

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086882.D
 Acq On : 06 Jun 2025 21:21
 Operator : JC\MD
 Sample : Q2242-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP09-MHJ

Quant Time: Jun 07 02:31:59 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)

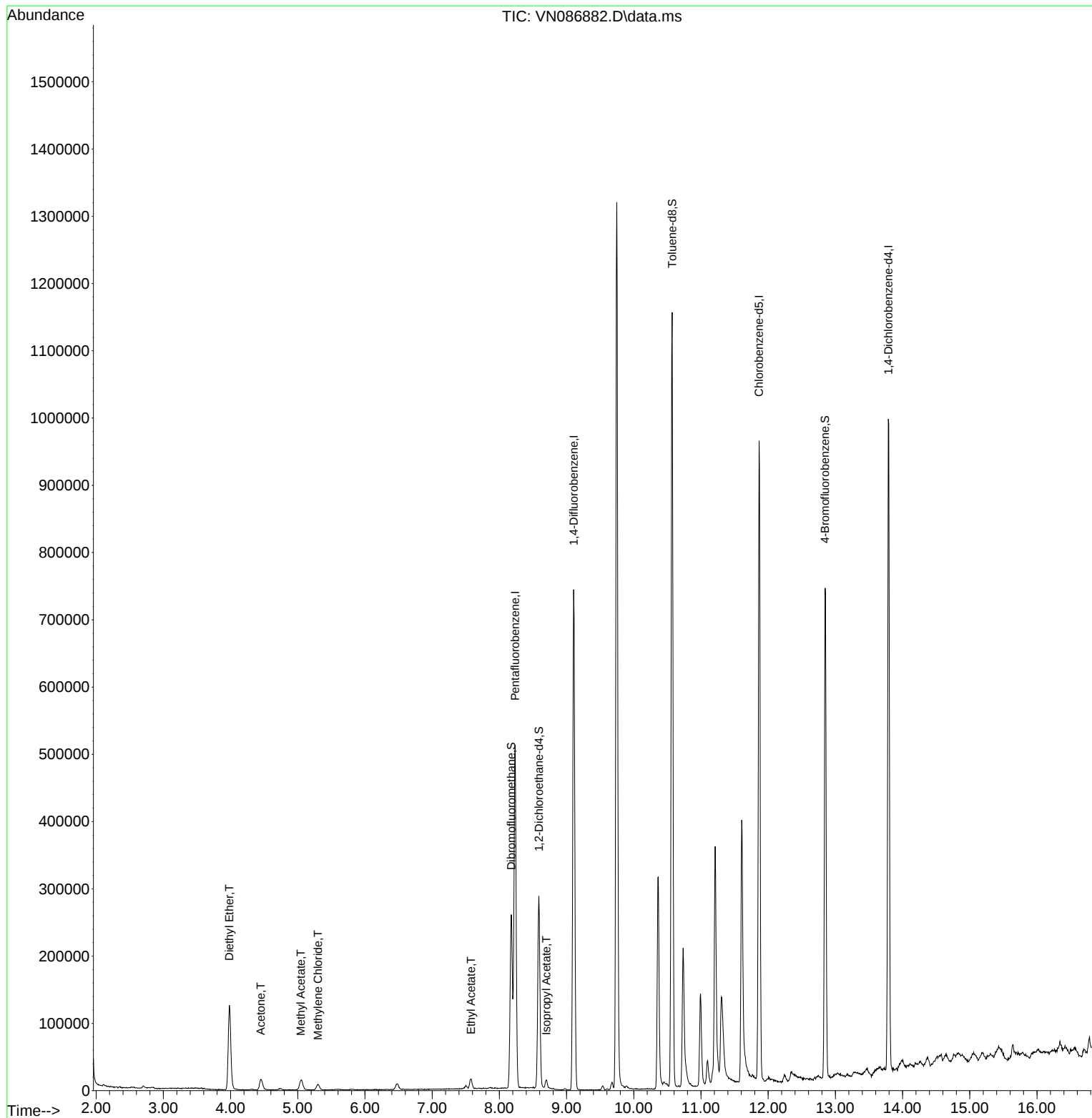
Internal Standards						
1) Pentafluorobenzene	8.235	168	408053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	706454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	606286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	292449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	231188	42.316	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.640%
35) Dibromofluoromethane	8.177	113	198851	47.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	10.571	98	841909	50.798	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.847	95	295677	48.018	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.040%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.983	74	86916	28.173	ug/l	92
16) Acetone	4.447	43	31681	10.935	ug/l	98
18) Methyl Acetate	5.047	43	33656	3.986	ug/l	96
20) Methylene Chloride	5.300	84	7390	1.362	ug/l	89
37) Ethyl Acetate	7.577	43	23446	2.952	ug/l	97
43) Isopropyl Acetate	8.700	43	13916	1.092	ug/l	94

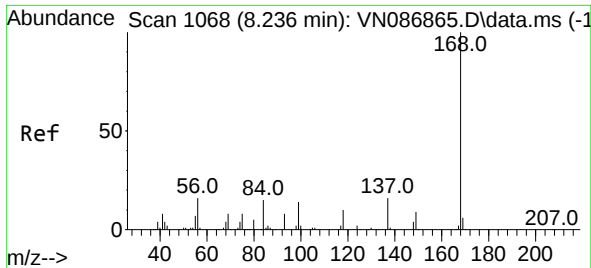
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

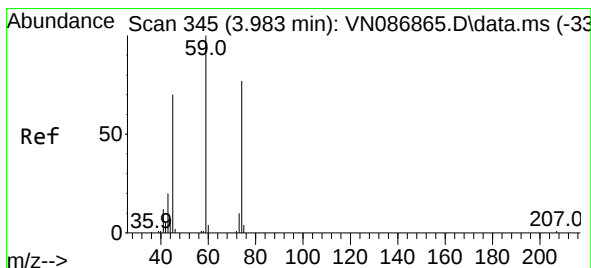
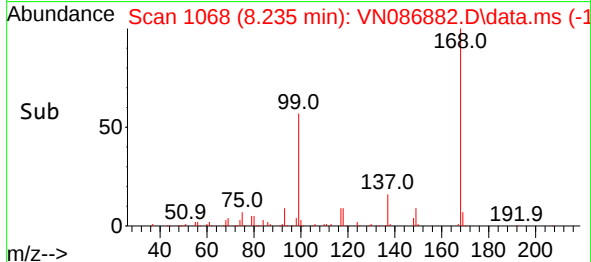
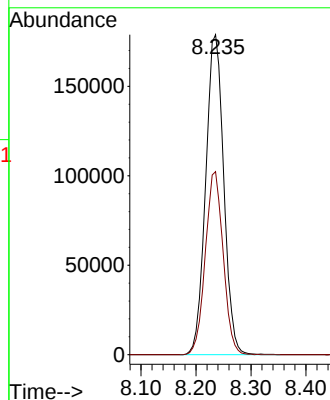
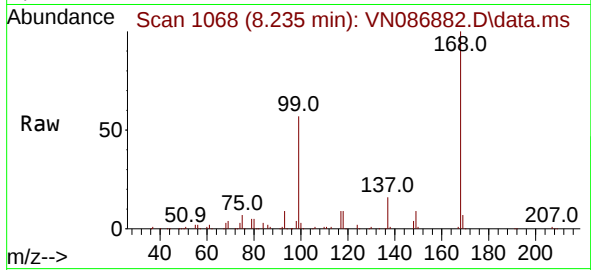




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

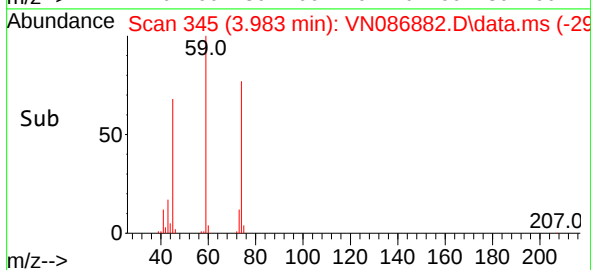
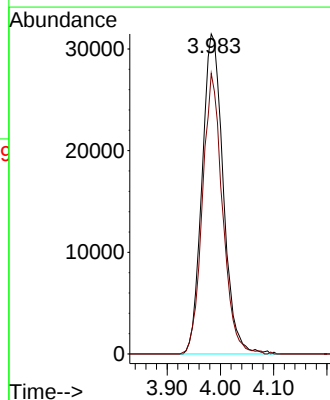
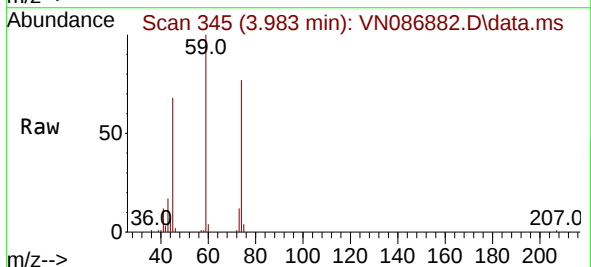
Instrument :
MSVOA_N
ClientSampleId :
TP09-MHJ

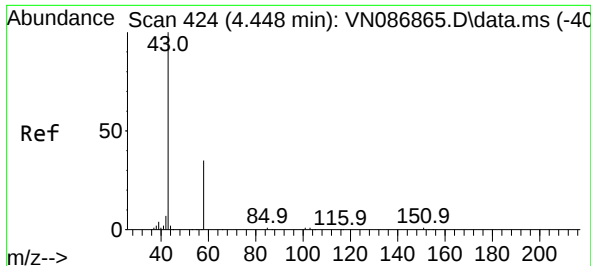
Tgt Ion:168 Resp: 408053
Ion Ratio Lower Upper
168 100
99 57.2 49.1 73.7



#8
Diethyl Ether
Concen: 28.173 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

Tgt Ion: 74 Resp: 86916
Ion Ratio Lower Upper
74 100
45 83.1 45.5 136.5

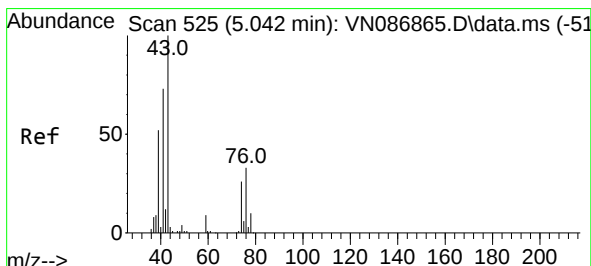
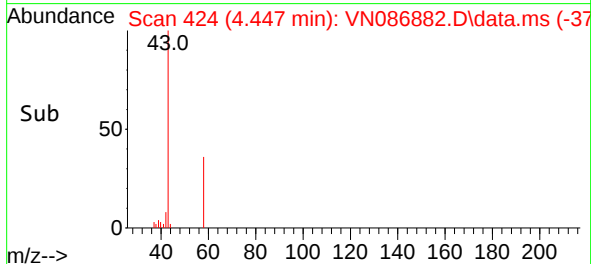
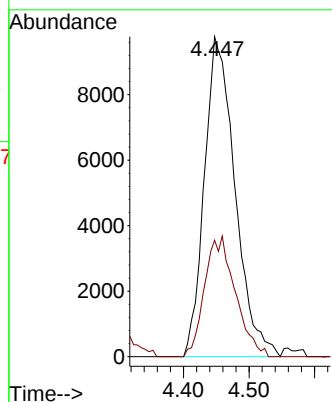
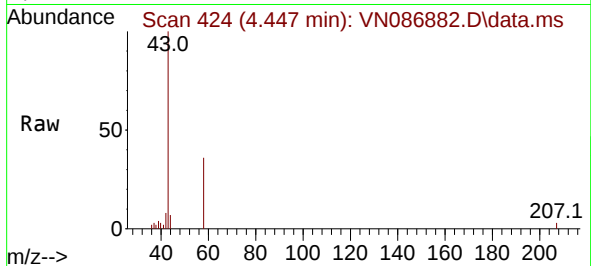




#16
Acetone
Concen: 10.935 ug/l
RT: 4.447 min Scan# 431
Delta R.T. -0.000 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

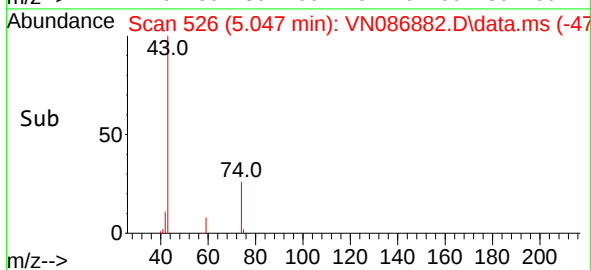
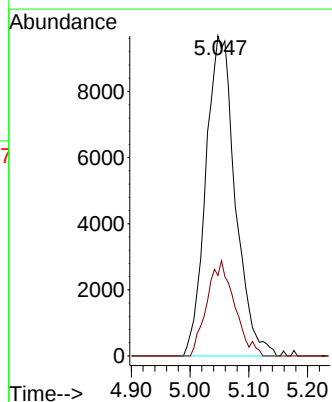
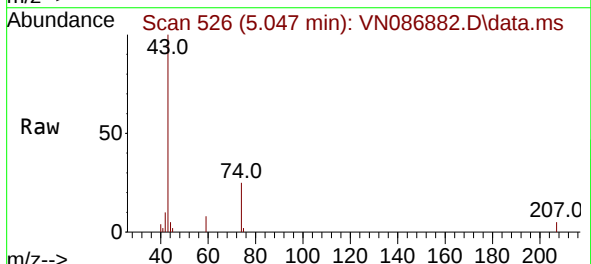
Instrument :
MSVOA_N
ClientSampleId :
TP09-MHJ

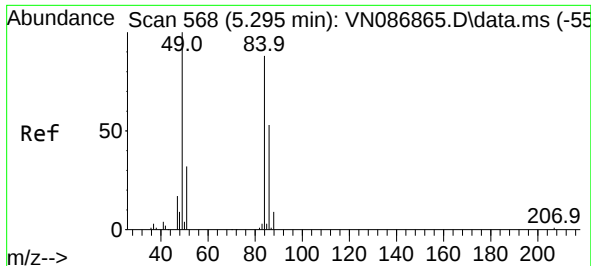
Tgt Ion: 43 Resp: 31681
Ion Ratio Lower Upper
43 100
58 36.4 28.0 42.0



#18
Methyl Acetate
Concen: 3.986 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

Tgt Ion: 43 Resp: 33656
Ion Ratio Lower Upper
43 100
74 27.8 20.7 31.1

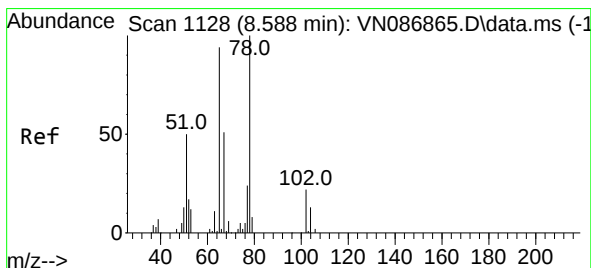
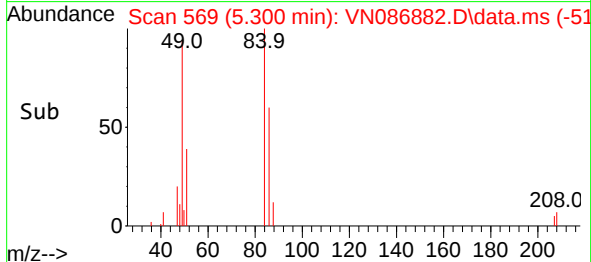
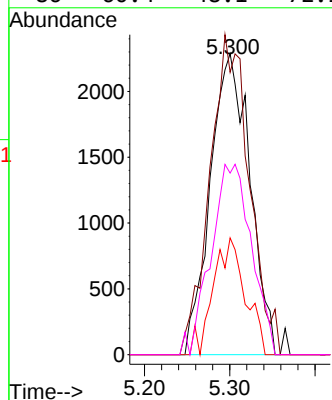
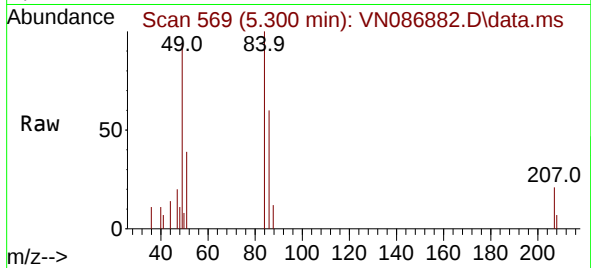




#20
Methylene Chloride
Concen: 1.362 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

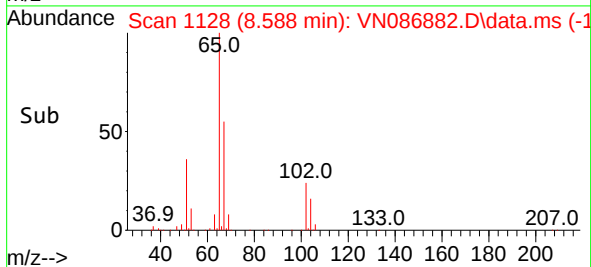
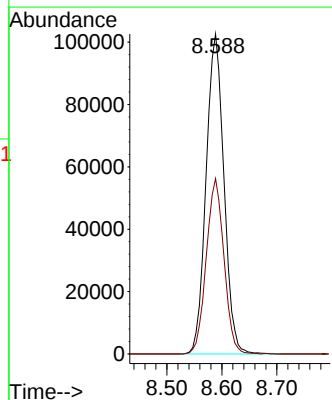
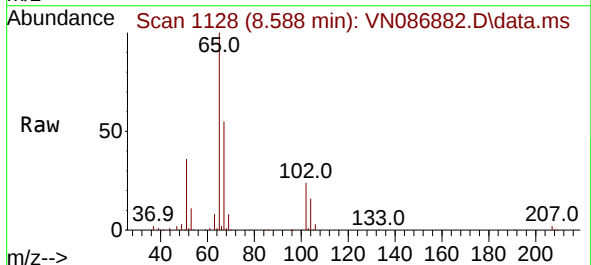
Instrument :
MSVOA_N
ClientSampleId :
TP09-MHJ

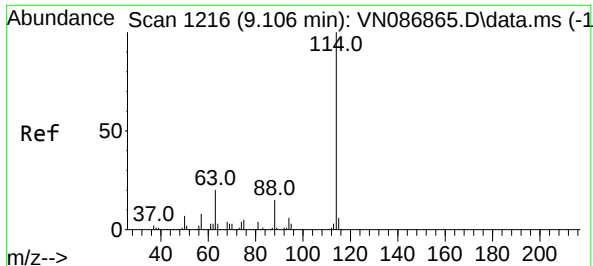
Tgt Ion:	84	Resp:	7390
Ion	Ratio	Lower	Upper
84	100		
49	93.8	90.5	135.7
51	38.8	28.5	42.7
86	60.4	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 42.316 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

Tgt Ion:	65	Resp:	231188
Ion	Ratio	Lower	Upper
65	100		
67	54.3	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: VN086882.D

Acq: 06 Jun 2025 21:21

Instrument :

MSVOA_N

ClientSampleId :

TP09-MHJ

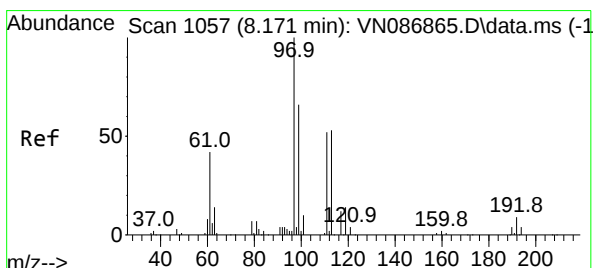
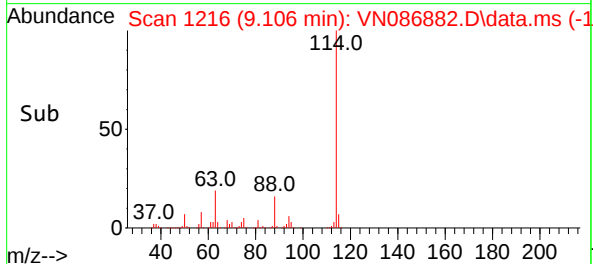
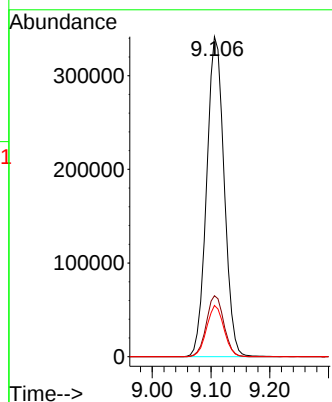
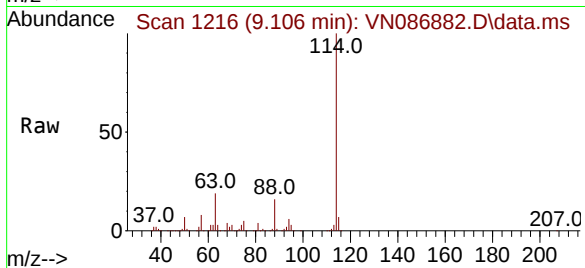
Tgt Ion:114 Resp: 706454

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 16.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 47.497 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086882.D

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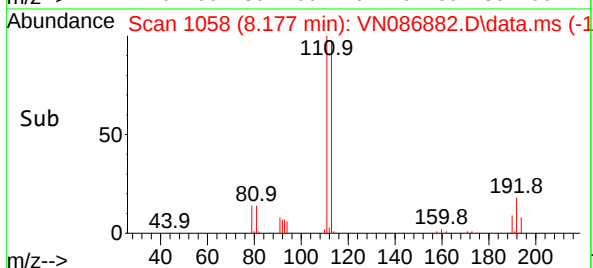
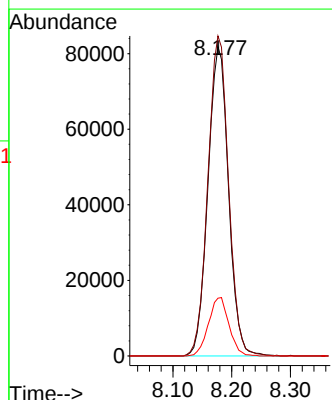
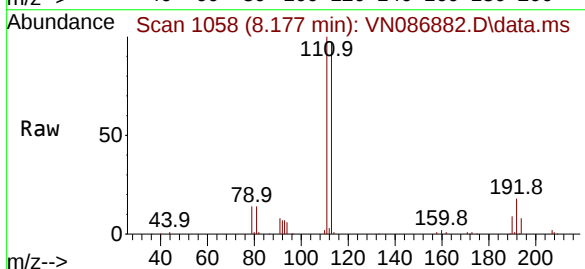
Tgt Ion:113 Resp: 198851

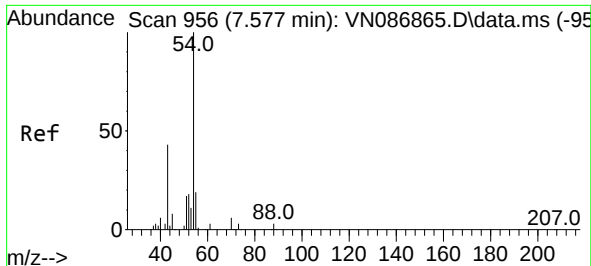
Ion Ratio Lower Upper

113 100

111 103.9 84.2 126.2

192 18.8 14.2 21.4

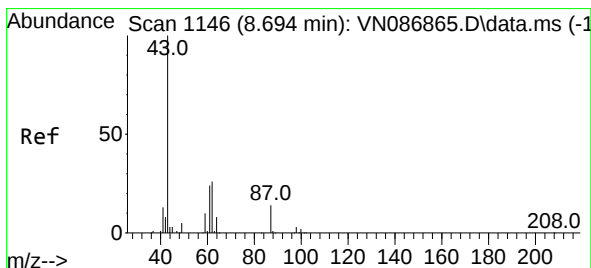
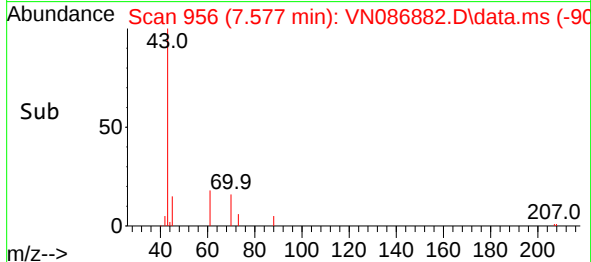
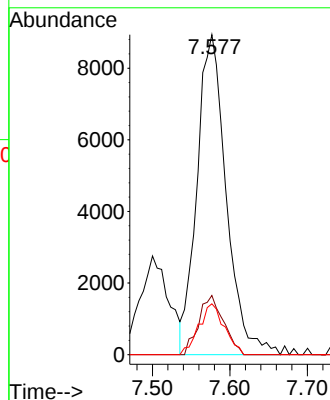
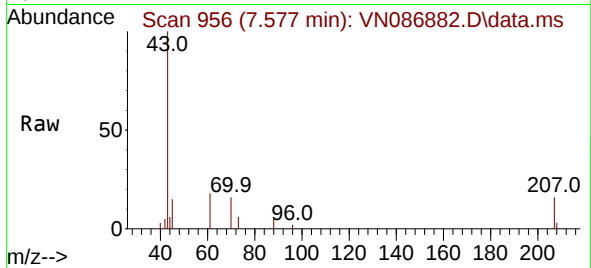




#37
Ethyl Acetate
Concen: 2.952 ug/l
RT: 7.577 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

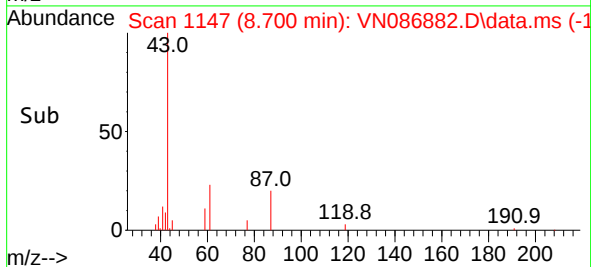
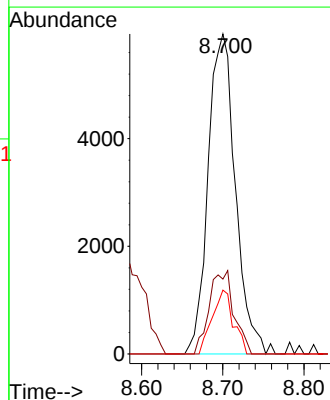
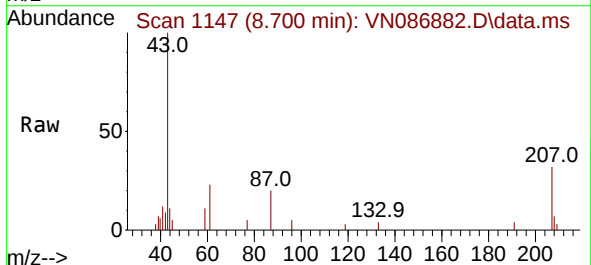
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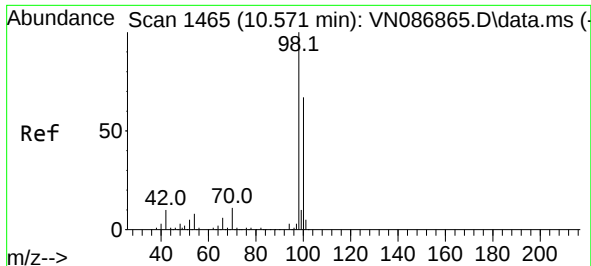
Tgt Ion:	43	Resp:	23446
Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.1	18.1
70	13.8	9.8	14.6



#43
Isopropyl Acetate
Concen: 1.092 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

Tgt Ion:	43	Resp:	13916
Ion	Ratio	Lower	Upper
43	100		
61	23.5	22.1	33.1
87	15.5	11.8	17.6

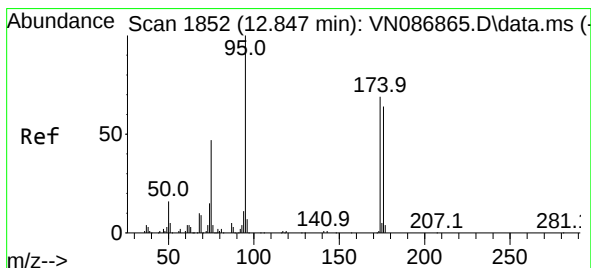
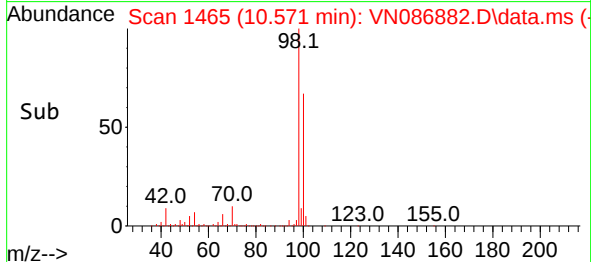
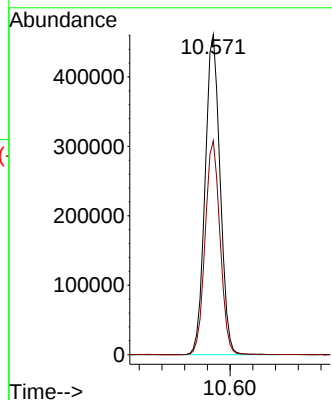
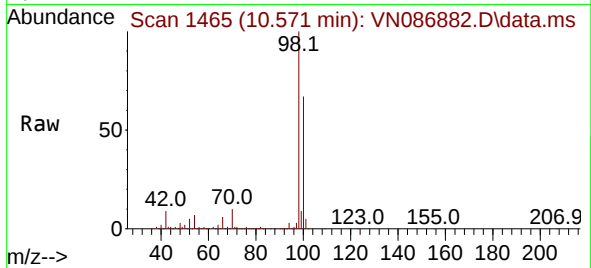




#50
Toluene-d8
Concen: 50.798 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

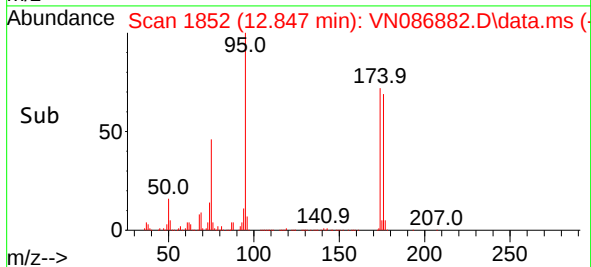
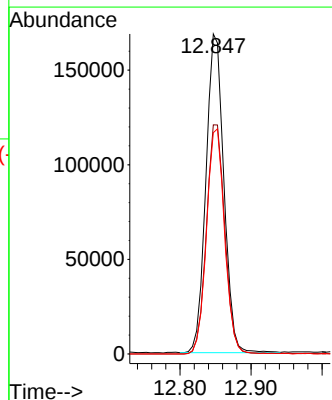
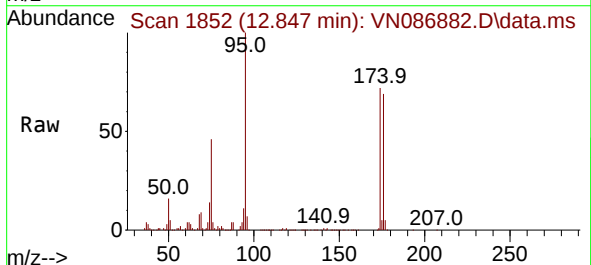
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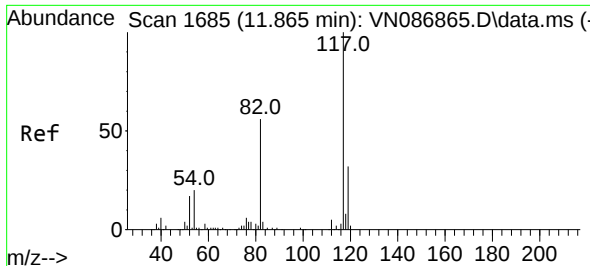
Tgt Ion: 98 Resp: 841909
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.018 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

Tgt Ion: 95 Resp: 295677
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 71.3 0.0 132.6

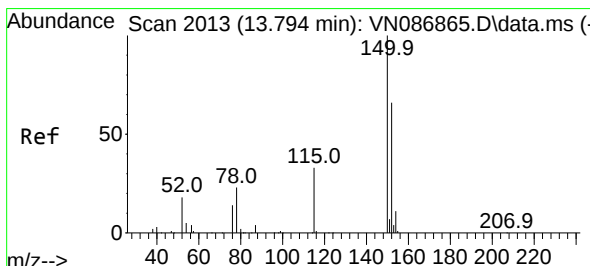
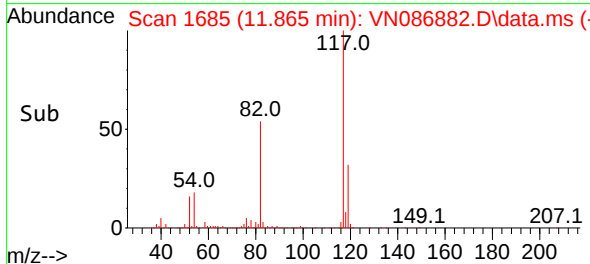
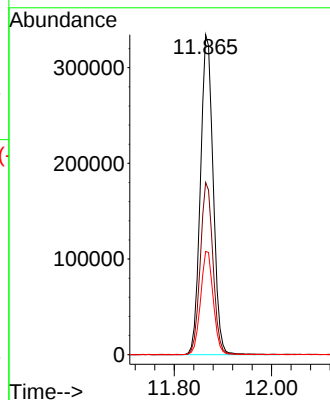
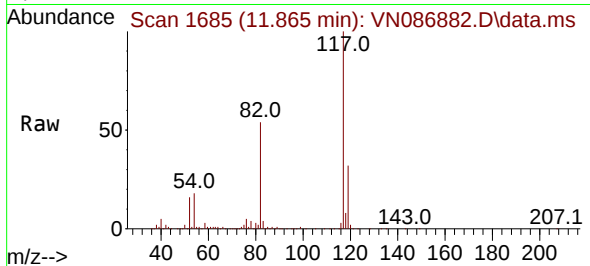




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 606286
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086882.D
Acq: 06 Jun 2025 21:21

Tgt Ion:152 Resp: 292449
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.5
150 157.7 0.0 345.0

