

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086345.D
 Acq On : 18 Apr 2025 15:43
 Operator : JC\MD
 Sample : PB167623ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#10

Quant Time: Apr 19 02:26:42 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)

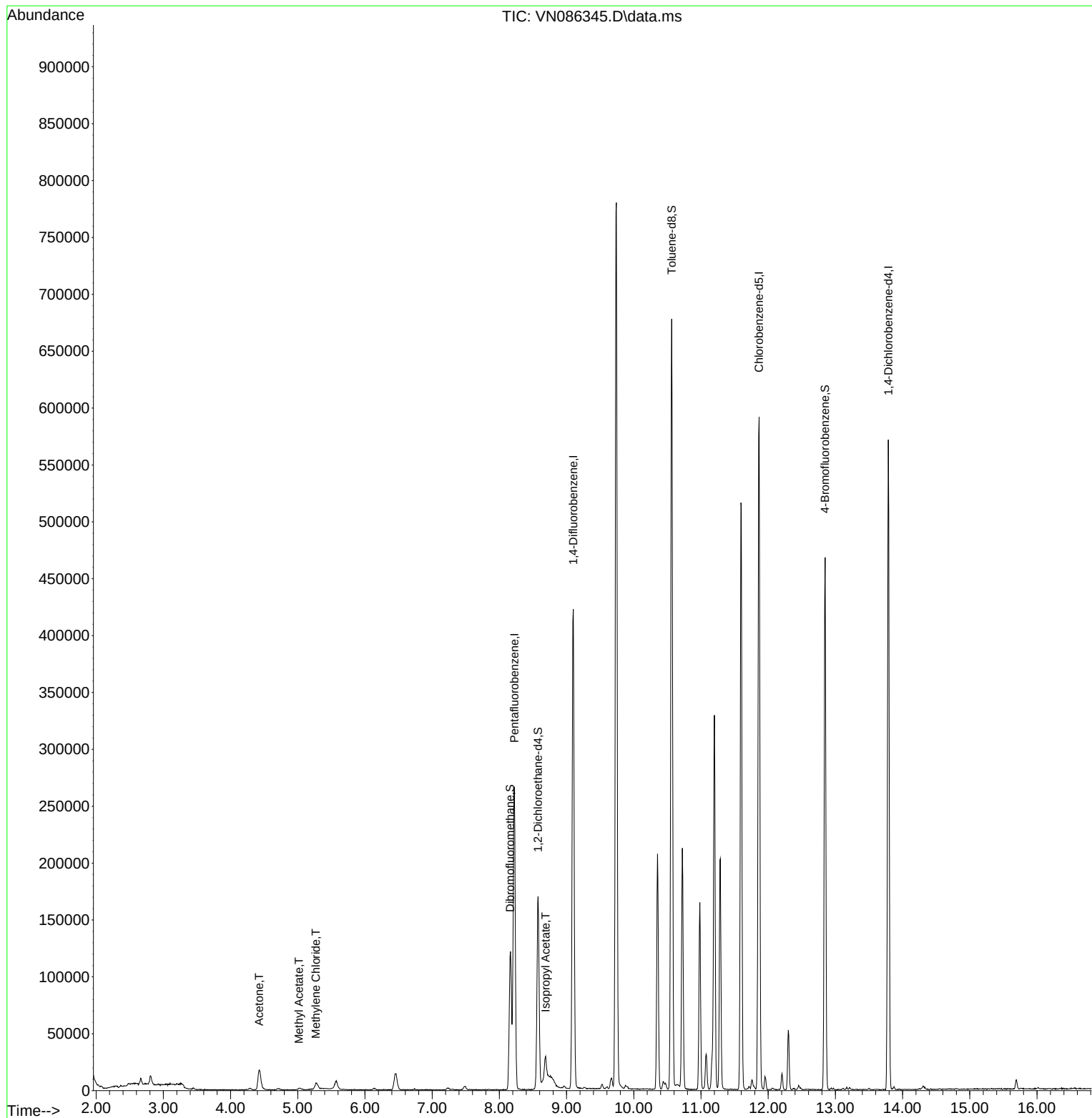
Internal Standards						
1) Pentafluorobenzene	8.224	168	195047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	348966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	140325	49.614	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.220%
35) Dibromofluoromethane	8.159	113	91680	52.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.940%
50) Toluene-d8	10.565	98	479043	51.303	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.600%
62) 4-Bromofluorobenzene	12.847	95	171606	50.387	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.780%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	36063	31.900	ug/l	98
18) Methyl Acetate	5.018	43	3939	1.160	ug/l #	76
20) Methylene Chloride	5.271	84	4373	1.672	ug/l	96
43) Isopropyl Acetate	8.688	43	45409	5.114	ug/l #	75

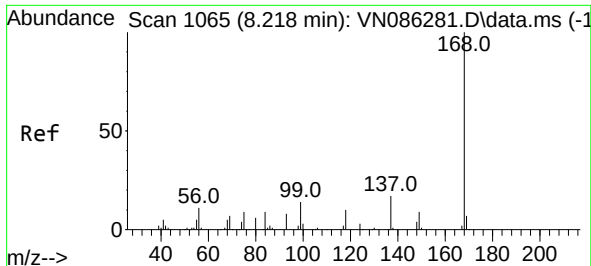
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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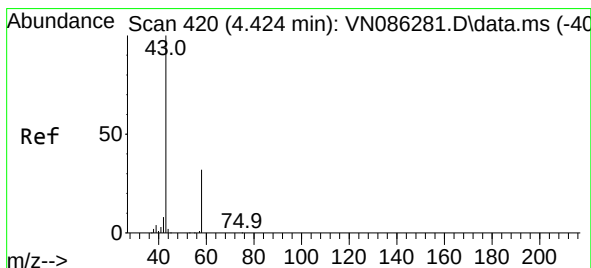
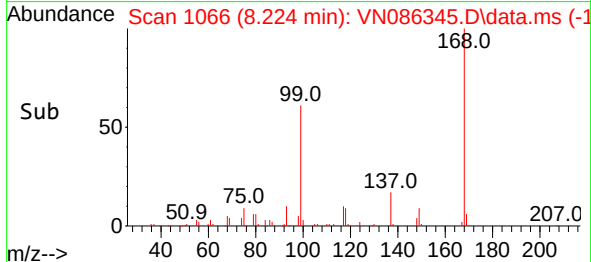
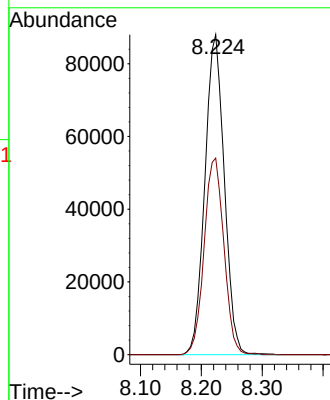
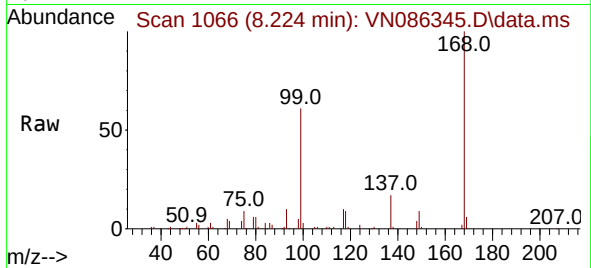




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086345.D
Acq: 18 Apr 2025 15:43

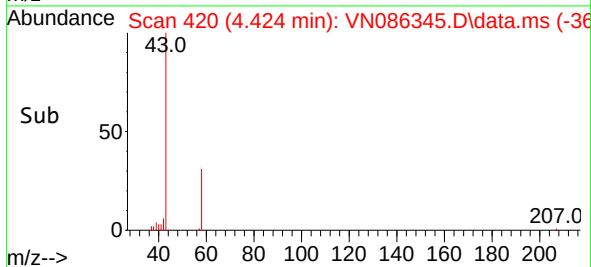
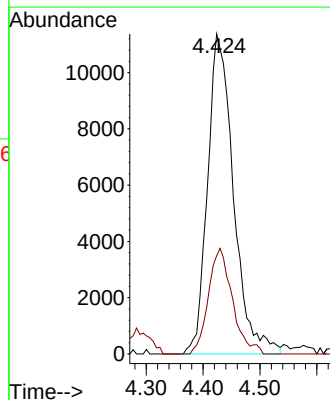
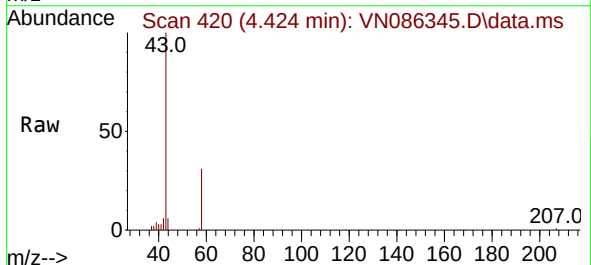
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#10

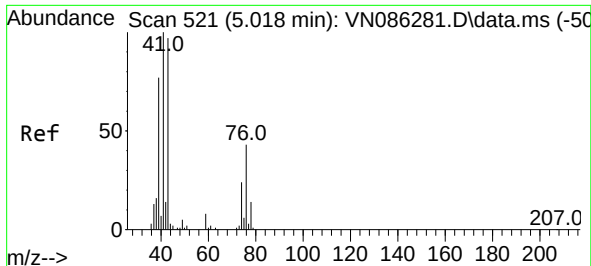
Tgt Ion:168 Resp: 195047
Ion Ratio Lower Upper
168 100
99 61.5 52.5 78.7



#16
Acetone
Concen: 31.900 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086345.D
Acq: 18 Apr 2025 15:43

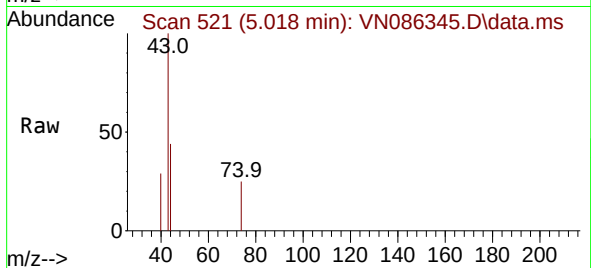
Tgt Ion: 43 Resp: 36063
Ion Ratio Lower Upper
43 100
58 30.7 25.3 37.9



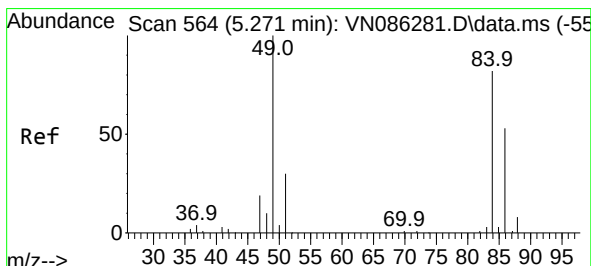
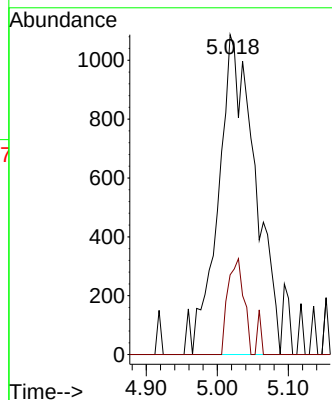
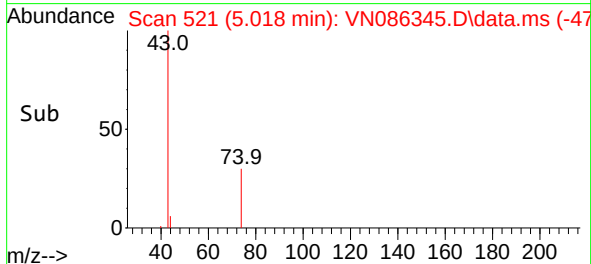


#18
Methyl Acetate
Concen: 1.160 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086345.D
Acq: 18 Apr 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#10

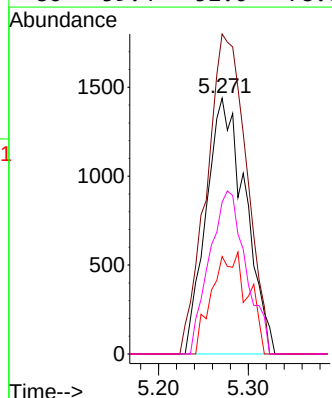
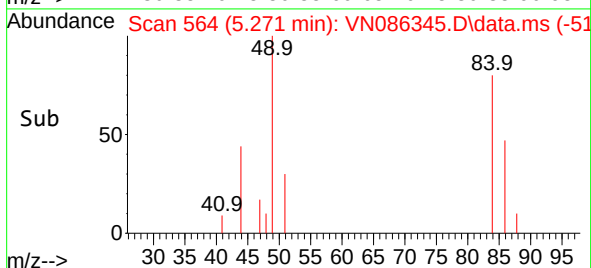
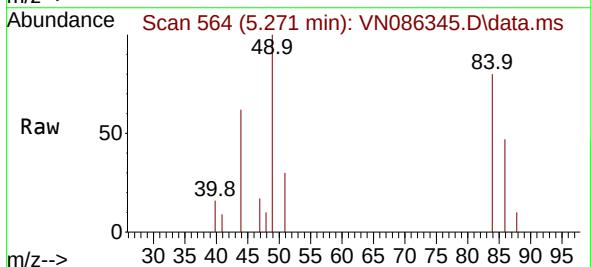


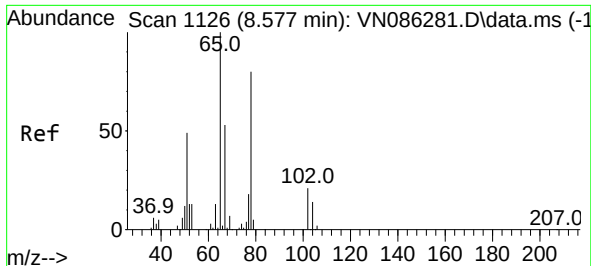
Tgt Ion: 43 Resp: 3939
Ion Ratio Lower Upper
43 100
74 12.8 19.8 29.6#



#20
Methylene Chloride
Concen: 1.672 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086345.D
Acq: 18 Apr 2025 15:43

Tgt Ion: 84 Resp: 4373
Ion Ratio Lower Upper
84 100
49 125.2 98.2 147.2
51 38.1 29.8 44.6
86 59.4 52.0 78.0

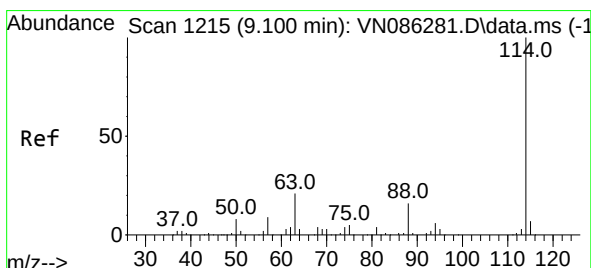
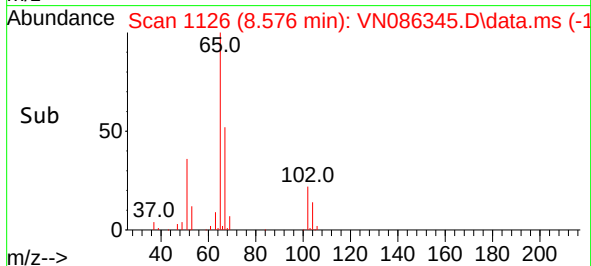
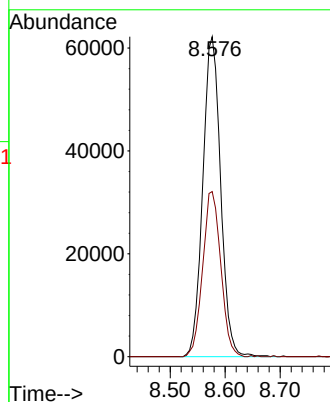
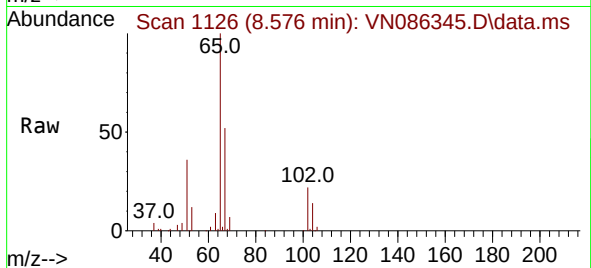




#33
 1,2-Dichloroethane-d4
 Concen: 49.614 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086345.D
 Acq: 18 Apr 2025 15:43

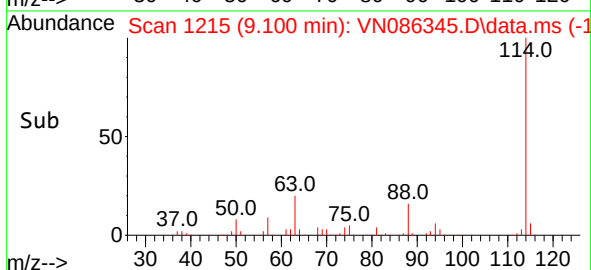
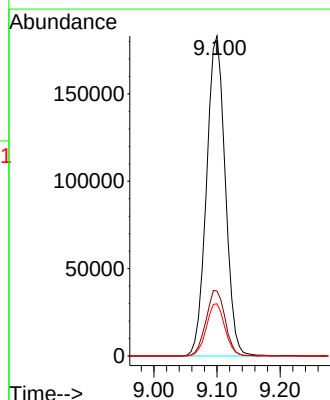
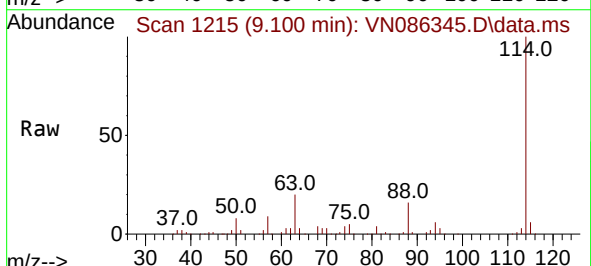
Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#10

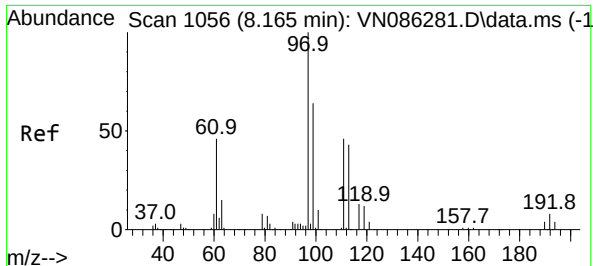
Tgt Ion: 65 Resp: 140325
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086345.D
 Acq: 18 Apr 2025 15:43

Tgt Ion: 114 Resp: 376446
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.474 ug/l

RT: 8.159 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN086345.D

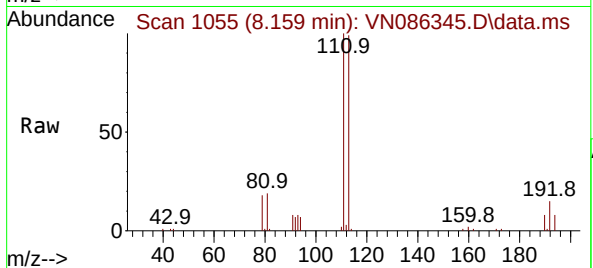
Acq: 18 Apr 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

PB167623ZHE#10



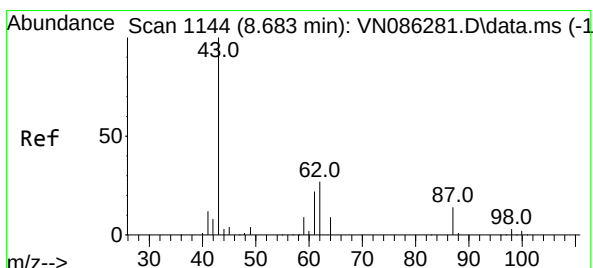
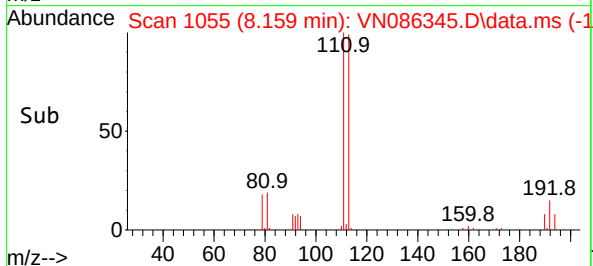
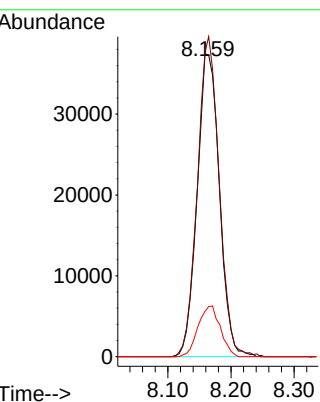
Tgt Ion:113 Resp: 91680

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.0

192 16.7 13.7 20.5



#43

Isopropyl Acetate

Concen: 5.114 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN086345.D

Acq: 18 Apr 2025 15:43

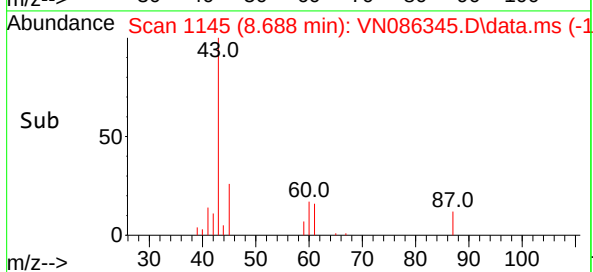
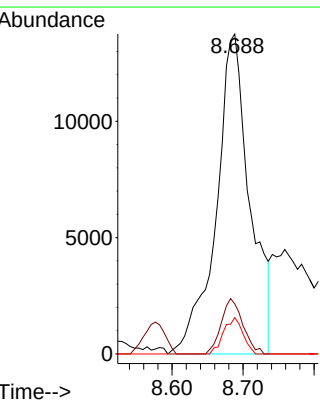
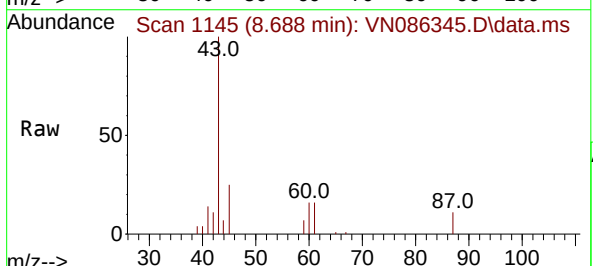
Tgt Ion: 43 Resp: 45409

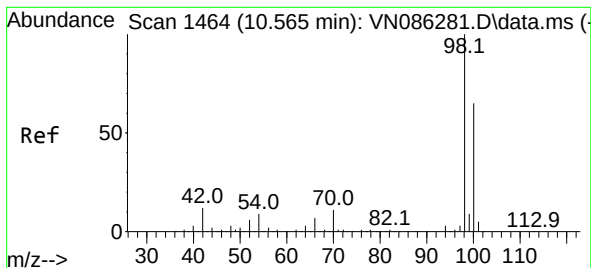
Ion Ratio Lower Upper

43 100

61 11.1 20.5 30.7#

87 6.5 10.5 15.7#

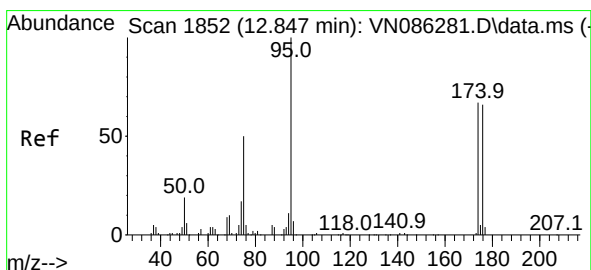
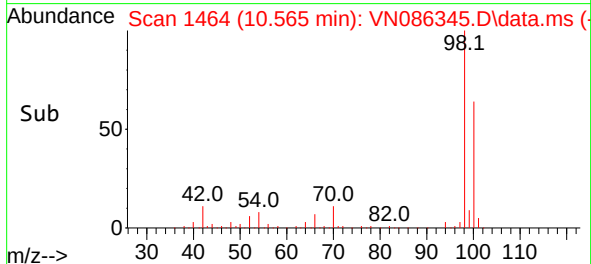
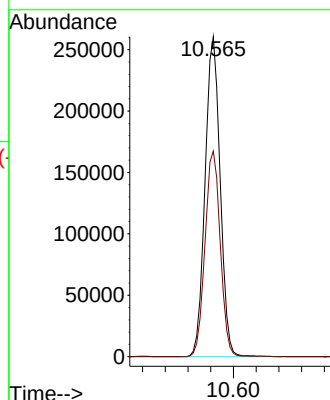
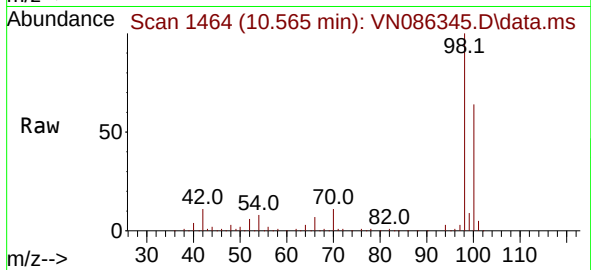




#50
Toluene-d8
Concen: 51.303 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086345.D
Acq: 18 Apr 2025 15:43

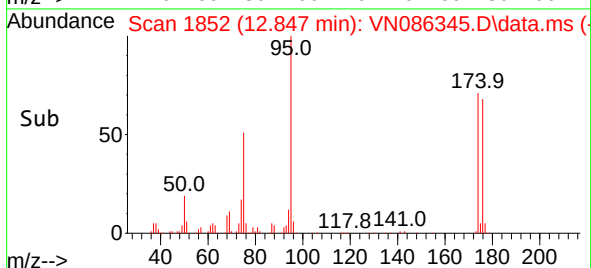
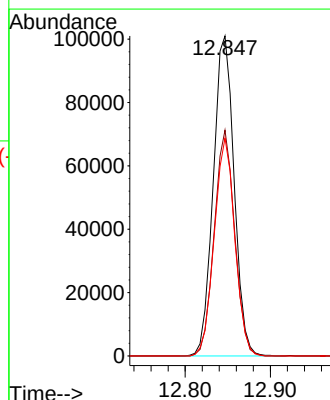
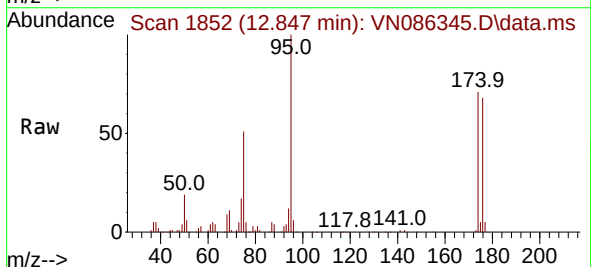
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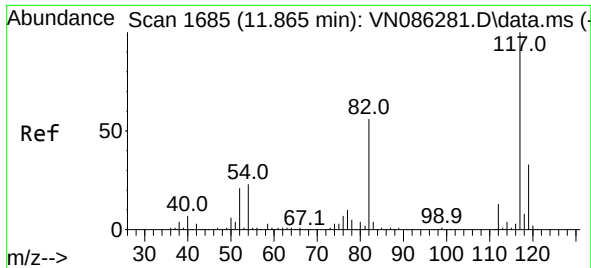
Tgt Ion: 98 Resp: 479043
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.387 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086345.D
Acq: 18 Apr 2025 15:43

Tgt Ion: 95 Resp: 171606
Ion Ratio Lower Upper
95 100
174 69.0 0.0 133.4
176 67.0 0.0 129.2

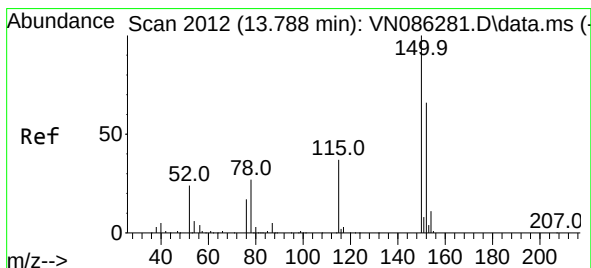
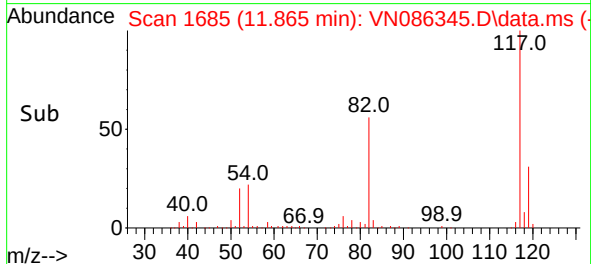
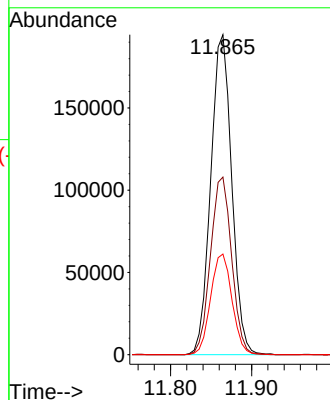
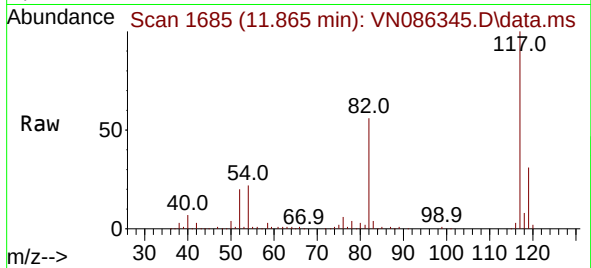




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086345.D
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Instrument :
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Tgt Ion:117 Resp: 348966
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 31.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086345.D
Acq: 18 Apr 2025 15:43

Tgt Ion:152 Resp: 154510
Ion Ratio Lower Upper
152 100
115 61.5 31.9 95.9
150 156.9 0.0 352.0

