Resp: 23746
Ion Ratio Lower Upper
43 100
61 18.3 20.5 30.7#
87 12.8 10.5 15.7



#50
Toluene-d8
Concen: 51.311 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086404.D
Acq: 28 Apr 2025 12:20

Tgt Ion: 98 Resp: 395090
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

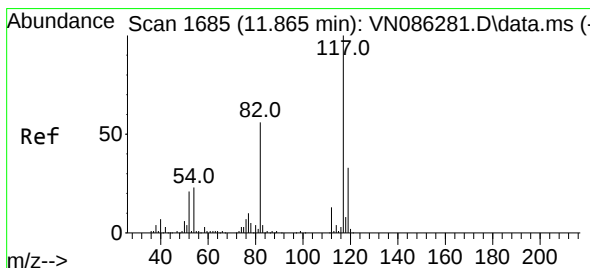
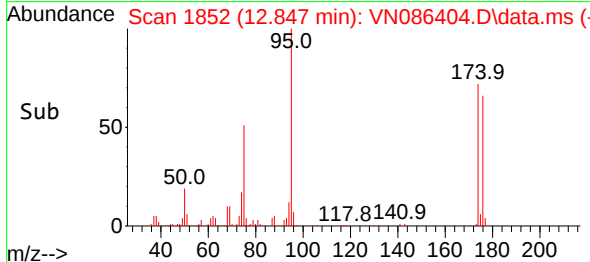
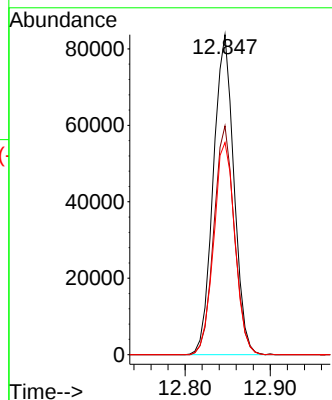
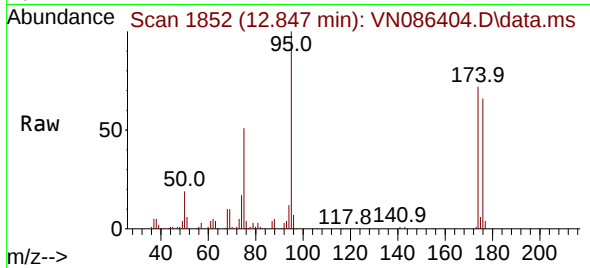




#62
4-Bromofluorobenzene
Concen: 50.155 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086404.D
Acq: 28 Apr 2025 12:20

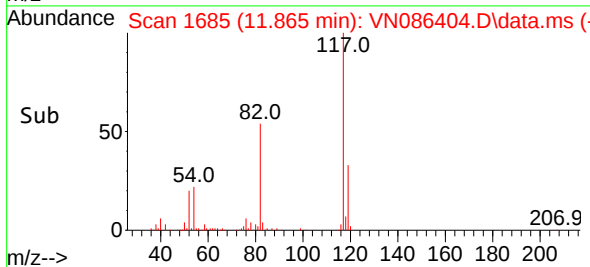
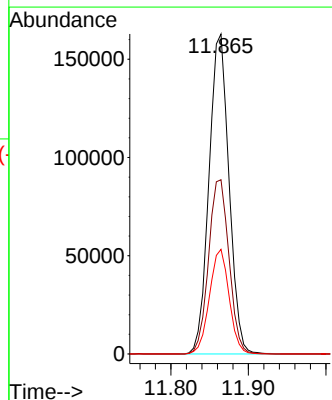
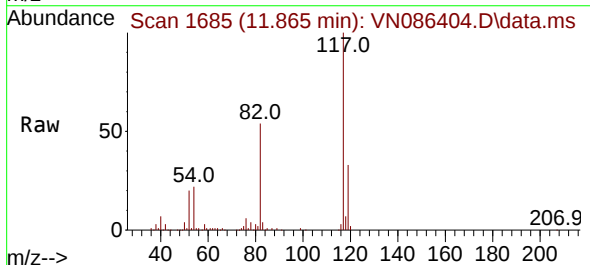
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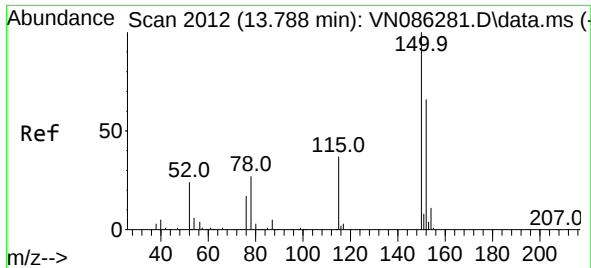
Tgt Ion: 95 Resp: 140858
Ion Ratio Lower Upper
95 100
174 71.0 0.0 133.4
176 68.1 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086404.D
Acq: 28 Apr 2025 12:20

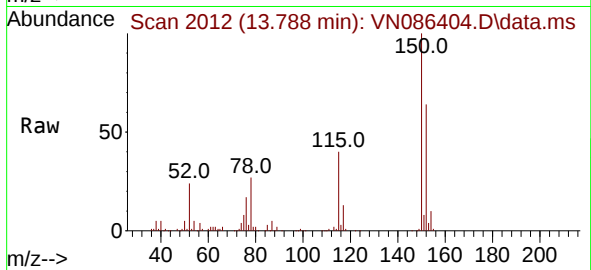
Tgt Ion: 117 Resp: 291918
Ion Ratio Lower Upper
117 100
82 54.4 44.7 67.1
119 32.7 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086404.D
 Acq: 28 Apr 2025 12:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#01



Tgt Ion:152 Resp: 124607
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.9 95.9
 150 157.4 0.0 352.0

