

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086881.D
 Acq On : 06 Jun 2025 20:59
 Operator : JC\MD
 Sample : Q2206-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Jun 07 02:31:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

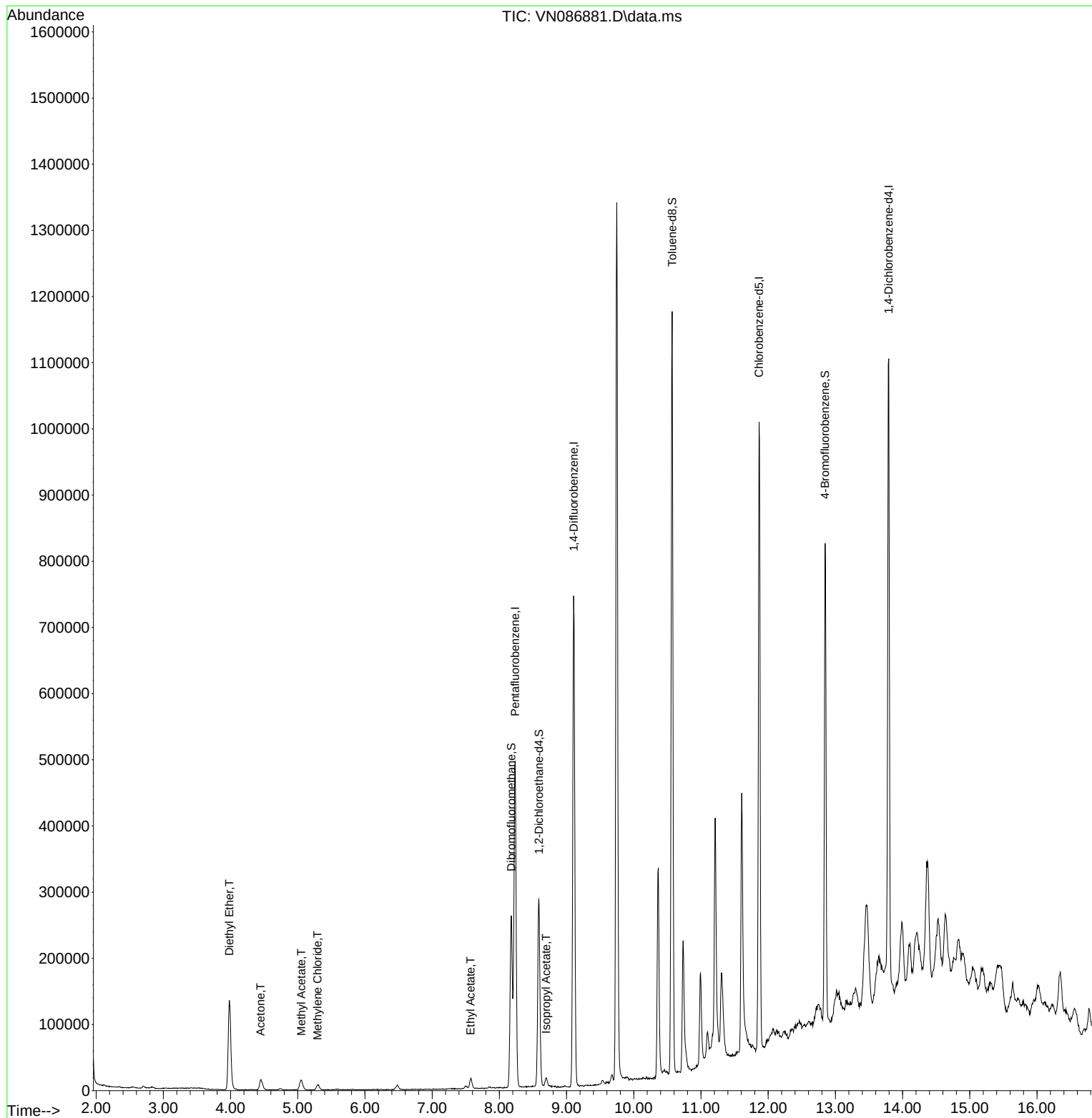
Internal Standards						
1) Pentafluorobenzene	8.235	168	400132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	698857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	597277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	286406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	230762	43.074	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.140%		
35) Dibromofluoromethane	8.177	113	198644	47.963	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.920%		
50) Toluene-d8	10.571	98	837982	51.111	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.220%		
62) 4-Bromofluorobenzene	12.847	95	293743	48.223	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.440%		
Target Compounds						Qvalue
8) Diethyl Ether	3.983	74	95315	31.507	ug/l	92
16) Acetone	4.447	43	31346	11.033	ug/l	96
18) Methyl Acetate	5.053	43	32422	3.916	ug/l	96
20) Methylene Chloride	5.294	84	6920	1.301	ug/l	87
37) Ethyl Acetate	7.571	43	23313	2.967	ug/l #	96
43) Isopropyl Acetate	8.694	43	15394	1.221	ug/l	93

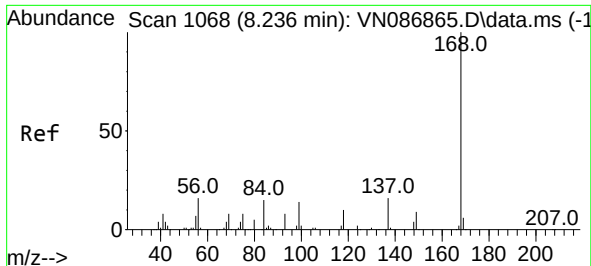
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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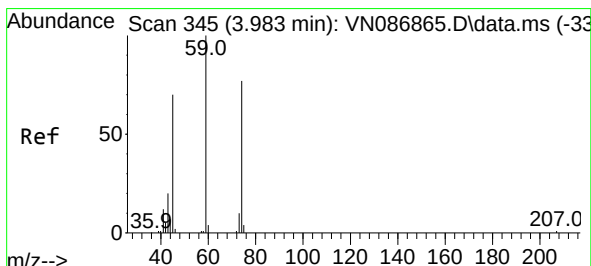
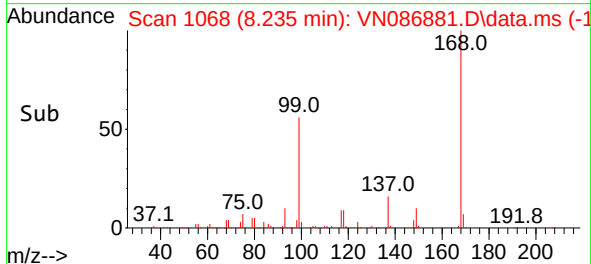
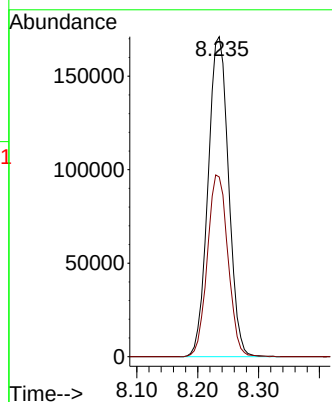
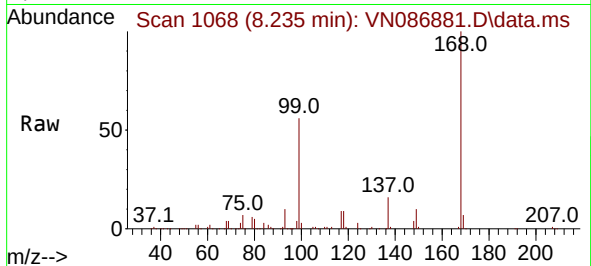




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

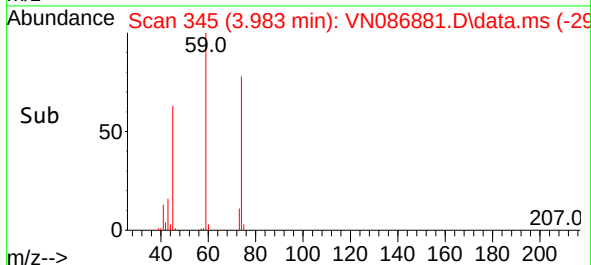
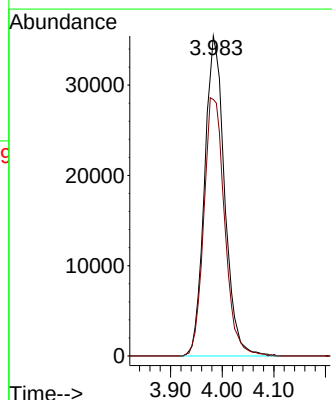
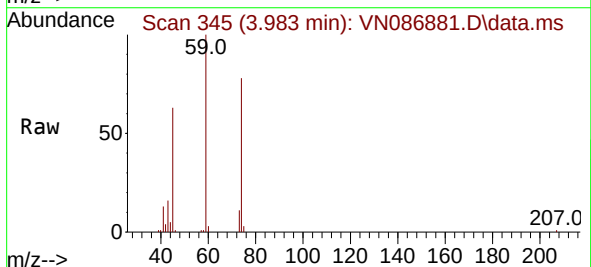
Instrument :
MSVOA_N
ClientSampleId :
TP-1

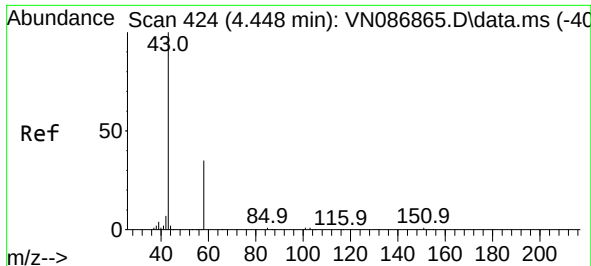
Tgt Ion:168 Resp: 400132
Ion Ratio Lower Upper
168 100
99 56.2 49.1 73.7



#8
Diethyl Ether
Concen: 31.507 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

Tgt Ion: 74 Resp: 95315
Ion Ratio Lower Upper
74 100
45 83.8 45.5 136.5

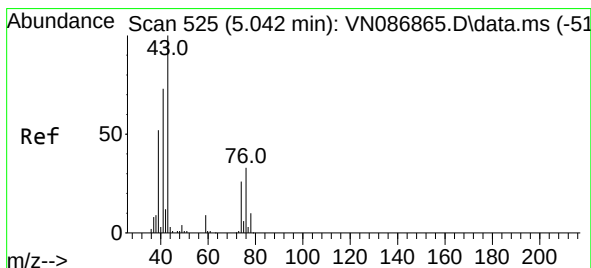
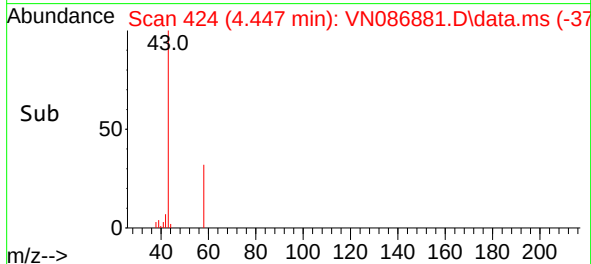
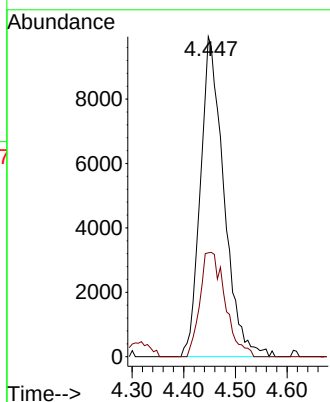
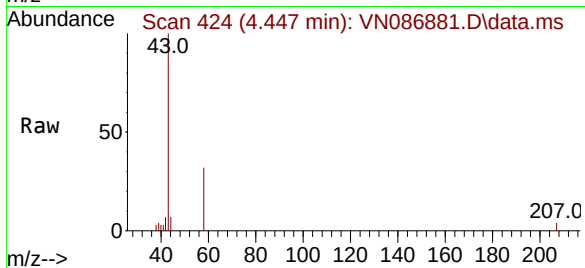




#16
Acetone
Concen: 11.033 ug/l
RT: 4.447 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

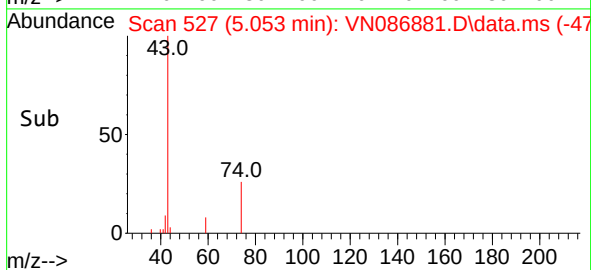
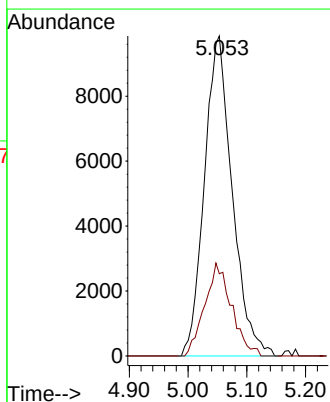
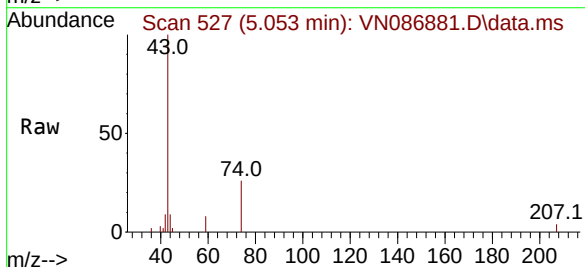
Instrument :
MSVOA_N
ClientSampleId :
TP-1

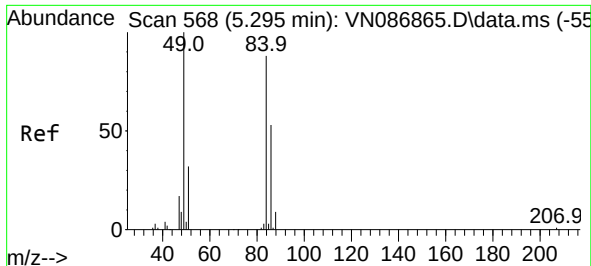
Tgt Ion: 43 Resp: 31346
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0



#18
Methyl Acetate
Concen: 3.916 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

Tgt Ion: 43 Resp: 32422
Ion Ratio Lower Upper
43 100
74 27.9 20.7 31.1

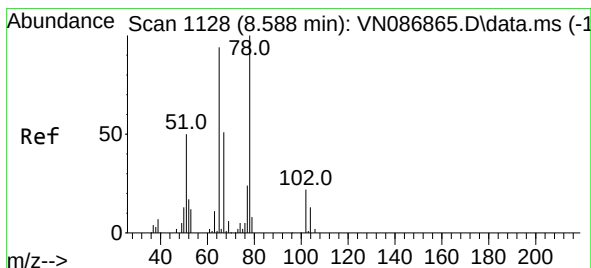
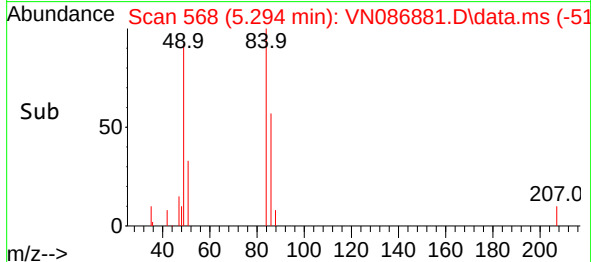
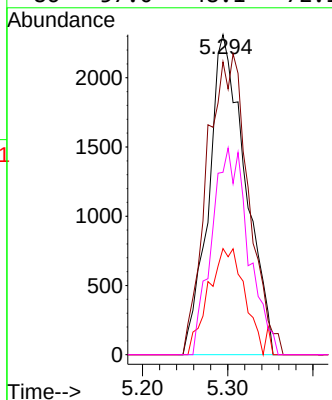
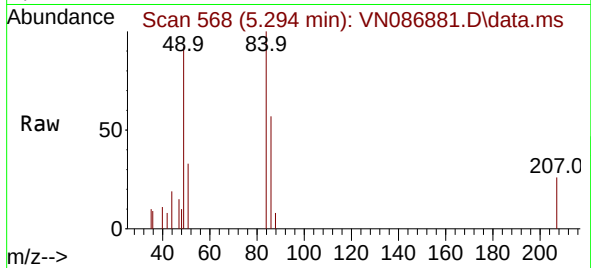




#20
Methylene Chloride
Concen: 1.301 ug/l
RT: 5.294 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

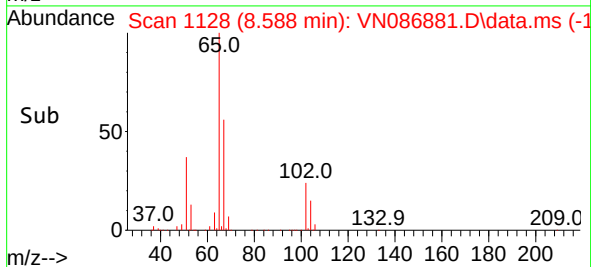
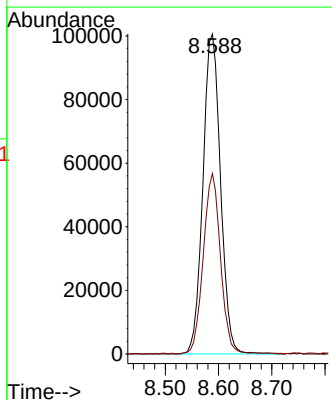
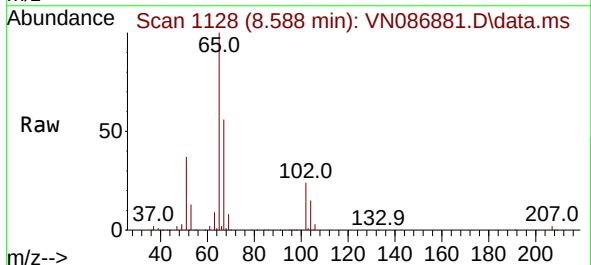
Instrument :
MSVOA_N
ClientSampleId :
TP-1

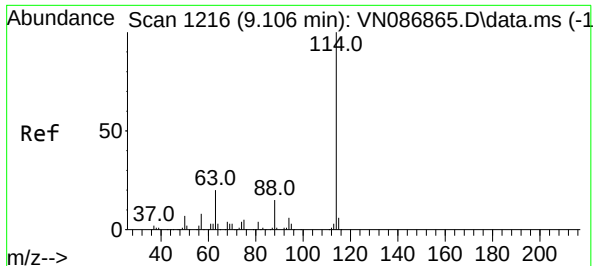
Tgt Ion:	84	Resp:	6920
Ion	Ratio	Lower	Upper
84	100		
49	91.5	90.5	135.7
51	33.1	28.5	42.7
86	57.0	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 43.074 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

Tgt Ion:	65	Resp:	230762
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	105.6

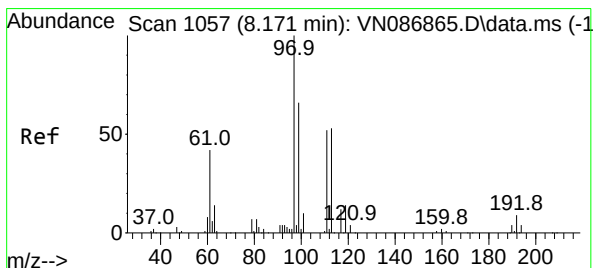
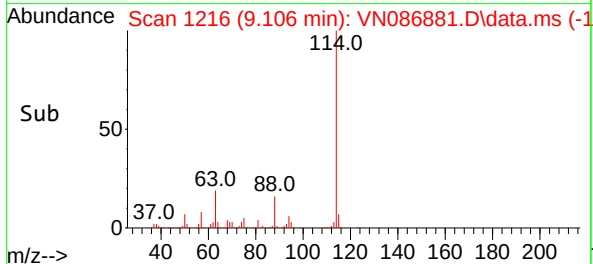
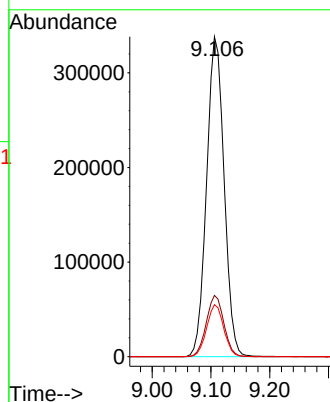
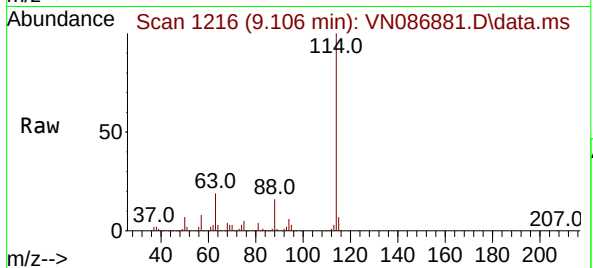




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

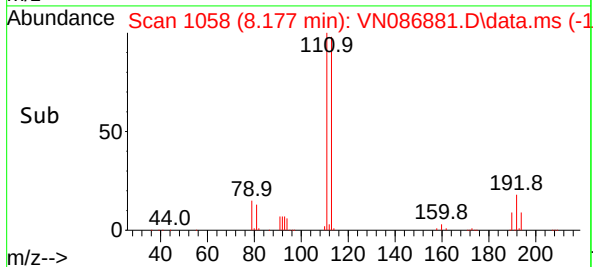
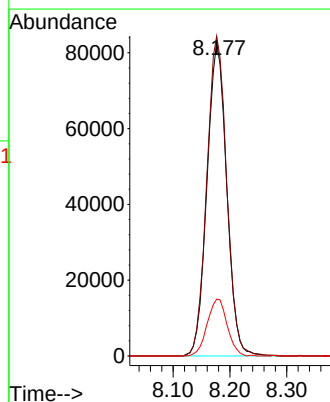
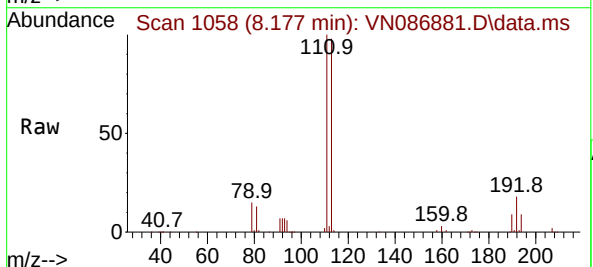
Instrument :
MSVOA_N
ClientSampleId :
TP-1

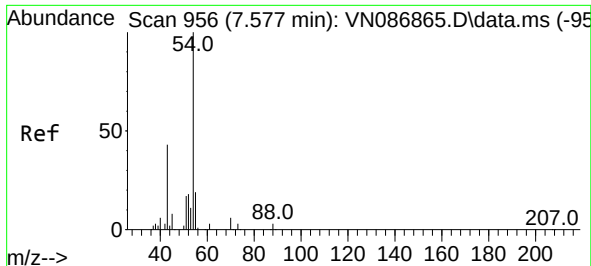
Tgt Ion:114 Resp: 698857
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 16.3 0.0 30.2



#35
Dibromofluoromethane
Concen: 47.963 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

Tgt Ion:113 Resp: 198644
Ion Ratio Lower Upper
113 100
111 103.1 84.2 126.2
192 18.5 14.2 21.4

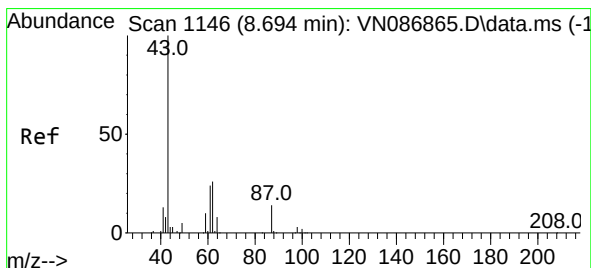
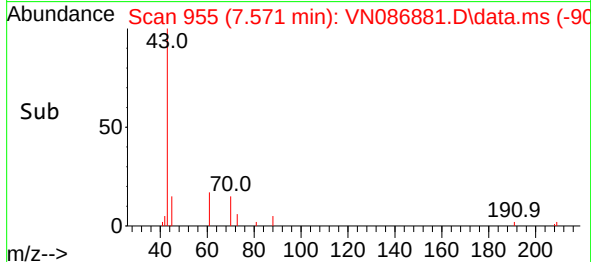
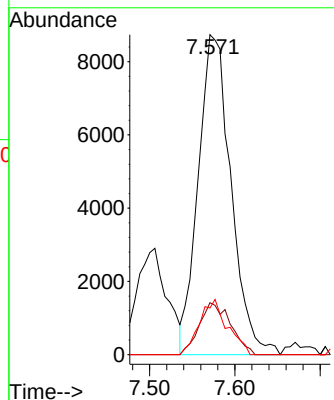
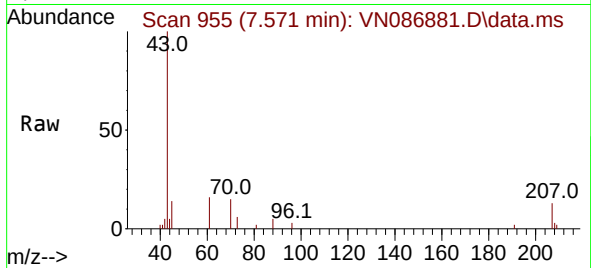




#37
Ethyl Acetate
Concen: 2.967 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

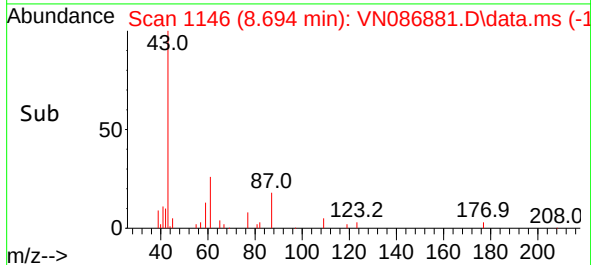
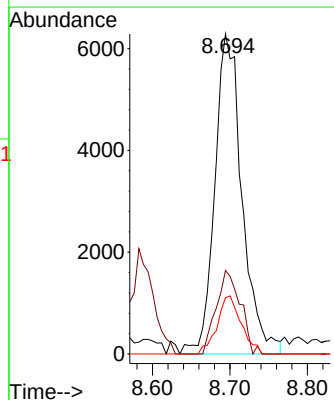
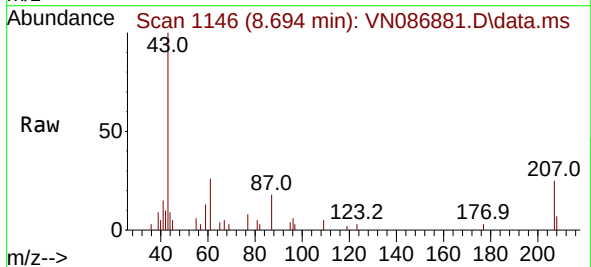
Instrument :
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ClientSampleId :
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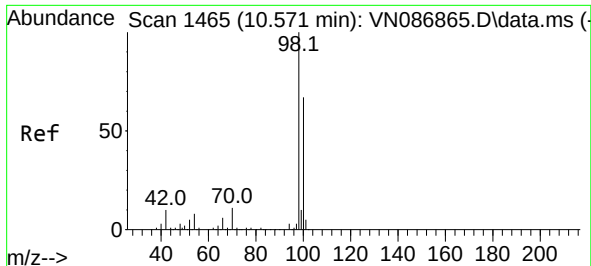
Tgt Ion:	43	Resp:	23313
Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.1	18.1
70	14.9	9.8	14.6



#43
Isopropyl Acetate
Concen: 1.221 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

Tgt Ion:	43	Resp:	15394
Ion	Ratio	Lower	Upper
43	100		
61	23.1	22.1	33.1
87	16.0	11.8	17.6

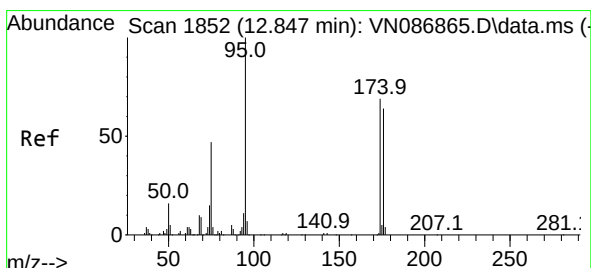
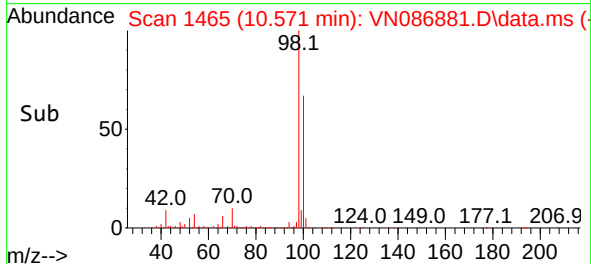
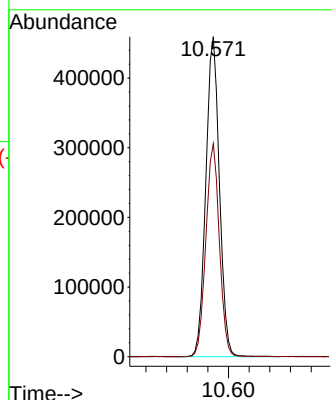
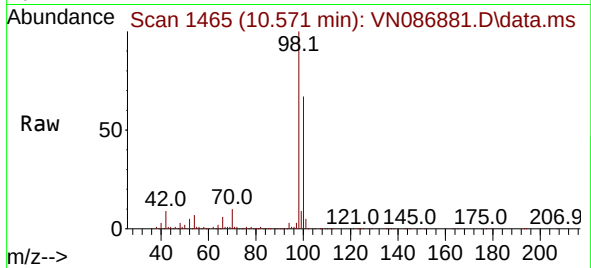




#50
Toluene-d8
Concen: 51.111 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

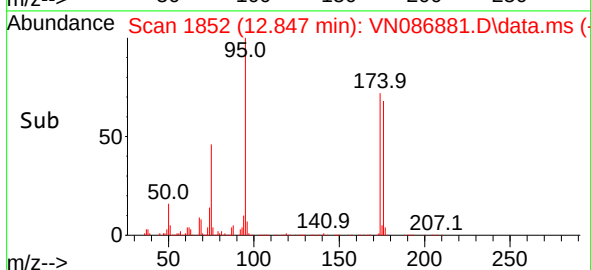
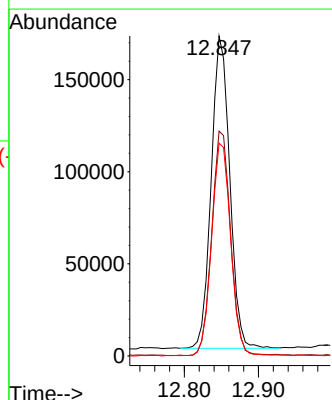
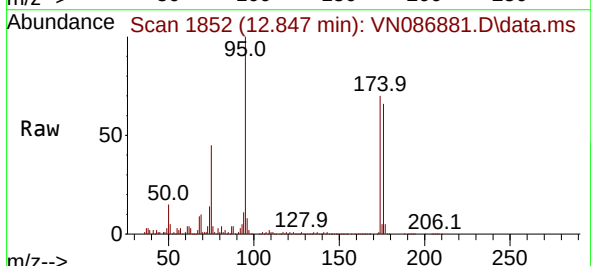
Instrument :
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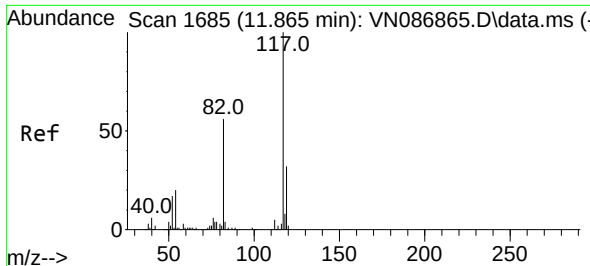
Tgt Ion: 98 Resp: 837982
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.223 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

Tgt Ion: 95 Resp: 293743
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 70.0 0.0 132.6

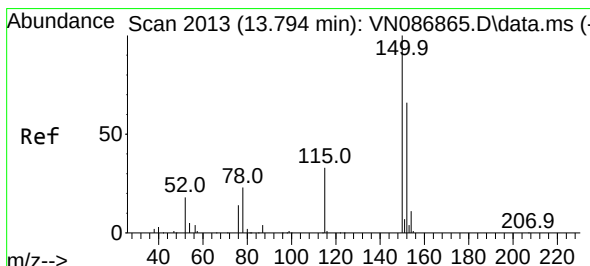
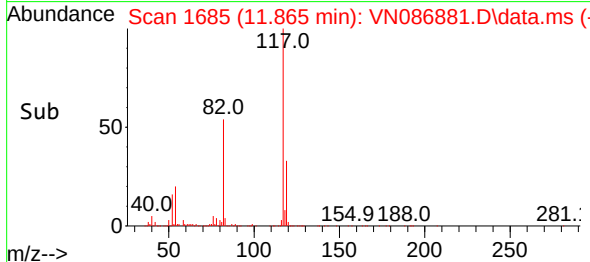
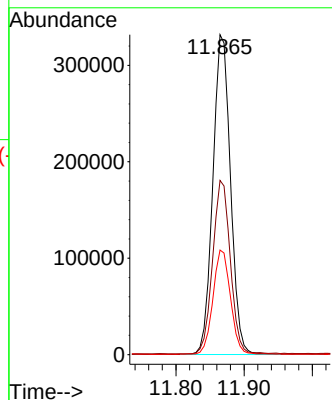
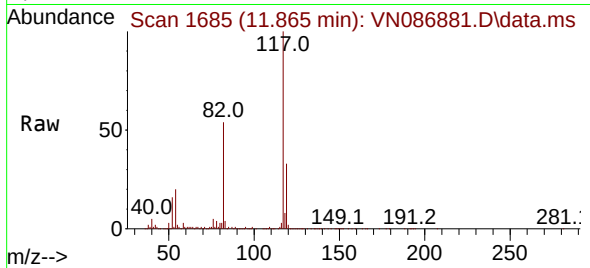




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 597277
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086881.D
Acq: 06 Jun 2025 20:59

Tgt Ion:152 Resp: 286406
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.5
150 157.3 0.0 345.0

