

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086019.D
 Acq On : 19 Mar 2025 19:15
 Operator : JC\MD
 Sample : Q1593-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 258829

Quant Time: Mar 20 01:37:20 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)

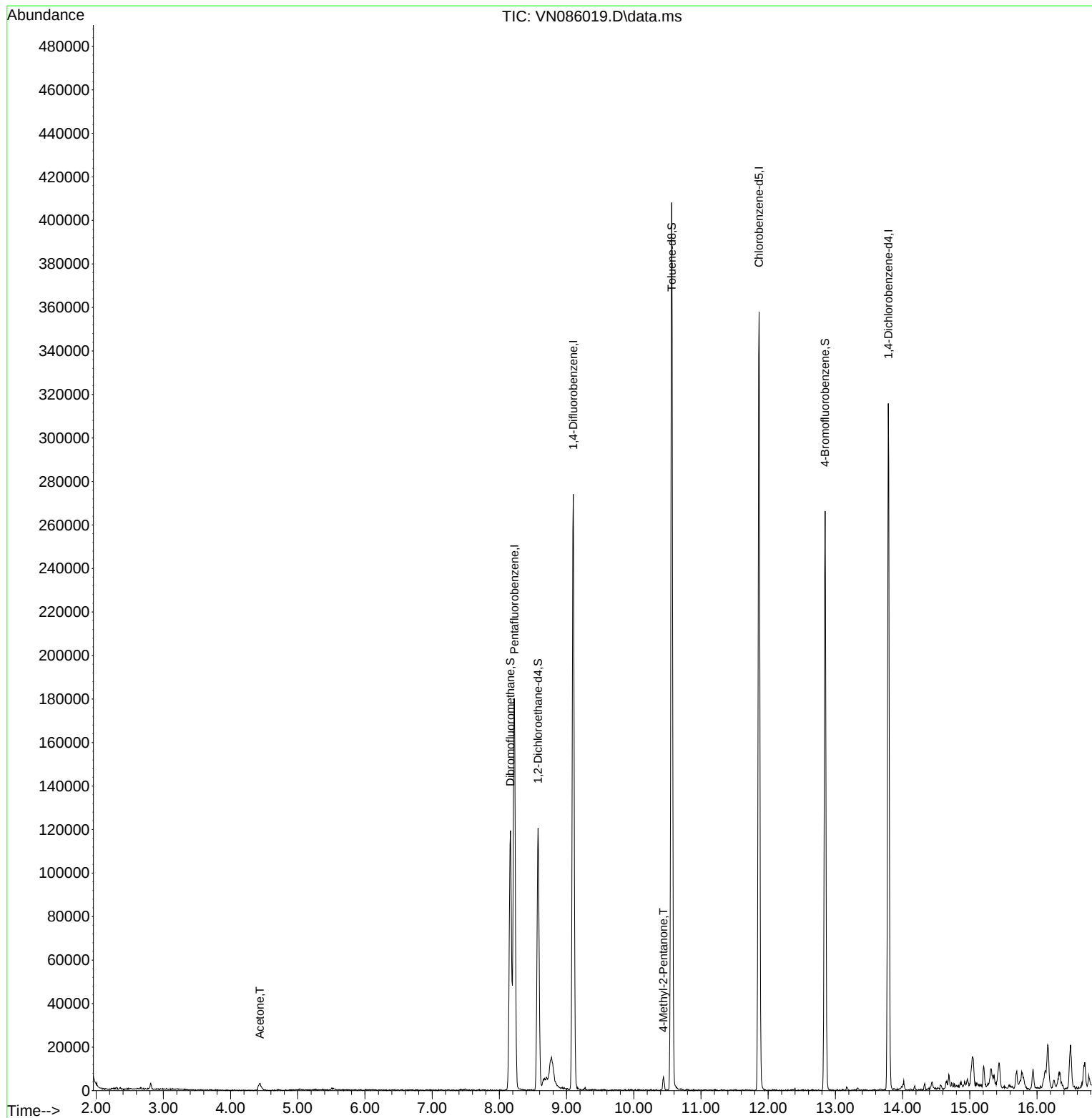
Internal Standards						
1) Pentafluorobenzene	8.224	168	129323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103004	58.166	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.340%			
35) Dibromofluoromethane	8.165	113	84854	50.993	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.980%			
50) Toluene-d8	10.565	98	287356	47.581	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.160%			
62) 4-Bromofluorobenzene	12.847	95	93419	43.374	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 86.740%			
Target Compounds						
16) Acetone	4.436	43	6192	11.445	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	3850	2.179	ug/l	97

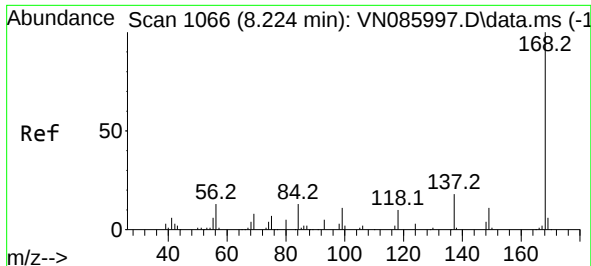
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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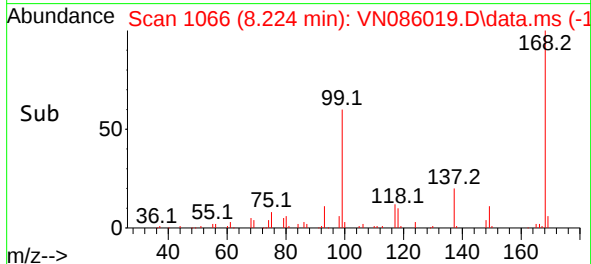
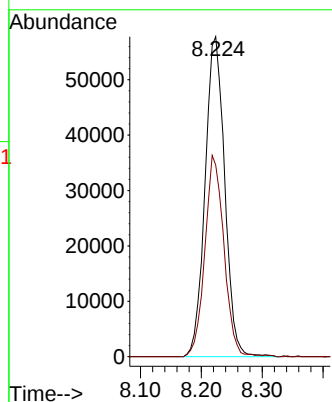
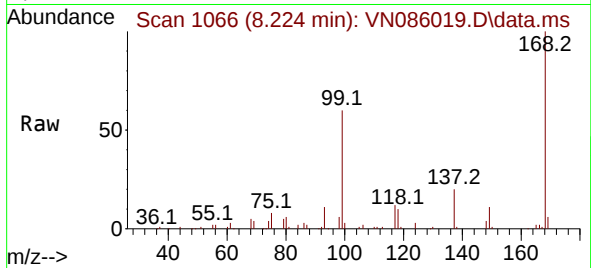




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086019.D
Acq: 19 Mar 2025 19:15

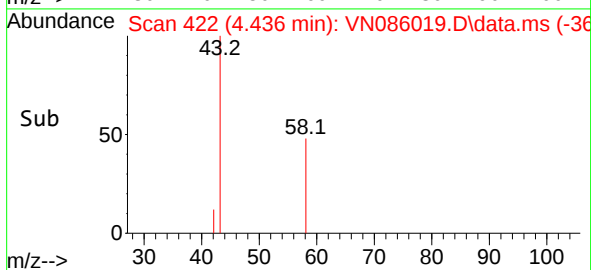
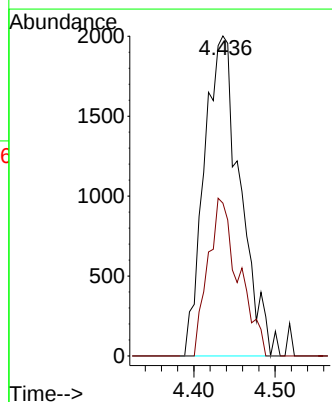
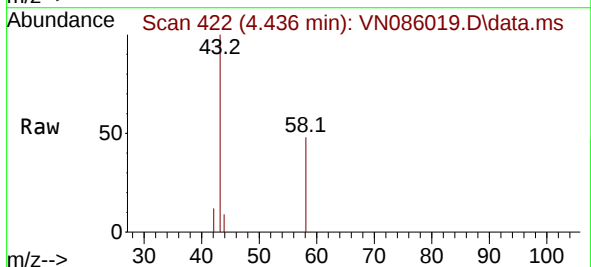
Instrument :
MSVOA_N
ClientSampleId :
258829

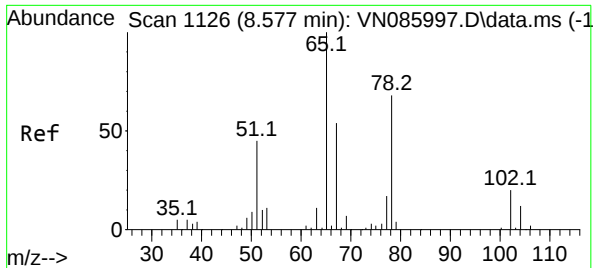
Tgt Ion:168 Resp: 129323
Ion Ratio Lower Upper
168 100
99 59.8 49.4 74.2



#16
Acetone
Concen: 11.445 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086019.D
Acq: 19 Mar 2025 19:15

Tgt Ion: 43 Resp: 6192
Ion Ratio Lower Upper
43 100
58 47.8 29.4 44.2#

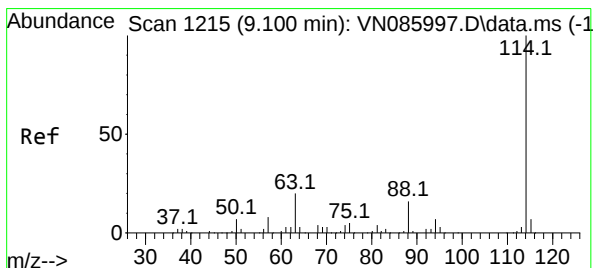
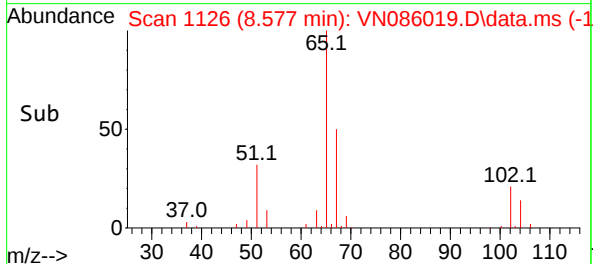
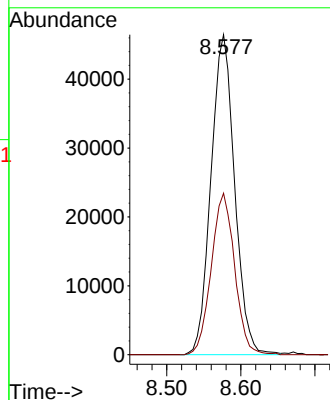
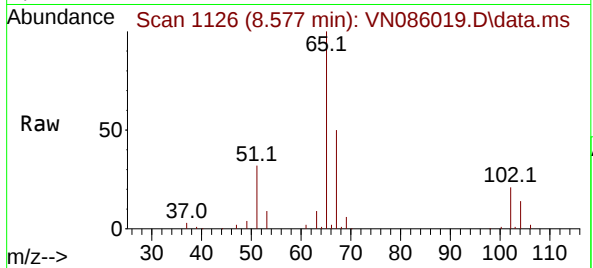




#33
 1,2-Dichloroethane-d4
 Concen: 58.166 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086019.D
 Acq: 19 Mar 2025 19:15

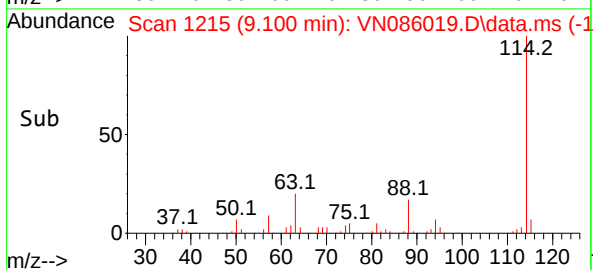
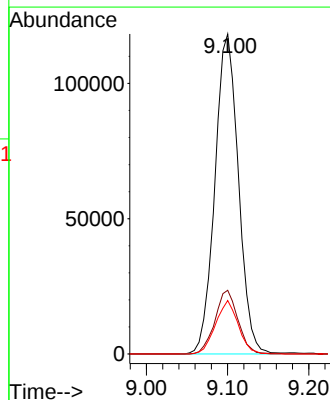
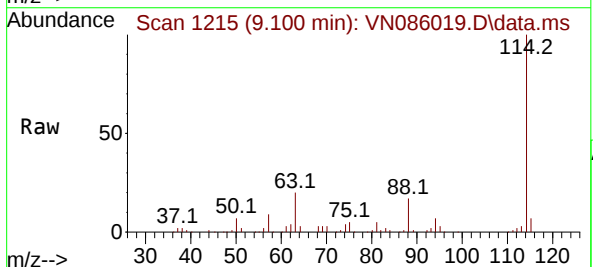
Instrument :
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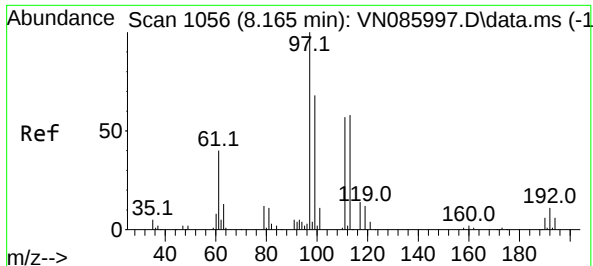
Tgt Ion: 65 Resp: 103004
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086019.D
 Acq: 19 Mar 2025 19:15

Tgt Ion: 114 Resp: 238404
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 16.7 0.0 32.6

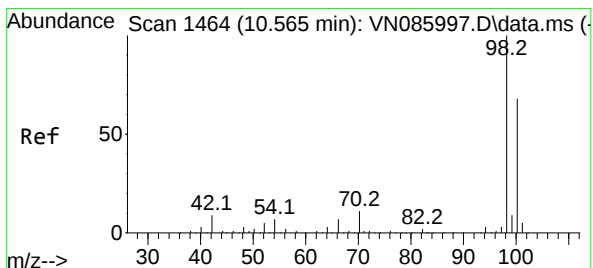
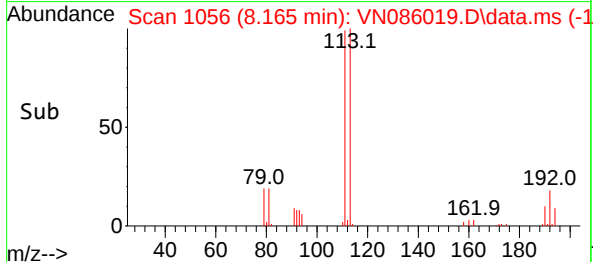
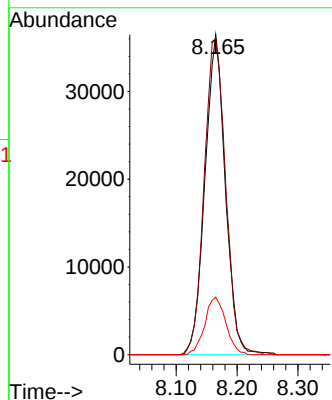
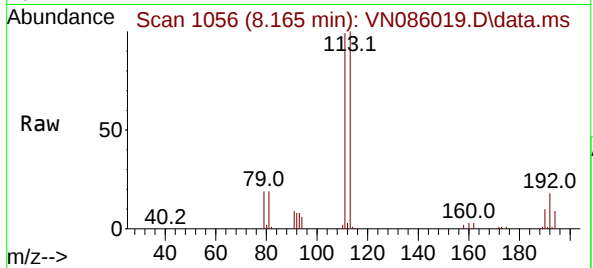




#35
Dibromofluoromethane
Concen: 50.993 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086019.D
Acq: 19 Mar 2025 19:15

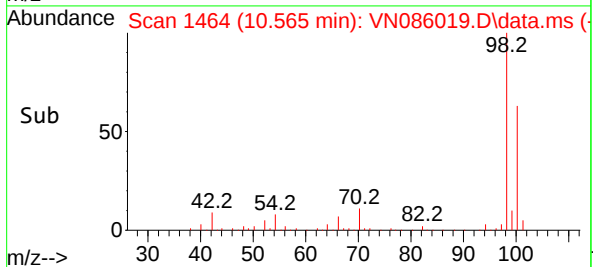
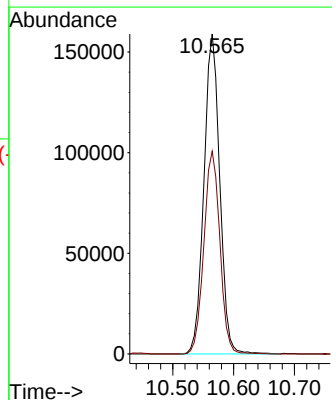
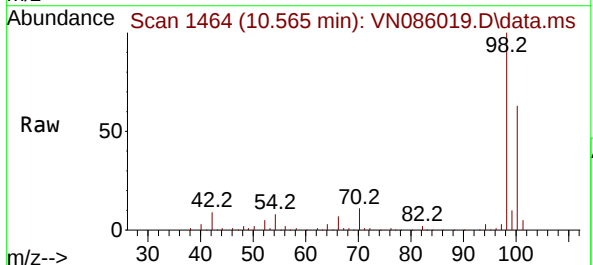
Instrument :
MSVOA_N
ClientSampleId :
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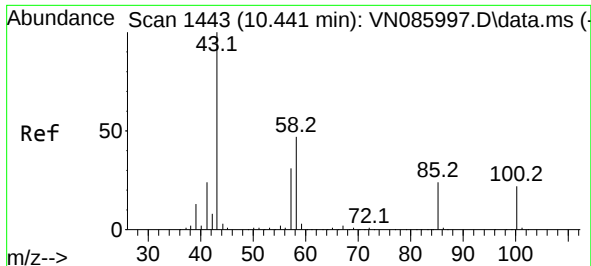
Tgt Ion:	113	Resp:	84854
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	18.5	15.9	23.9



#50
Toluene-d8
Concen: 47.581 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086019.D
Acq: 19 Mar 2025 19:15

Tgt Ion:	98	Resp:	287356
Ion	Ratio	Lower	Upper
98	100		
100	64.0	53.1	79.7

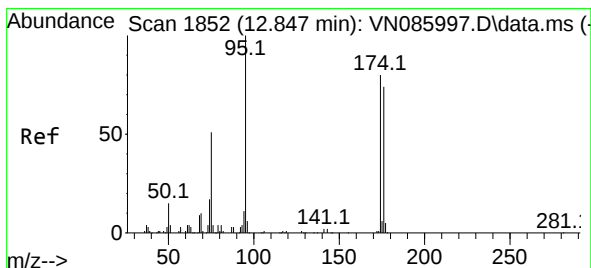
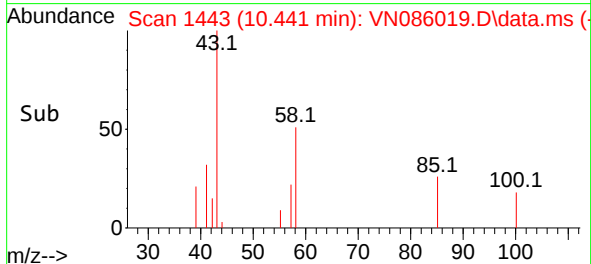
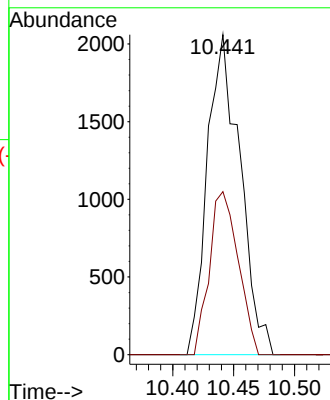
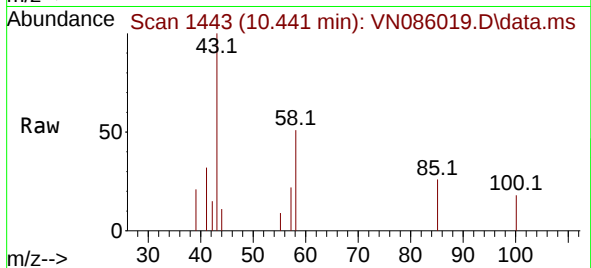




#51
4-Methyl-2-Pentanone
Concen: 2.179 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086019.D
Acq: 19 Mar 2025 19:15

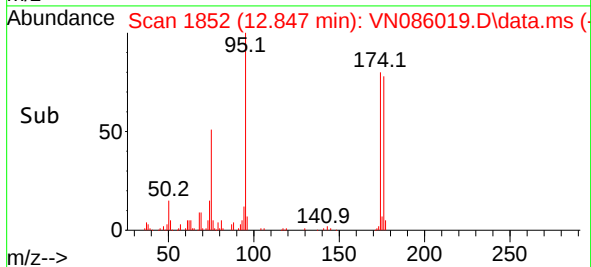
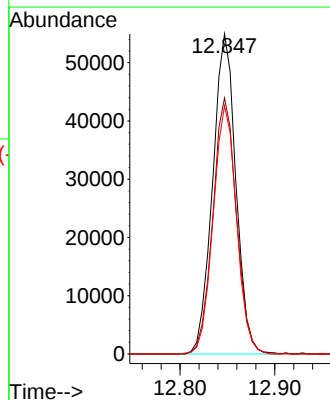
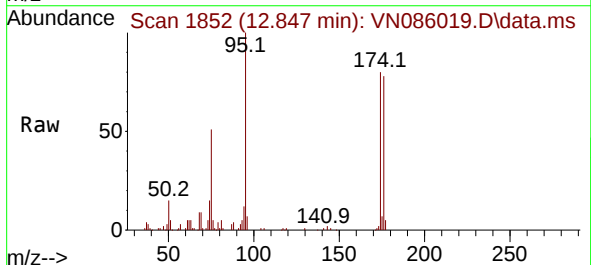
Instrument :
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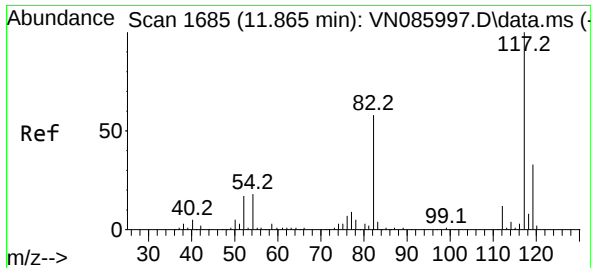
Tgt Ion: 43 Resp: 3850
Ion Ratio Lower Upper
43 100
58 44.9 37.4 56.0



#62
4-Bromofluorobenzene
Concen: 43.374 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086019.D
Acq: 19 Mar 2025 19:15

Tgt Ion: 95 Resp: 93419
Ion Ratio Lower Upper
95 100
174 81.4 0.0 156.8
176 78.0 0.0 152.2

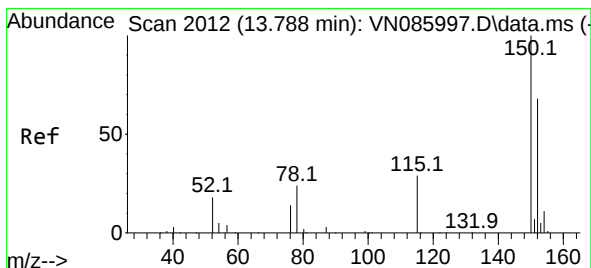
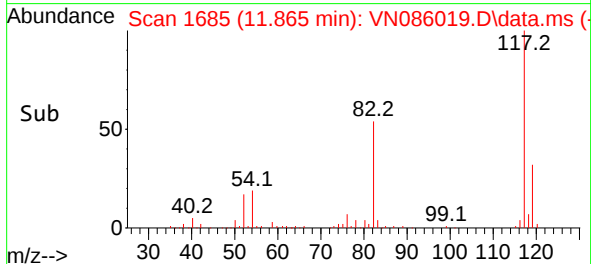
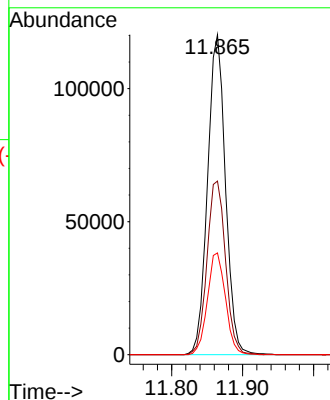
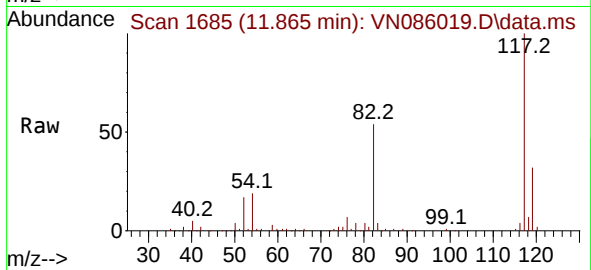




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086019.D
Acq: 19 Mar 2025 19:15

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 211058
Ion Ratio Lower Upper
117 100
82 54.3 46.7 70.1
119 31.8 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: VN086019.D
Acq: 19 Mar 2025 19:15

Tgt Ion:152 Resp: 90396
Ion Ratio Lower Upper
152 100
115 59.5 31.1 93.2
150 153.9 0.0 359.6

