

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086418.D
 Acq On : 29 Apr 2025 01:44
 Operator : JC\MD
 Sample : PB167744ZHE#15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#15

Quant Time: Apr 29 03:40:49 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)

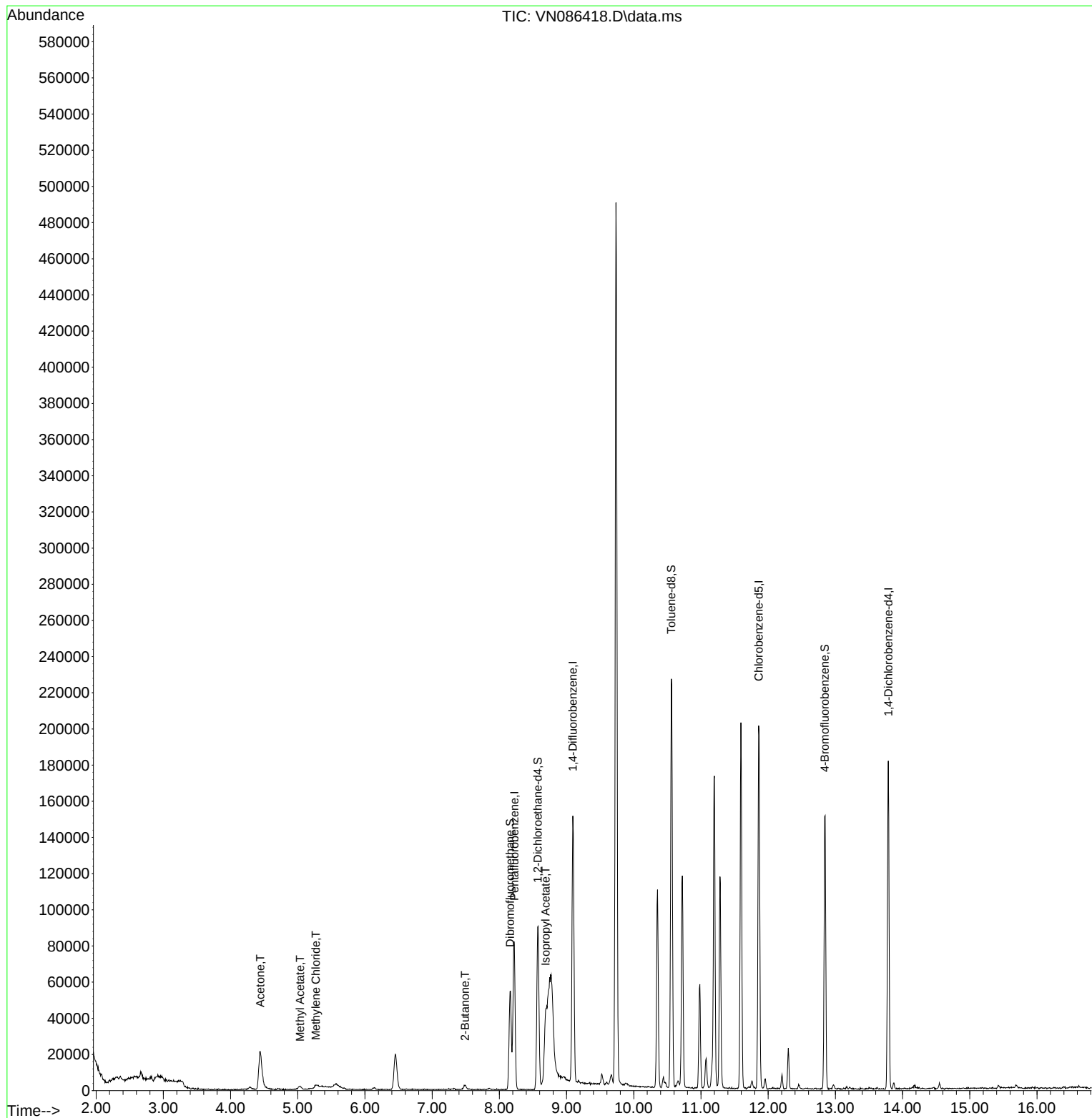
Internal Standards						
1) Pentafluorobenzene	8.224	168	60784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	129955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	119374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	48448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	76677	86.992	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	173.980%#
35) Dibromofluoromethane	8.159	113	41563	68.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	137.820%#
50) Toluene-d8	10.559	98	158092	49.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.841	95	56051	47.673	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.340%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	47639	154.136	ug/l	93
18) Methyl Acetate	5.036	43	4747	4.487	ug/l #	86
20) Methylene Chloride	5.271	84	1589	1.950	ug/l #	80
25) 2-Butanone	7.489	43	5531	10.081	ug/l #	76
43) Isopropyl Acetate	8.688	43	40217	16.159	ug/l #	72

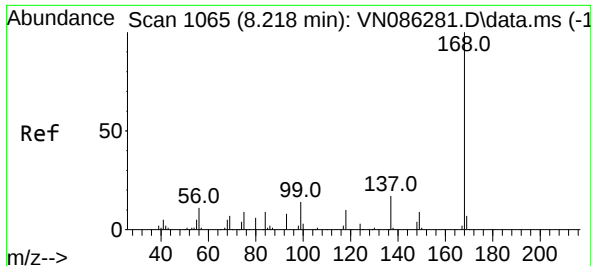
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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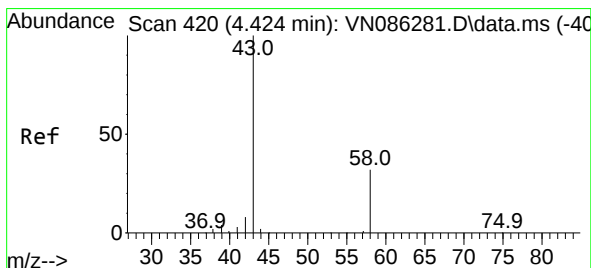
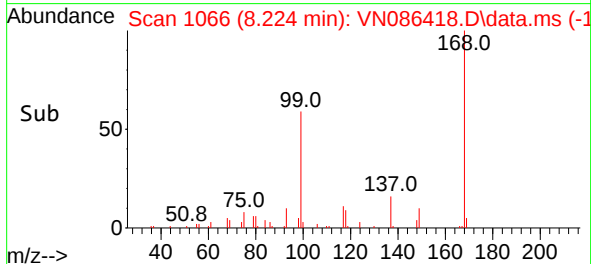
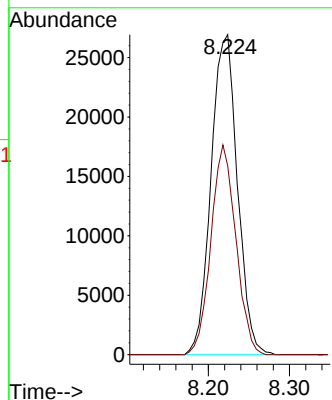
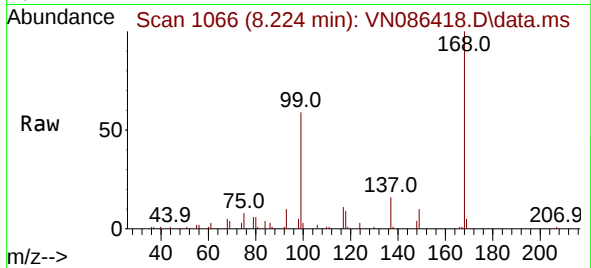




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086418.D
Acq: 29 Apr 2025 01:44

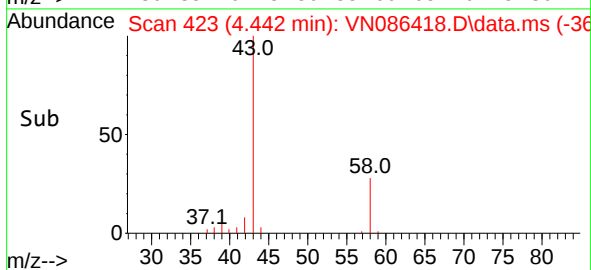
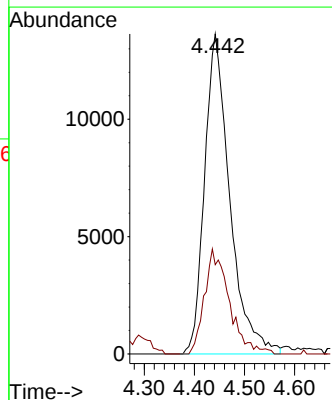
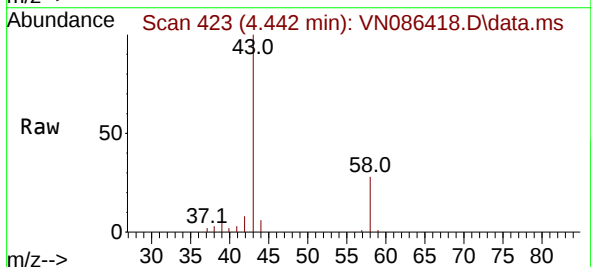
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#15

Tgt Ion:168 Resp: 60784
Ion Ratio Lower Upper
168 100
99 59.0 52.5 78.7



#16
Acetone
Concen: 154.136 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN086418.D
Acq: 29 Apr 2025 01:44

Tgt Ion: 43 Resp: 47639
Ion Ratio Lower Upper
43 100
58 27.9 25.3 37.9

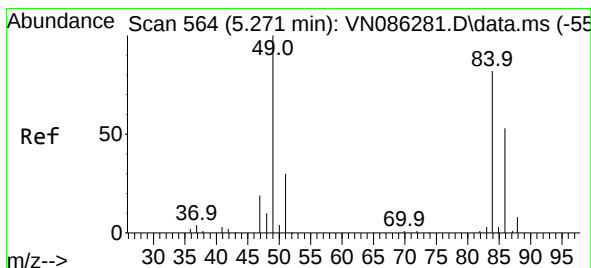
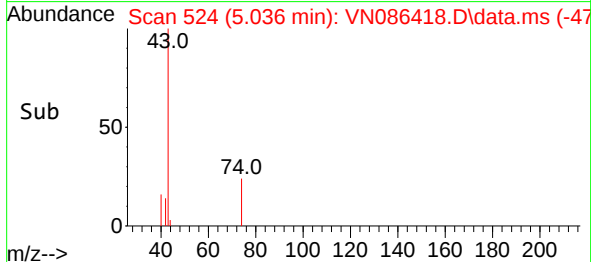
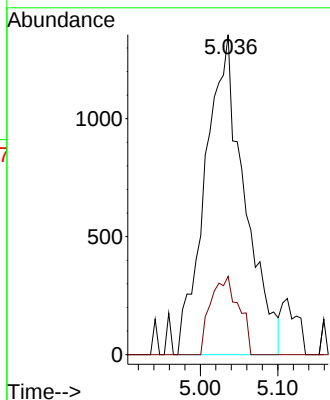
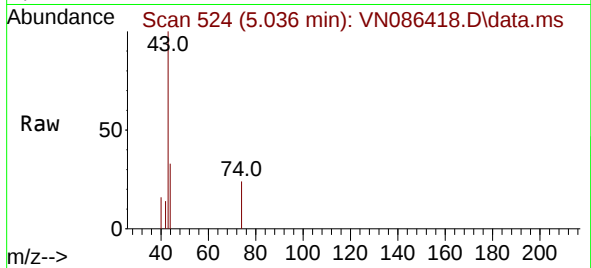




#18
Methyl Acetate
Concen: 4.487 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086418.D
Acq: 29 Apr 2025 01:44

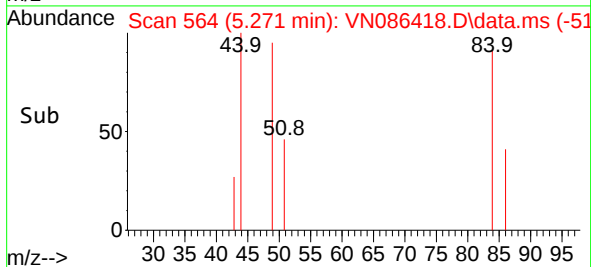
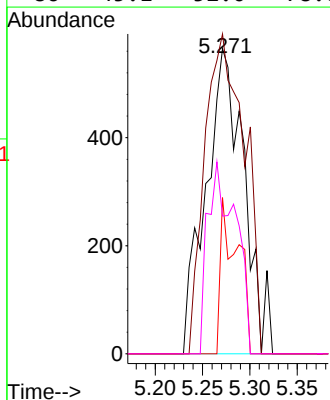
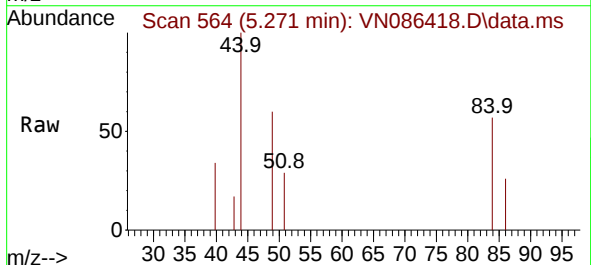
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#15

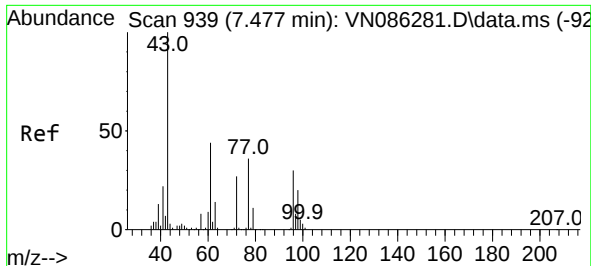
Tgt Ion: 43 Resp: 4747
Ion Ratio Lower Upper
43 100
74 17.6 19.8 29.6#



#20
Methylene Chloride
Concen: 1.950 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086418.D
Acq: 29 Apr 2025 01:44

Tgt Ion: 84 Resp: 1589
Ion Ratio Lower Upper
84 100
49 104.8 98.2 147.2
51 51.2 29.8 44.6#
86 45.1 52.0 78.0#

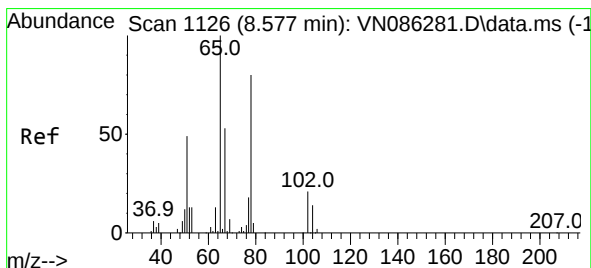
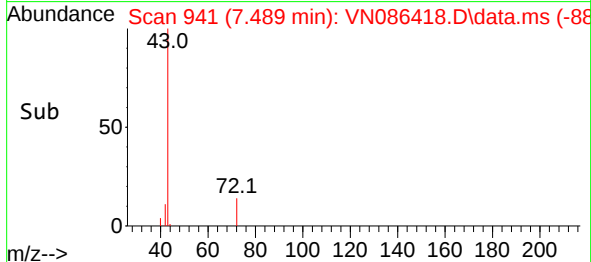
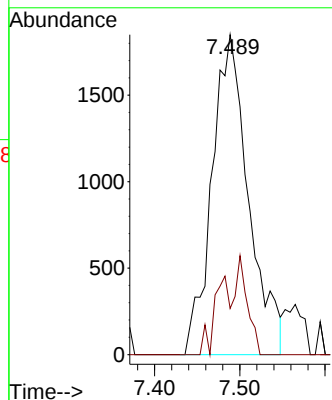
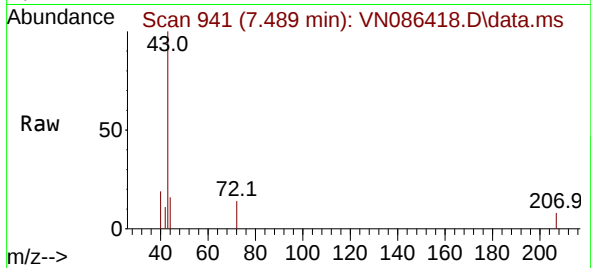




#25
2-Butanone
Concen: 10.081 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086418.D
Acq: 29 Apr 2025 01:44

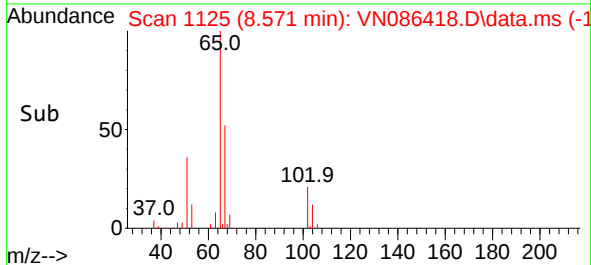
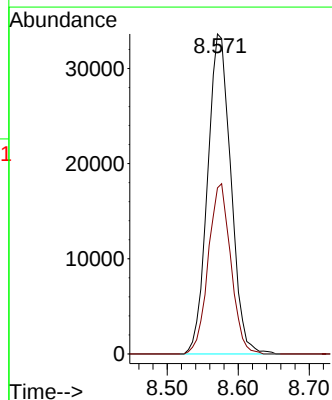
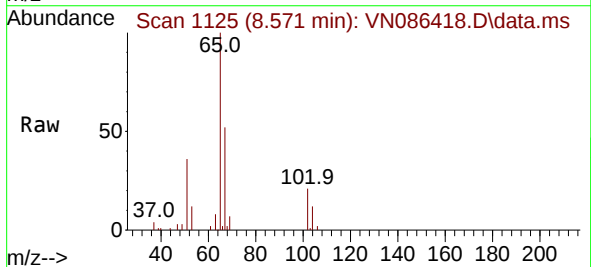
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#15

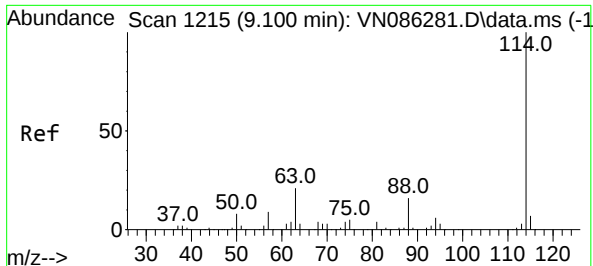
Tgt Ion: 43 Resp: 5531
Ion Ratio Lower Upper
43 100
72 14.4 21.7 32.5#



#33
1,2-Dichloroethane-d4
Concen: 86.992 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086418.D
Acq: 29 Apr 2025 01:44

Tgt Ion: 65 Resp: 76677
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086418.D

Acq: 29 Apr 2025 01:44

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#15

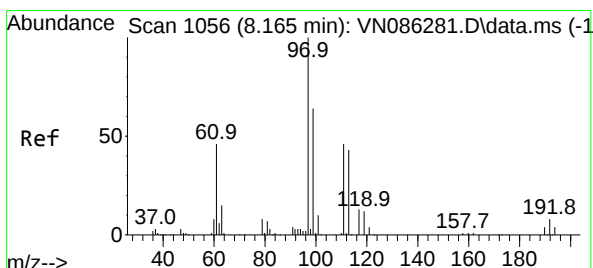
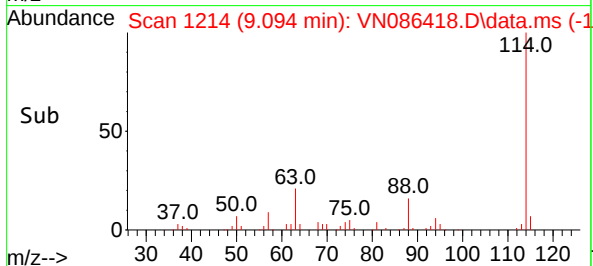
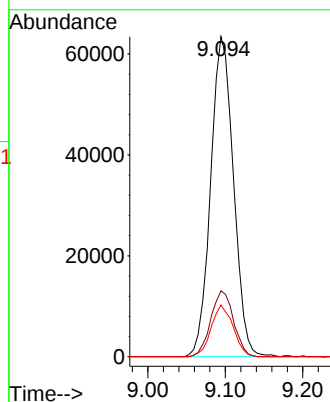
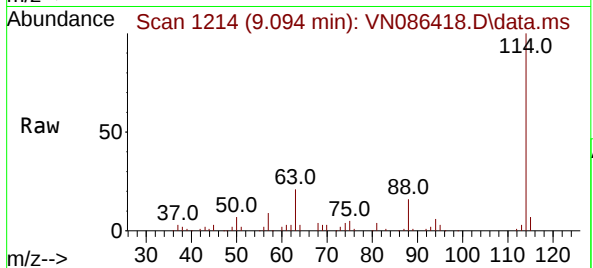
Tgt Ion:114 Resp: 129955

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 68.911 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086418.D

Acq: 29 Apr 2025 01:44

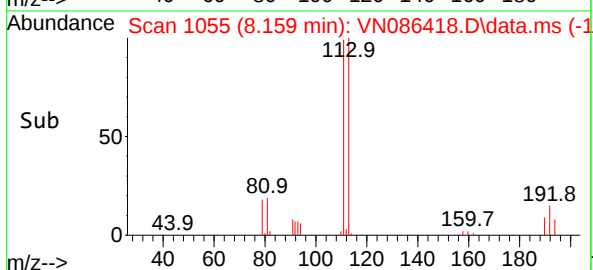
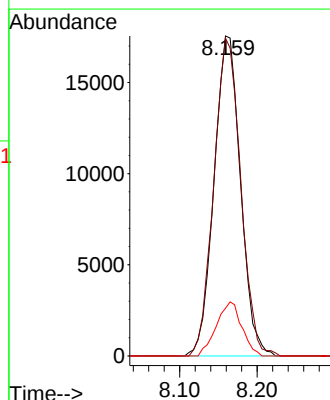
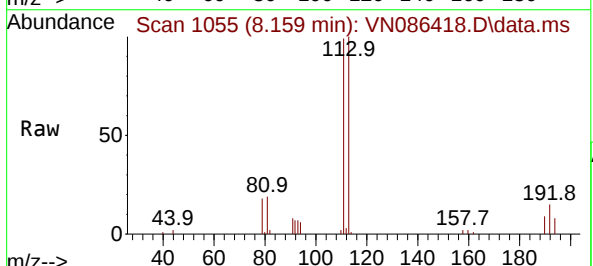
Tgt Ion:113 Resp: 41563

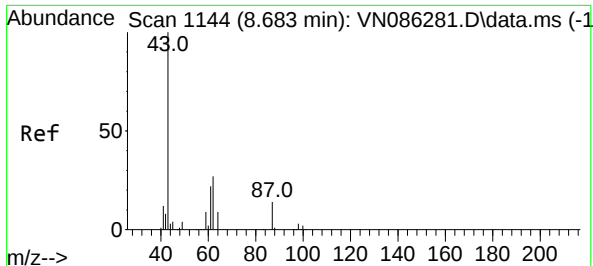
Ion Ratio Lower Upper

113 100

111 100.9 83.4 125.0

192 16.2 13.7 20.5





#43

Isopropyl Acetate

Concen: 16.159 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN086418.D

Acq: 29 Apr 2025 01:44

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#15

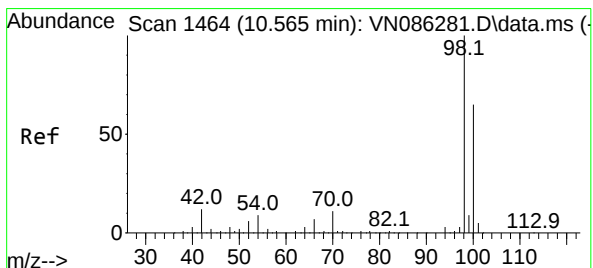
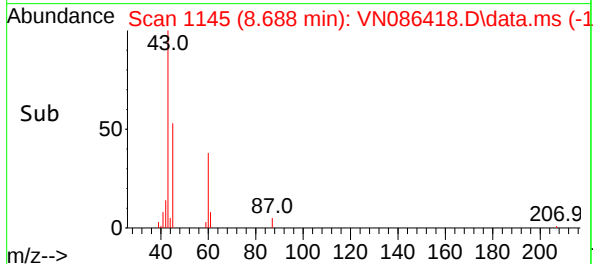
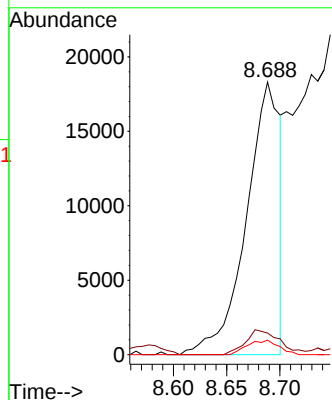
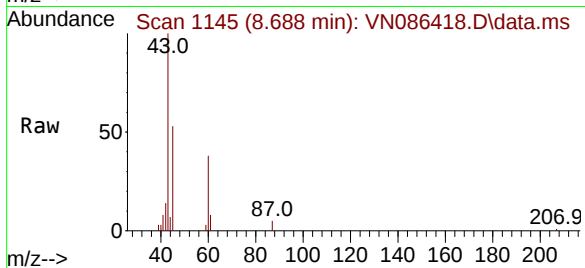
Tgt Ion: 43 Resp: 40217

Ion Ratio Lower Upper

43 100

61 9.3 20.5 30.7#

87 5.0 10.5 15.7#



#50

Toluene-d8

Concen: 49.044 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN086418.D

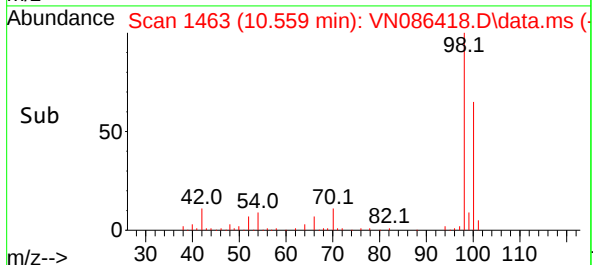
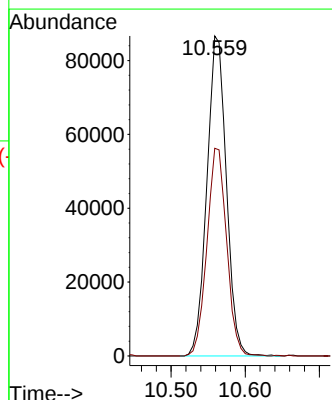
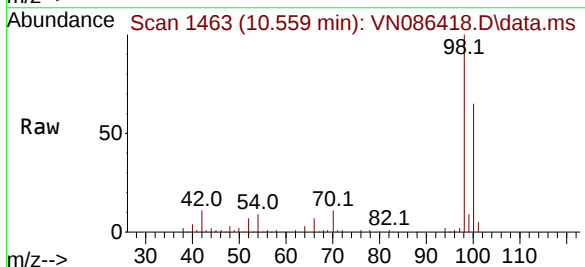
Acq: 29 Apr 2025 01:44

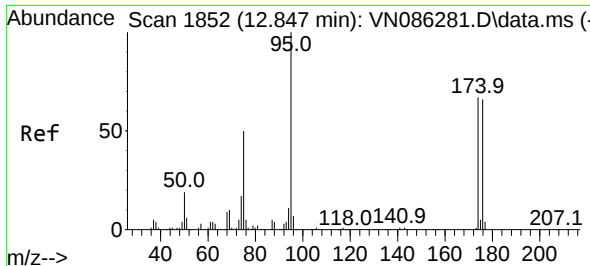
Tgt Ion: 98 Resp: 158092

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7

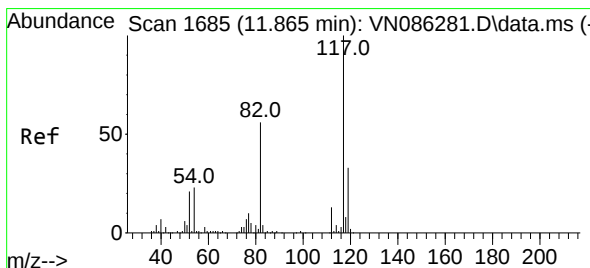
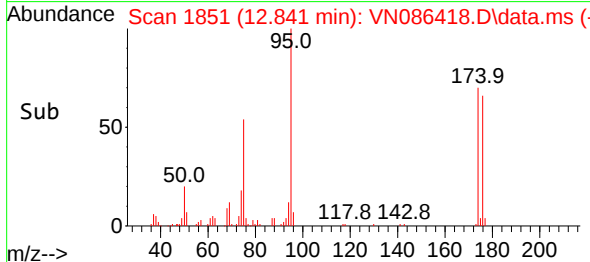
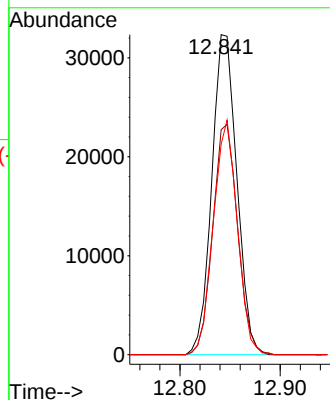
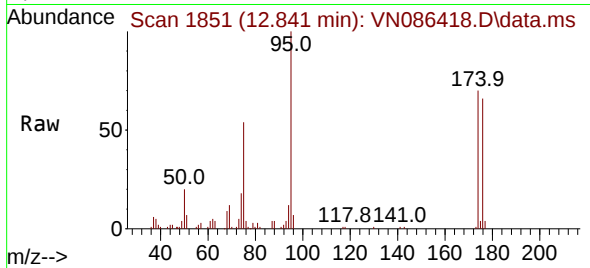




#62
4-Bromofluorobenzene
Concen: 47.673 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN086418.D
Acq: 29 Apr 2025 01:44

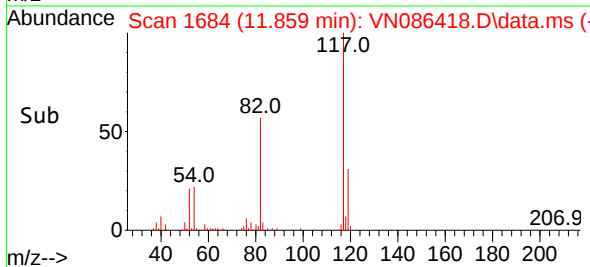
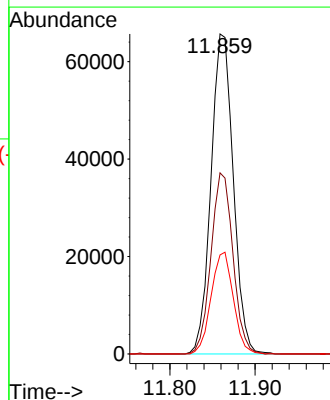
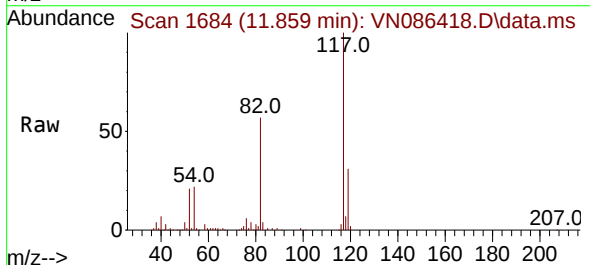
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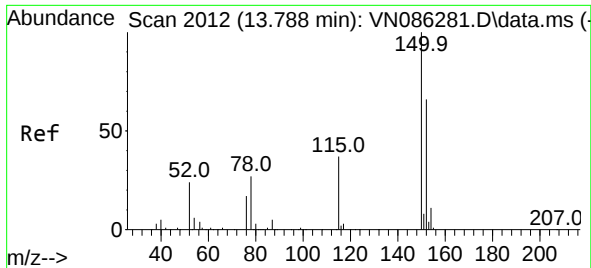
Tgt Ion: 95 Resp: 56051
Ion Ratio Lower Upper
95 100
174 71.3 0.0 133.4
176 70.3 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086418.D
Acq: 29 Apr 2025 01:44

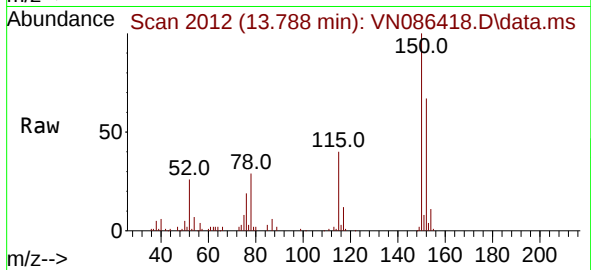
Tgt Ion: 117 Resp: 119374
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 31.0 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086418.D
 Acq: 29 Apr 2025 01:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#15



Tgt Ion:152 Resp: 48448
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.9 95.9
 150 157.4 0.0 352.0

