

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085935.D
 Acq On : 11 Mar 2025 16:40
 Operator : JC\MD
 Sample : PB167050ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#02

Quant Time: Mar 12 01:24:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

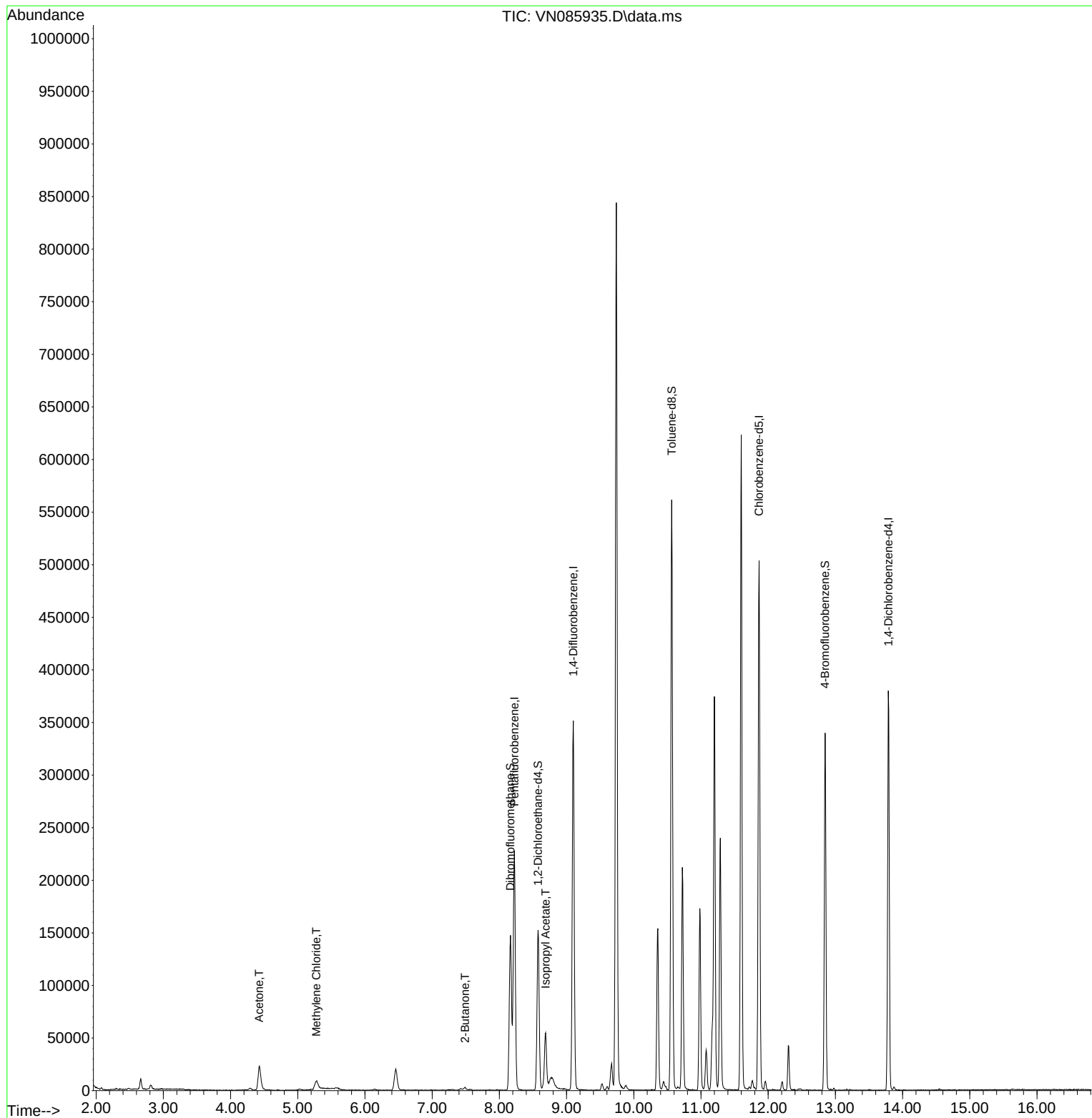
Internal Standards						
1) Pentafluorobenzene	8.224	168	159310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	124994	60.518	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.040%		
35) Dibromofluoromethane	8.165	113	107430	54.712	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.420%		
50) Toluene-d8	10.565	98	398030	55.715	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 111.420%		
62) 4-Bromofluorobenzene	12.847	95	118440	50.319	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.640%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	41991	64.253	ug/l	96
20) Methylene Chloride	5.277	84	6562	3.122	ug/l #	82
25) 2-Butanone	7.488	43	4827	5.020	ug/l	92
43) Isopropyl Acetate	8.688	43	61173	14.858	ug/l #	87

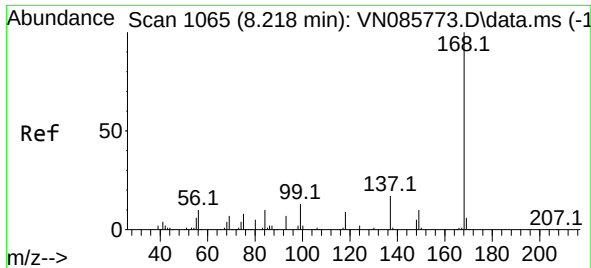
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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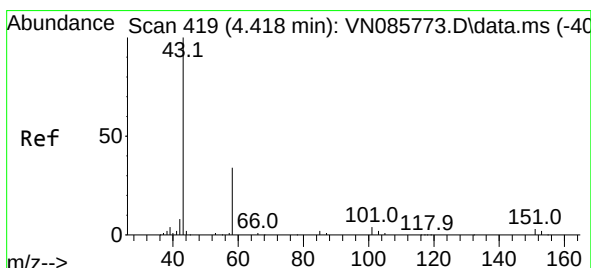
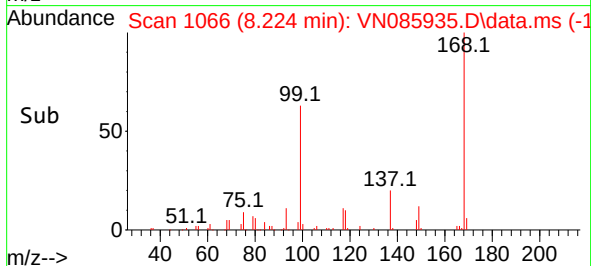
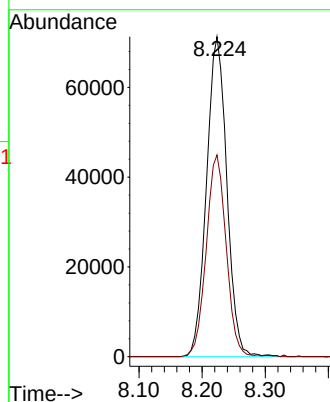
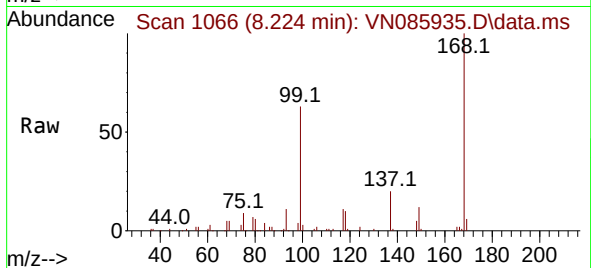




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085935.D
Acq: 11 Mar 2025 16:40

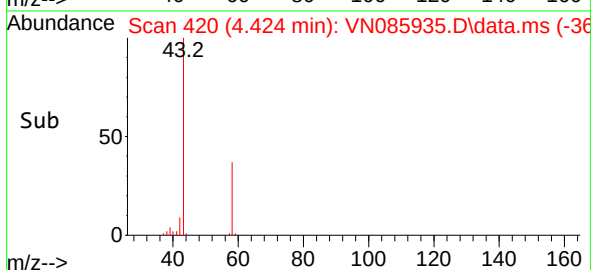
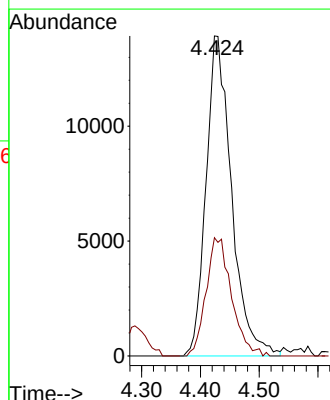
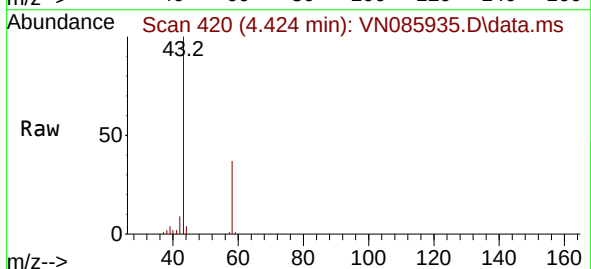
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#02

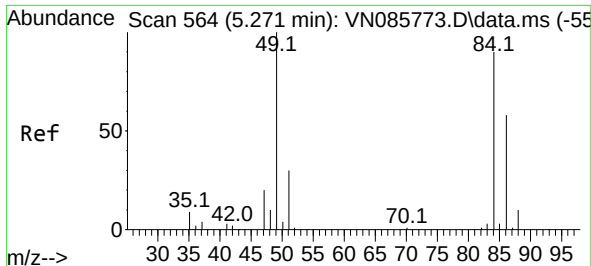
Tgt Ion:168 Resp: 159310
Ion Ratio Lower Upper
168 100
99 63.1 47.9 71.9



#16
Acetone
Concen: 64.253 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085935.D
Acq: 11 Mar 2025 16:40

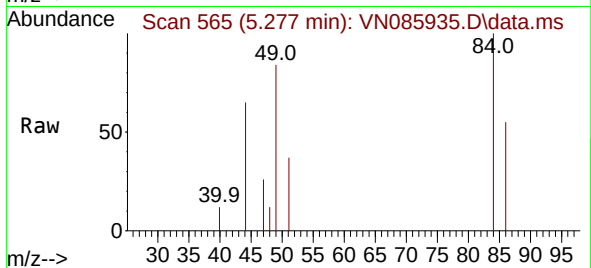
Tgt Ion: 43 Resp: 41991
Ion Ratio Lower Upper
43 100
58 37.0 27.5 41.3



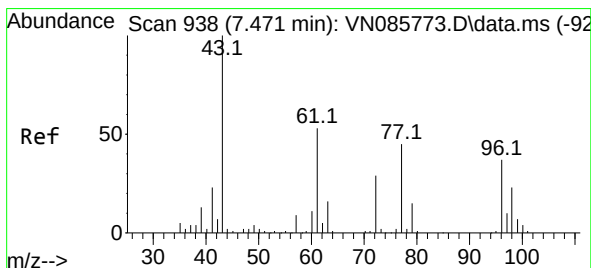
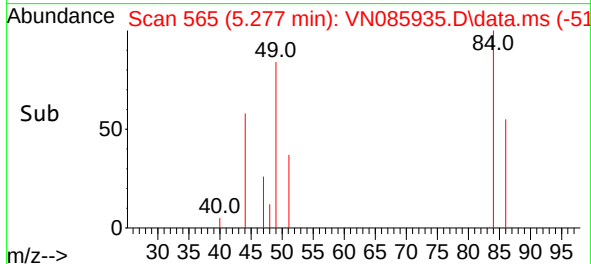
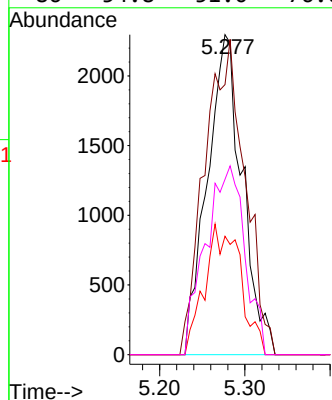


#20
Methylene Chloride
Concen: 3.122 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085935.D
Acq: 11 Mar 2025 16:40

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#02

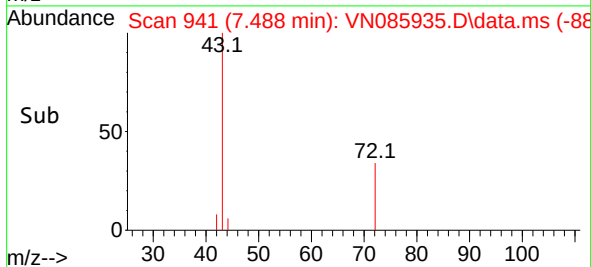
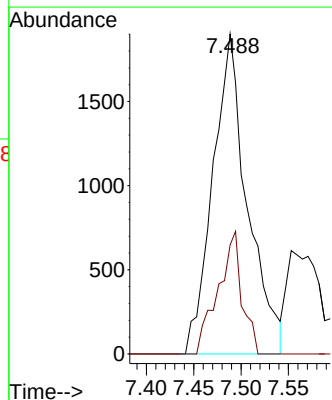
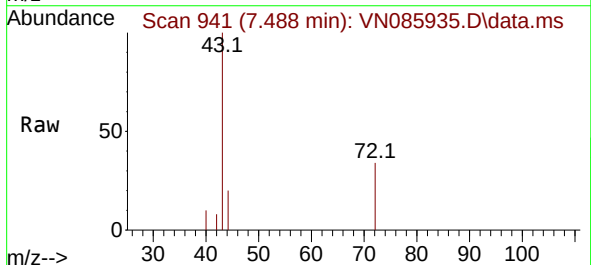


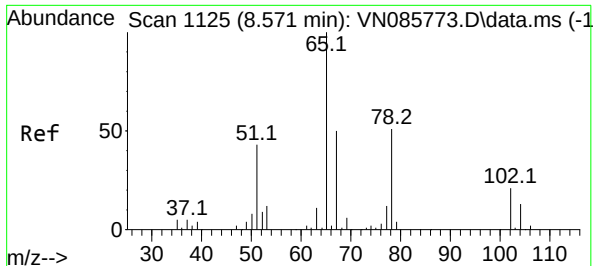
Tgt Ion:	84	Resp:	6562
Ion	Ratio	Lower	Upper
84	100		
49	84.4	88.4	132.6#
51	37.0	26.6	40.0
86	54.8	51.0	76.6



#25
2-Butanone
Concen: 5.020 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN085935.D
Acq: 11 Mar 2025 16:40

Tgt Ion:	43	Resp:	4827
Ion	Ratio	Lower	Upper
43	100		
72	34.0	23.6	35.4





#33

1,2-Dichloroethane-d4

Concen: 60.518 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085935.D

Acq: 11 Mar 2025 16:40

Instrument :

MSVOA_N

ClientSampleId :

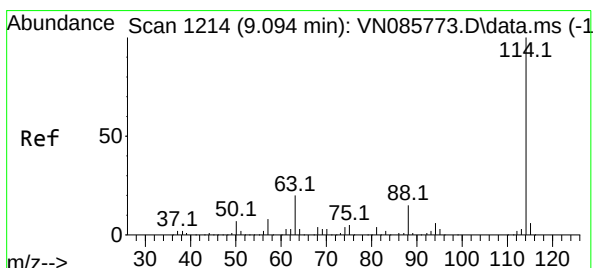
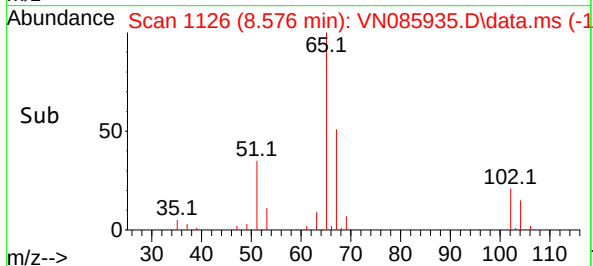
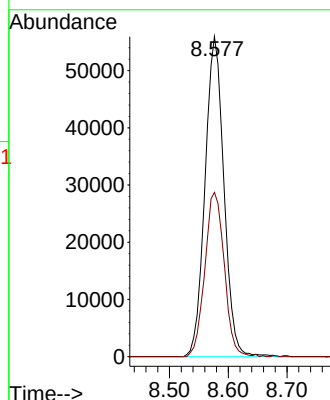
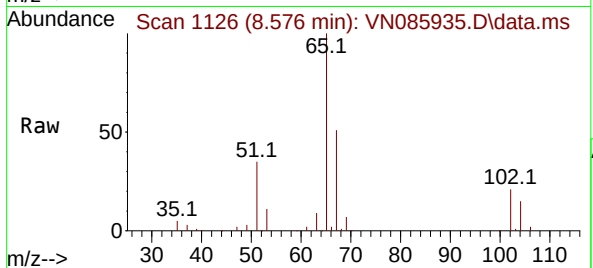
PB167050ZHE#02

Tgt Ion: 65 Resp: 124994

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085935.D

Acq: 11 Mar 2025 16:40

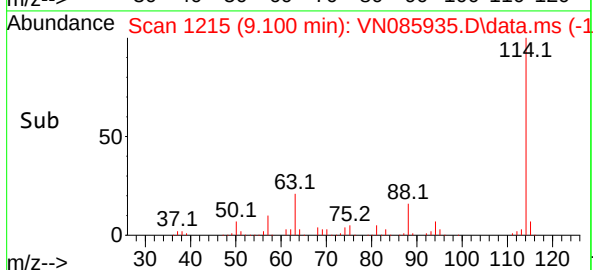
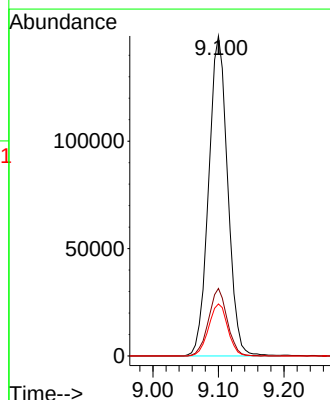
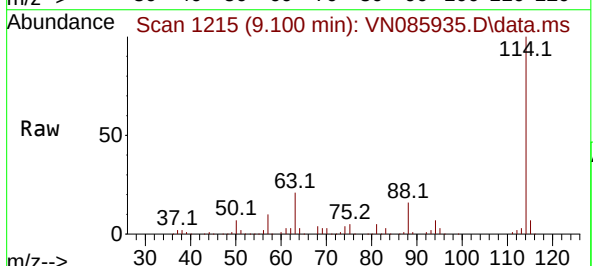
Tgt Ion: 114 Resp: 300078

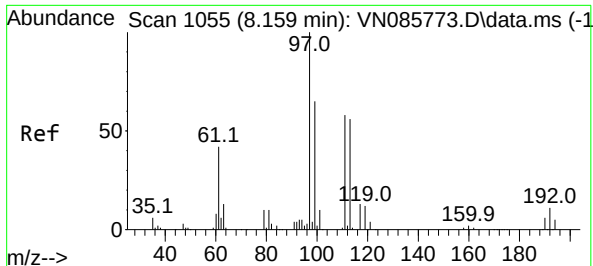
Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.2

88 16.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.712 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085935.D

Acq: 11 Mar 2025 16:40

Instrument :

MSVOA_N

ClientSampleId :

PB167050ZHE#02

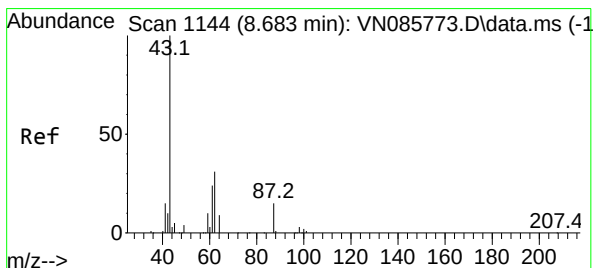
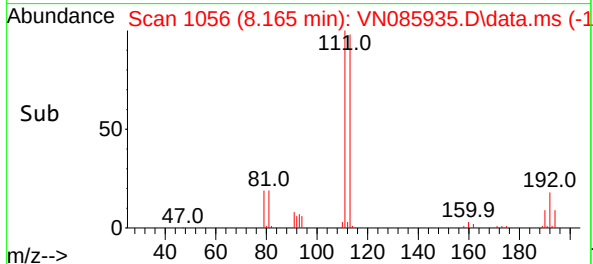
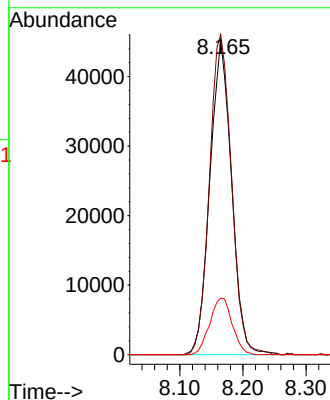
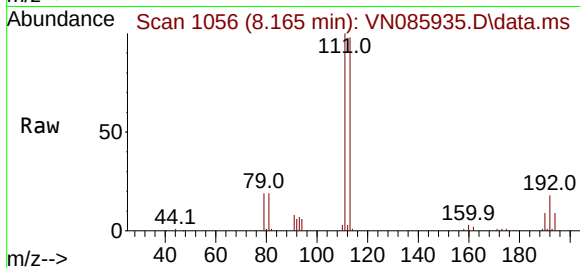
Tgt Ion:113 Resp: 107430

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 18.7 14.7 22.1



#43

Isopropyl Acetate

Concen: 14.858 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN085935.D

Acq: 11 Mar 2025 16:40

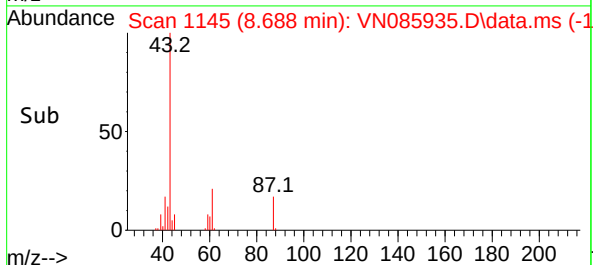
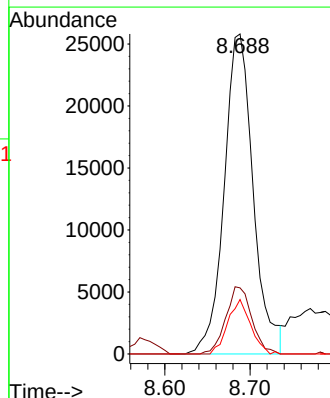
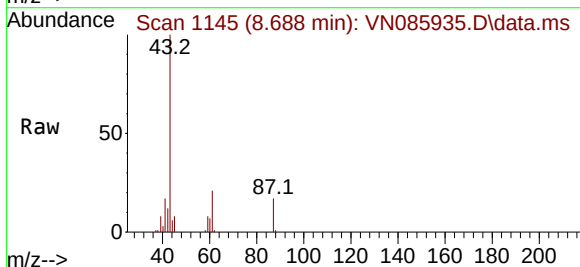
Tgt Ion: 43 Resp: 61173

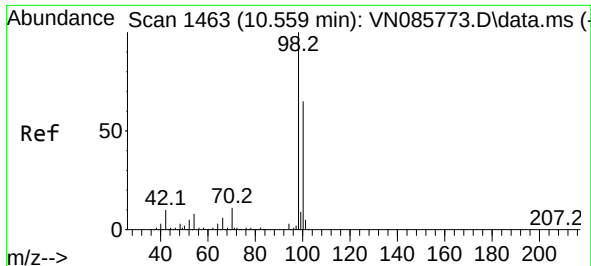
Ion Ratio Lower Upper

43 100

61 18.7 22.6 34.0#

87 13.4 11.8 17.8

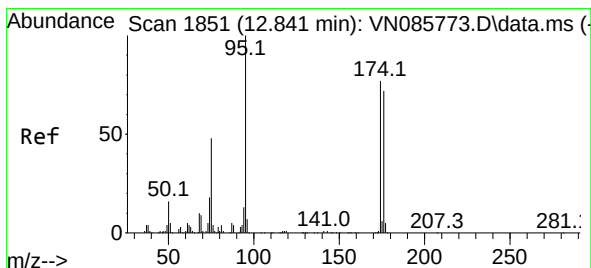
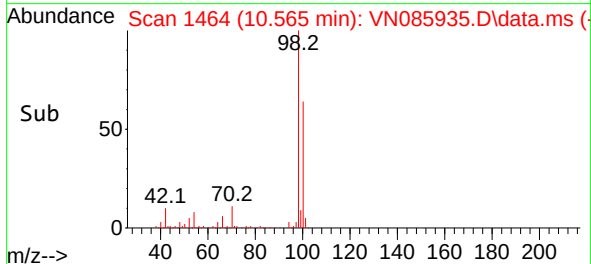
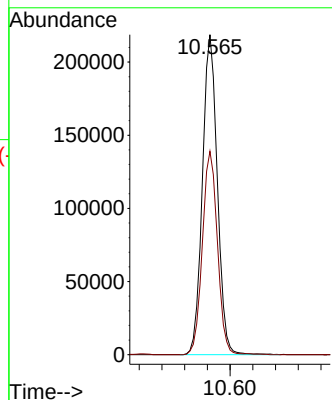
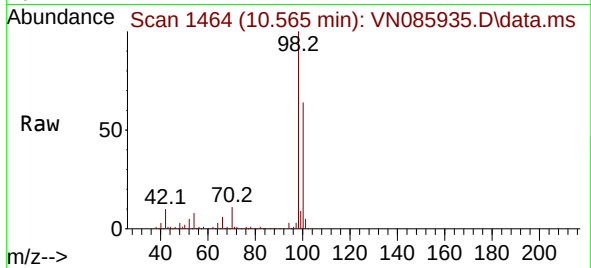




#50
Toluene-d8
Concen: 55.715 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085935.D
Acq: 11 Mar 2025 16:40

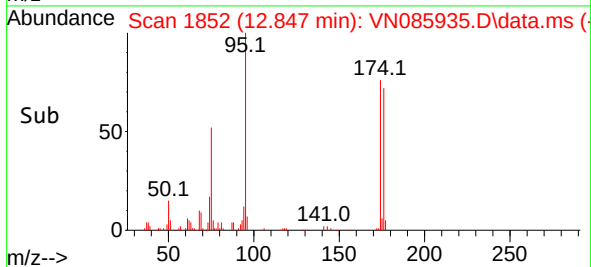
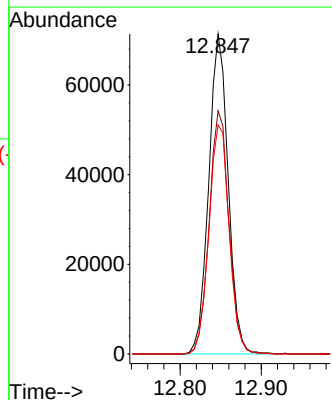
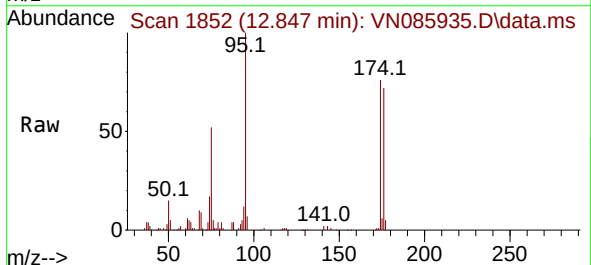
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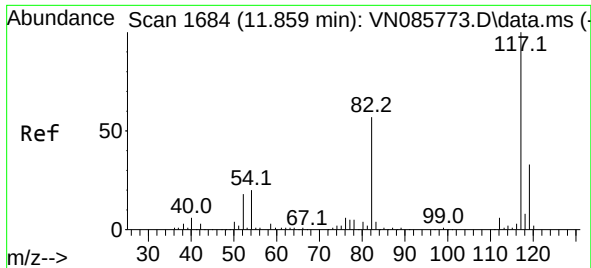
Tgt Ion: 98 Resp: 398030
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.319 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085935.D
Acq: 11 Mar 2025 16:40

Tgt Ion: 95 Resp: 118440
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.4
176 74.5 0.0 146.6

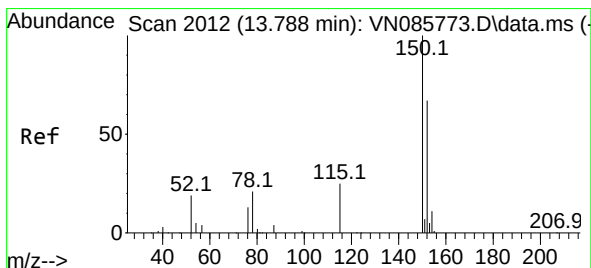
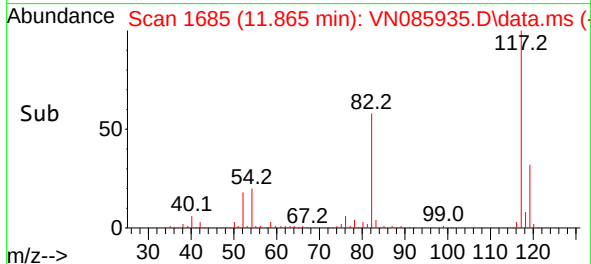
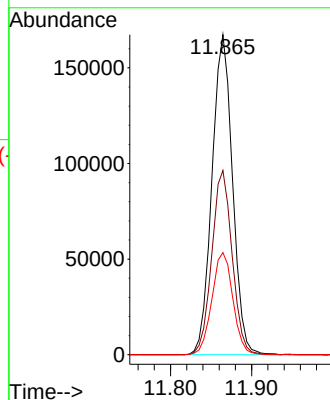
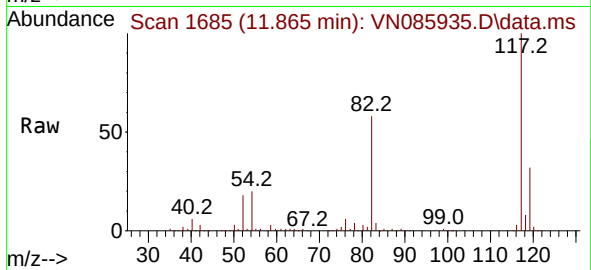




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085935.D
Acq: 11 Mar 2025 16:40

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#02

Tgt Ion:117 Resp: 293699
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085935.D
Acq: 11 Mar 2025 16:40

Tgt Ion:152 Resp: 106336
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 158.3 0.0 345.4

