

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086104.D
 Acq On : 25 Mar 2025 16:40
 Operator : JC\MD
 Sample : PB167276ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167276ZHE#09

Quant Time: Mar 26 03:20:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

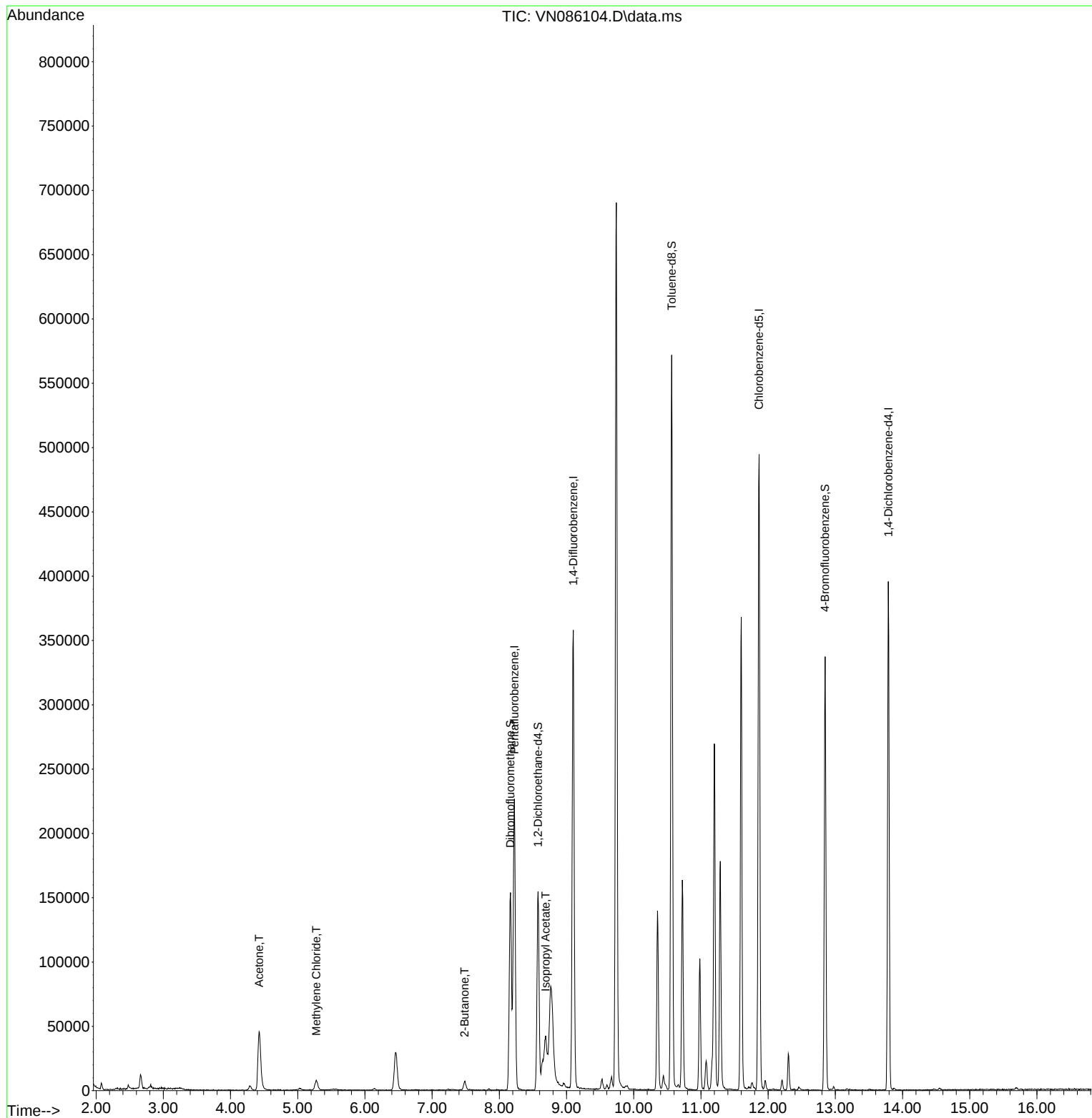
Internal Standards						
1) Pentafluorobenzene	8.224	168	161542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126510	57.191	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.380%	
35) Dibromofluoromethane	8.165	113	111526	50.740	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.480%	
50) Toluene-d8	10.565	98	401833	50.373	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.740%	
62) 4-Bromofluorobenzene	12.847	95	118718	41.730	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	83.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	84438	124.944	ug/l	96
20) Methylene Chloride	5.277	84	6262	3.167	ug/l #	83
25) 2-Butanone	7.483	43	11352	11.641	ug/l	95
43) Isopropyl Acetate	8.688	43	60557	11.445	ug/l #	65

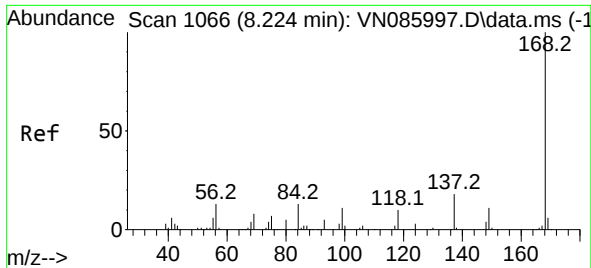
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

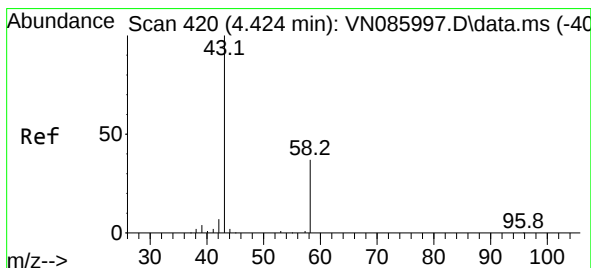
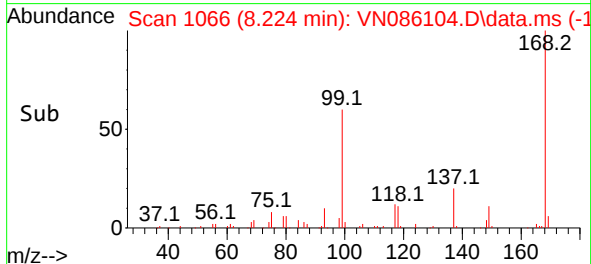
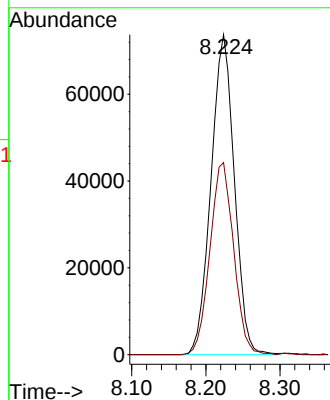
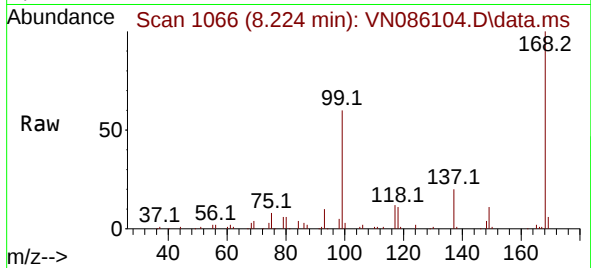




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086104.D
Acq: 25 Mar 2025 16:40

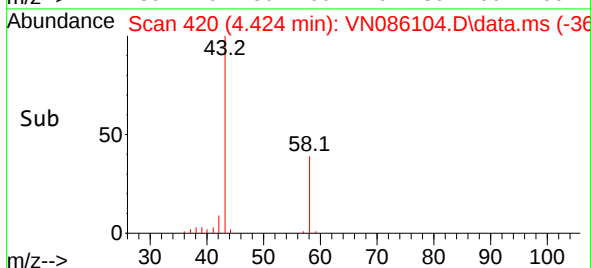
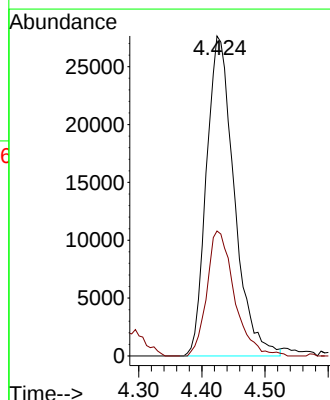
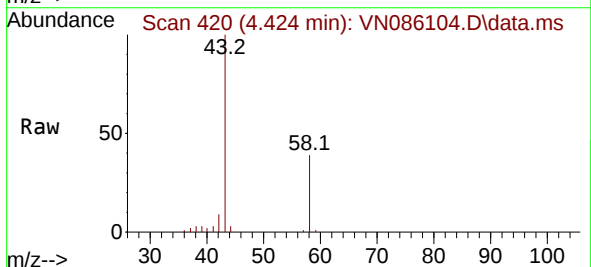
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#09

Tgt Ion:168 Resp: 161542
Ion Ratio Lower Upper
168 100
99 60.0 49.4 74.2



#16
Acetone
Concen: 124.944 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086104.D
Acq: 25 Mar 2025 16:40

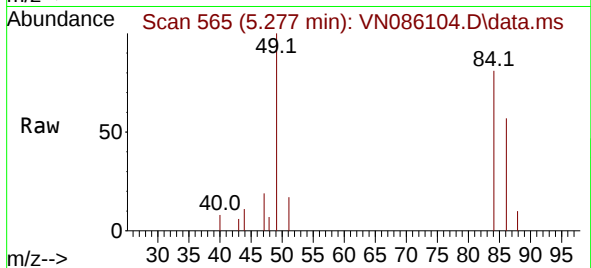
Tgt Ion: 43 Resp: 84438
Ion Ratio Lower Upper
43 100
58 39.1 29.4 44.2



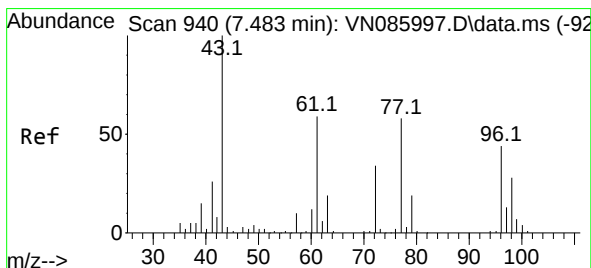
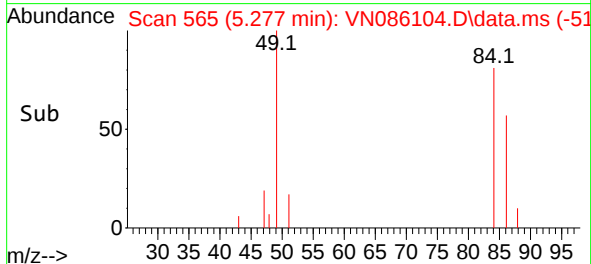
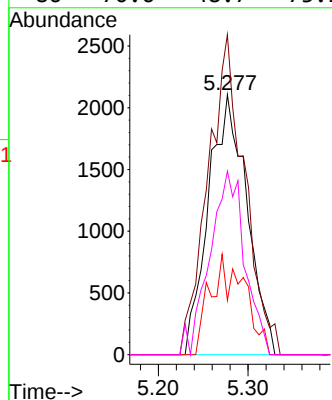


#20
Methylene Chloride
Concen: 3.167 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086104.D
Acq: 25 Mar 2025 16:40

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#09

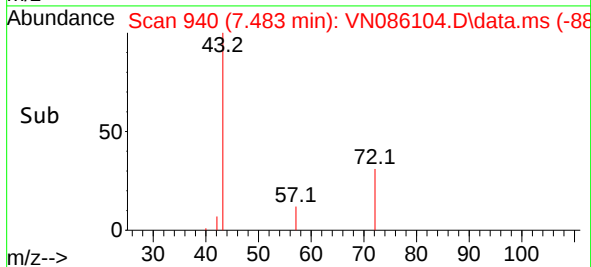
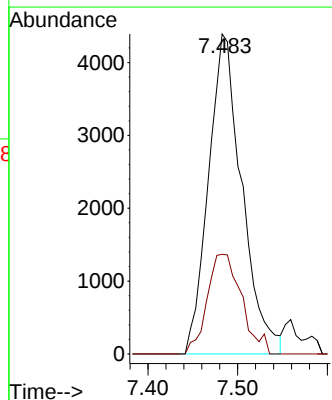
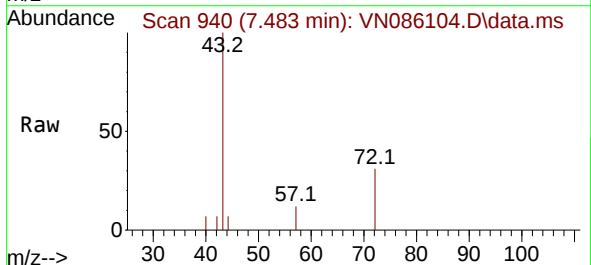


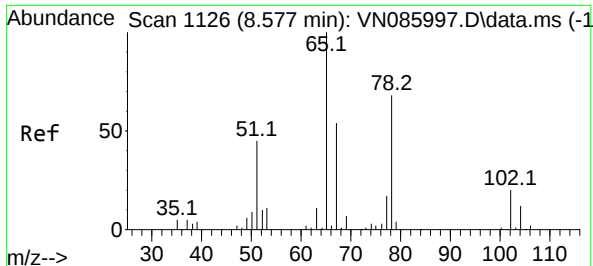
Tgt Ion:	84	Resp:	6262
Ion	Ratio	Lower	Upper
84	100		
49	123.1	83.3	124.9
51	20.9	24.8	37.2#
86	70.6	48.7	73.1



#25
2-Butanone
Concen: 11.641 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086104.D
Acq: 25 Mar 2025 16:40

Tgt Ion:	43	Resp:	11352
Ion	Ratio	Lower	Upper
43	100		
72	31.1	27.4	41.0





#33

1,2-Dichloroethane-d4

Concen: 57.191 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086104.D

Acq: 25 Mar 2025 16:40

Instrument :

MSVOA_N

ClientSampleId :

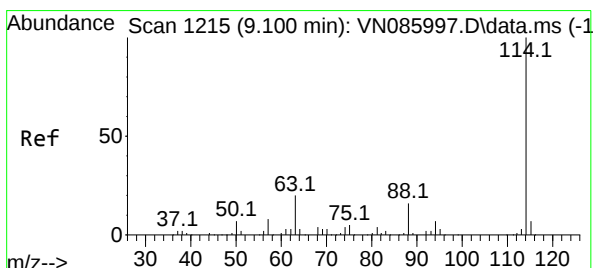
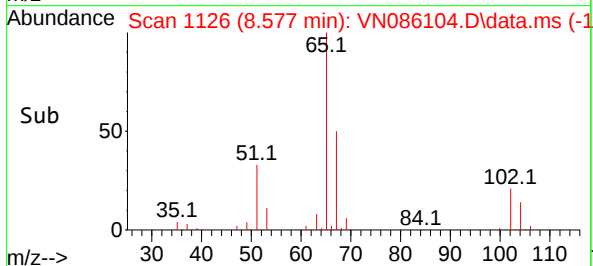
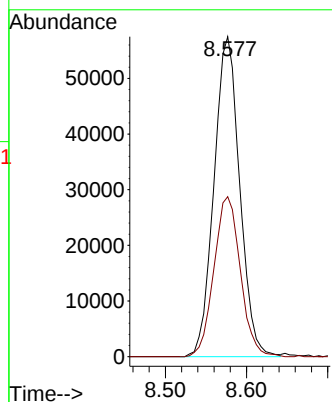
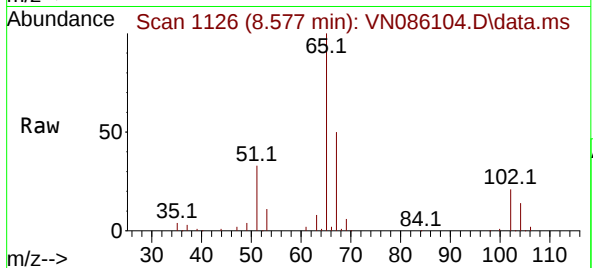
PB167276ZHE#09

Tgt Ion: 65 Resp: 126510

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086104.D

Acq: 25 Mar 2025 16:40

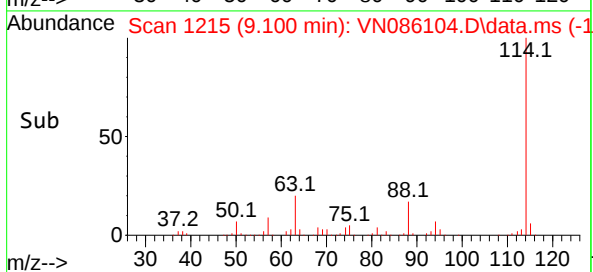
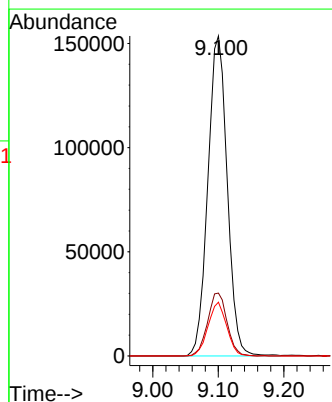
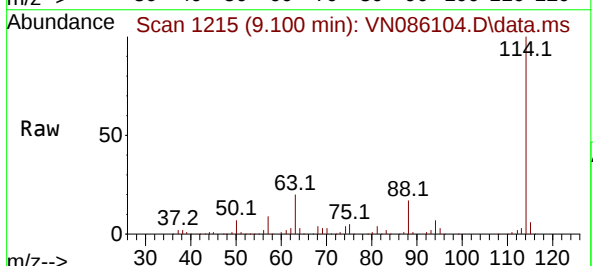
Tgt Ion: 114 Resp: 314904

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.8 0.0 32.6

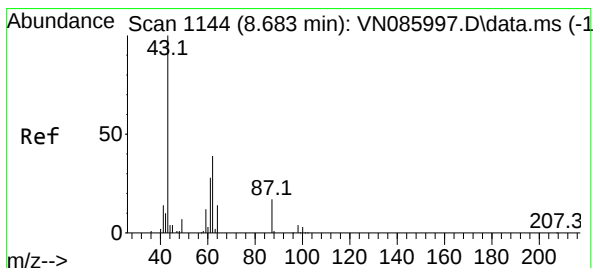
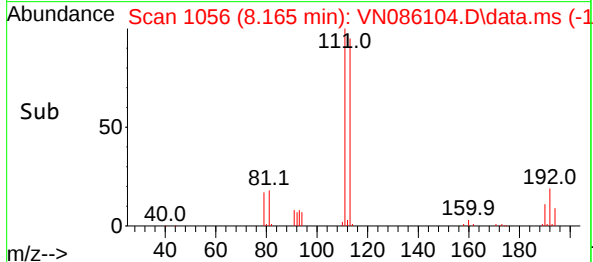
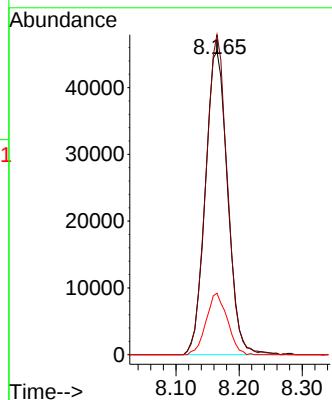
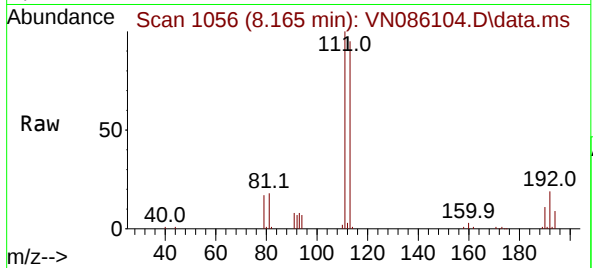




#35
Dibromofluoromethane
Concen: 50.740 ug/l
RT: 8.165 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN086104.D
Acq: 25 Mar 2025 16:40

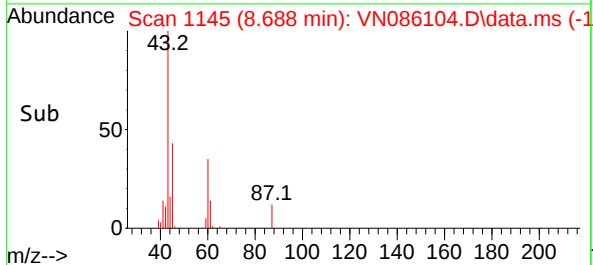
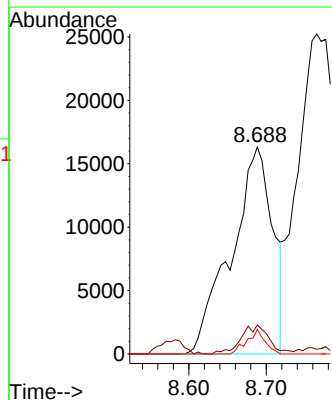
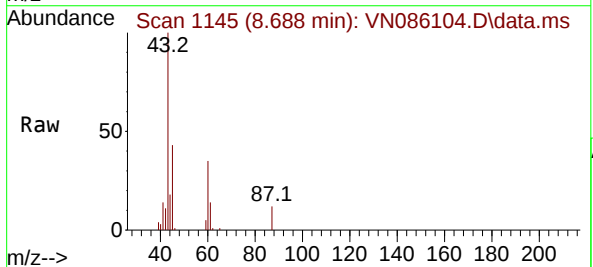
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#09

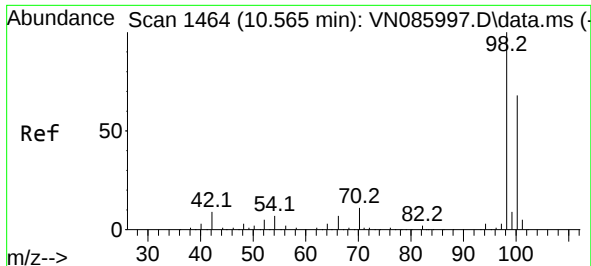
Tgt Ion:113 Resp: 111526
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 19.2 15.9 23.9



#43
Isopropyl Acetate
Concen: 11.445 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086104.D
Acq: 25 Mar 2025 16:40

Tgt Ion: 43 Resp: 60557
Ion Ratio Lower Upper
43 100
61 9.5 25.0 37.6#
87 5.1 13.0 19.4#

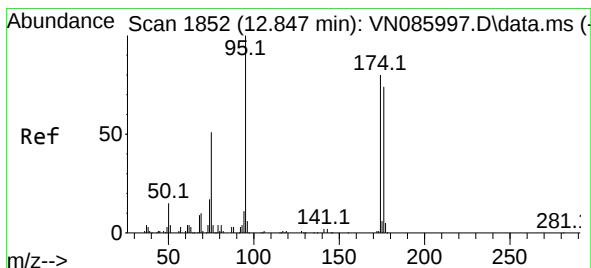
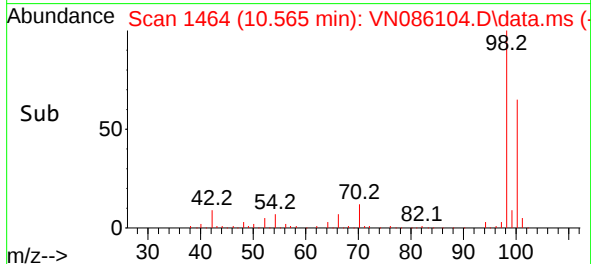
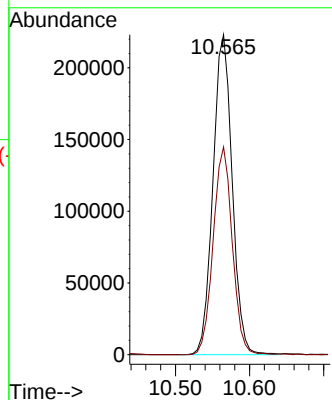
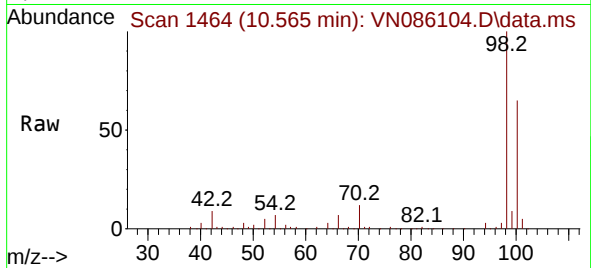




#50
Toluene-d8
Concen: 50.373 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086104.D
Acq: 25 Mar 2025 16:40

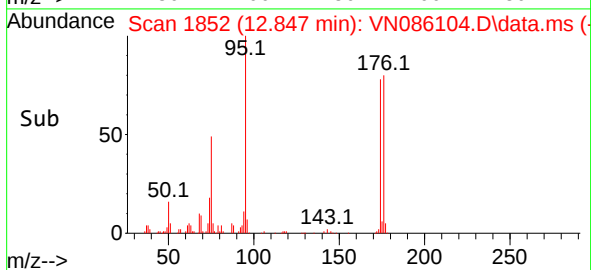
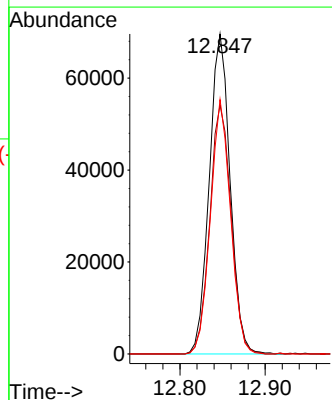
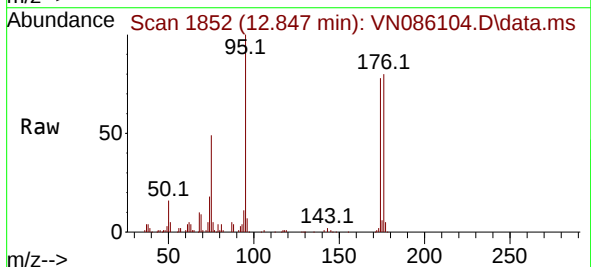
Instrument :
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PB167276ZHE#09

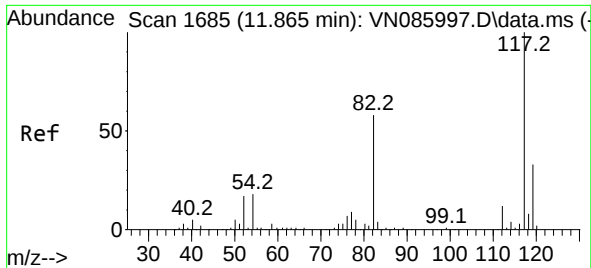
Tgt Ion: 98 Resp: 401833
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 41.730 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086104.D
Acq: 25 Mar 2025 16:40

Tgt Ion: 95 Resp: 118718
Ion Ratio Lower Upper
95 100
174 79.6 0.0 156.8
176 76.7 0.0 152.2

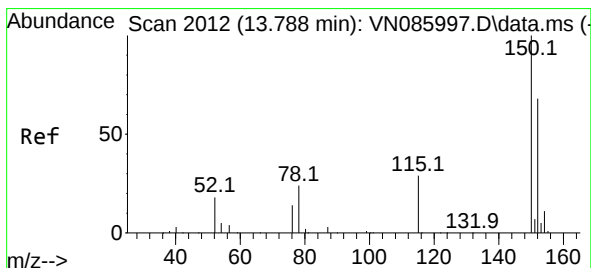
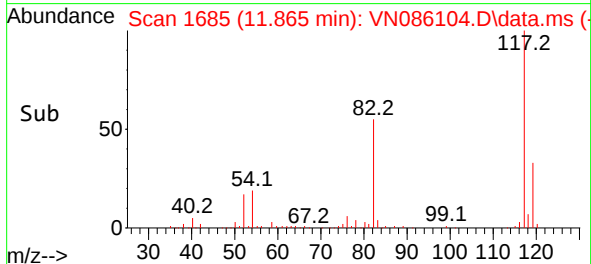
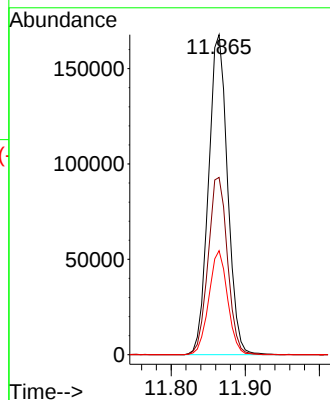
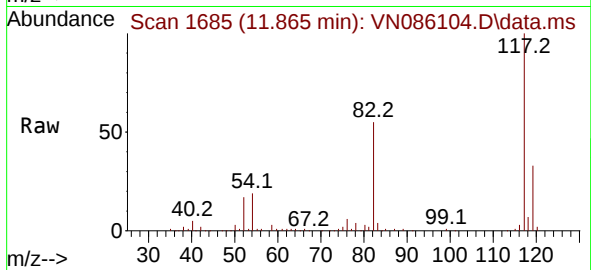




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086104.D
Acq: 25 Mar 2025 16:40

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#09

Tgt Ion:117 Resp: 299908
Ion Ratio Lower Upper
117 100
82 55.4 46.7 70.1
119 32.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086104.D
Acq: 25 Mar 2025 16:40

Tgt Ion:152 Resp: 110914
Ion Ratio Lower Upper
152 100
115 60.6 31.1 93.2
150 159.0 0.0 359.6

