

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086904.D
 Acq On : 09 Jun 2025 14:47
 Operator : JC\MD
 Sample : Q2242-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP09-MHJ

Quant Time: Jun 10 03:33:53 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)

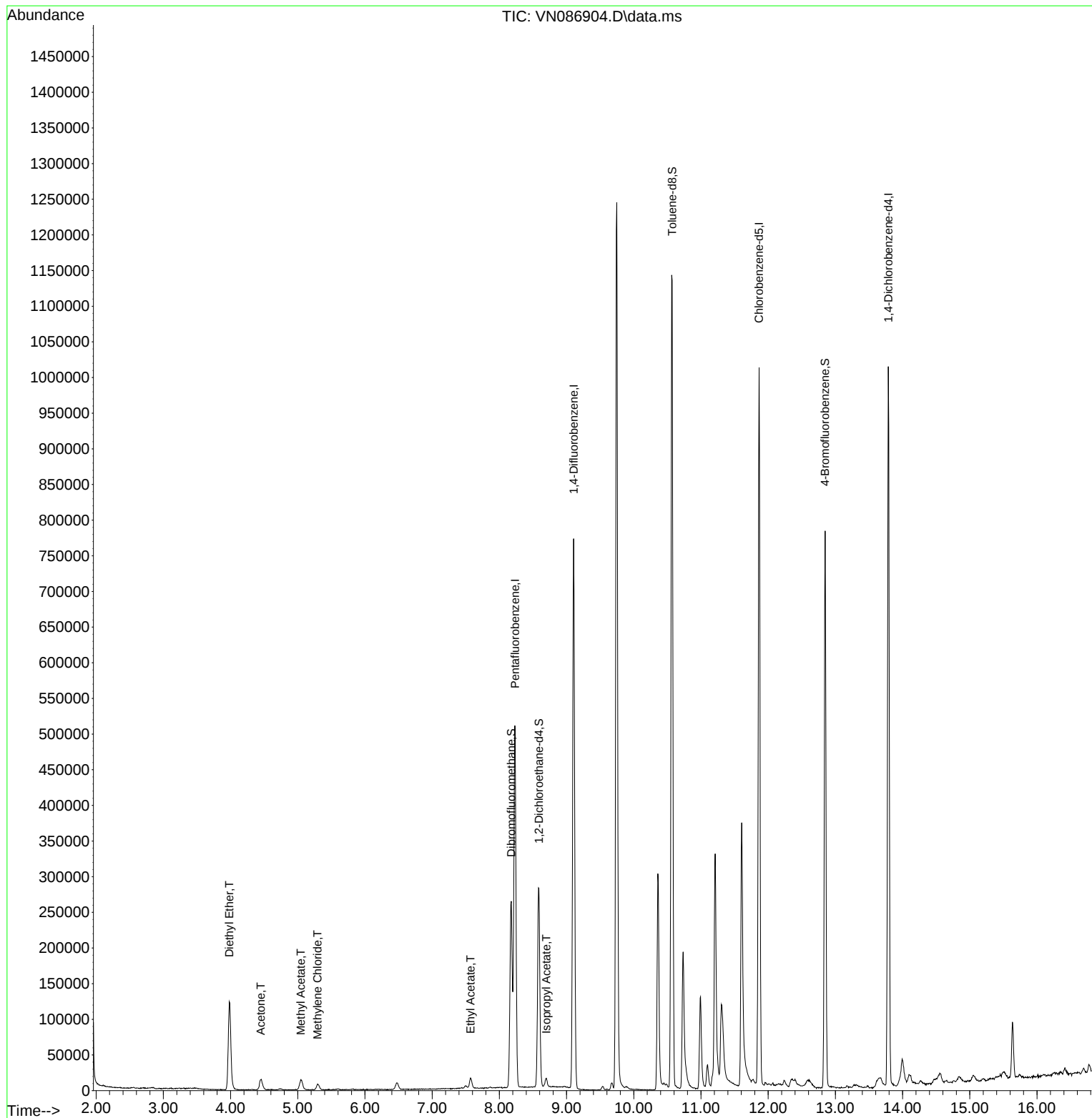
Internal Standards						
1) Pentafluorobenzene	8.235	168	407701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	723392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	628230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	306184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	232100	42.520	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.040%
35) Dibromofluoromethane	8.177	113	204473	47.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.400%
50) Toluene-d8	10.571	98	859043	50.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.847	95	306374	48.590	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.180%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.983	74	86333	28.008	ug/l	90
16) Acetone	4.447	43	30714	10.610	ug/l	99
18) Methyl Acetate	5.047	43	31143	3.692	ug/l	97
20) Methylene Chloride	5.294	84	7099	1.310	ug/l #	87
37) Ethyl Acetate	7.571	43	22610	2.780	ug/l	96
43) Isopropyl Acetate	8.700	43	13838	1.060	ug/l #	94

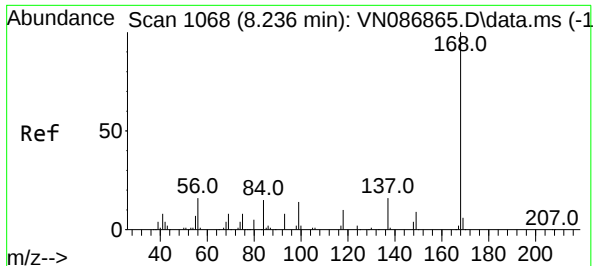
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
Data File : VN086904.D
Acq On : 09 Jun 2025 14:47
Operator : JC\MD
Sample : Q2242-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP09-MHJ

Quant Time: Jun 10 03:33:53 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

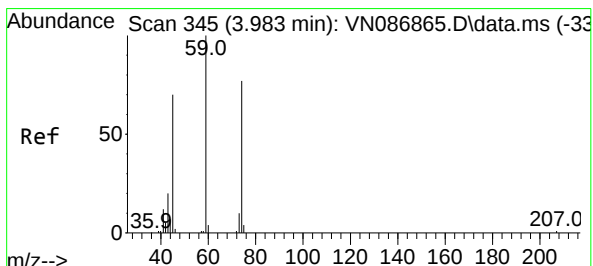
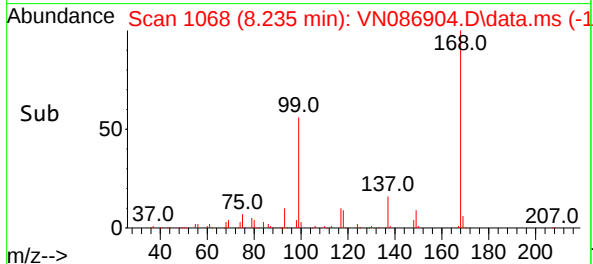
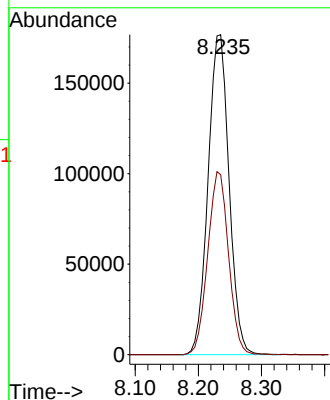
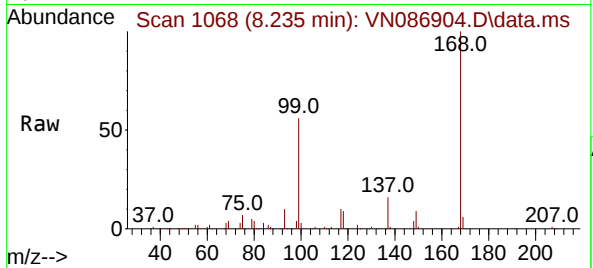




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086904.D
Acq: 09 Jun 2025 14:47

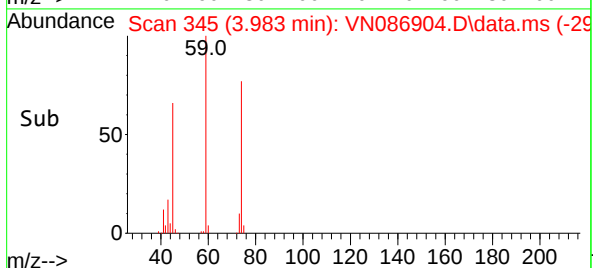
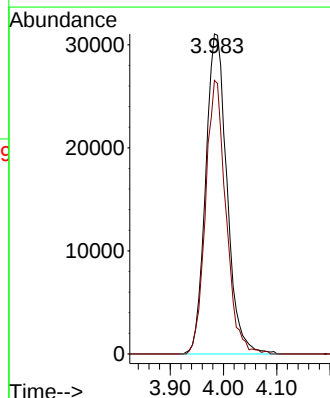
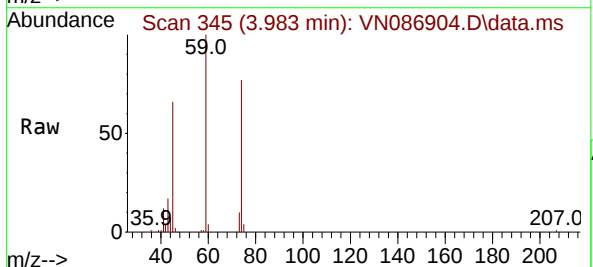
Instrument :
MSVOA_N
ClientSampleId :
TP09-MHJ

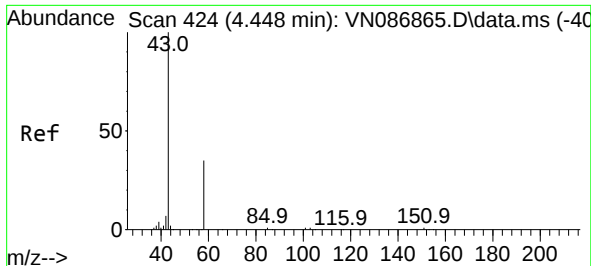
Tgt Ion:168 Resp: 407701
Ion Ratio Lower Upper
168 100
99 56.3 49.1 73.7



#8
Diethyl Ether
Concen: 28.008 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086904.D
Acq: 09 Jun 2025 14:47

Tgt Ion: 74 Resp: 86333
Ion Ratio Lower Upper
74 100
45 81.9 45.5 136.5

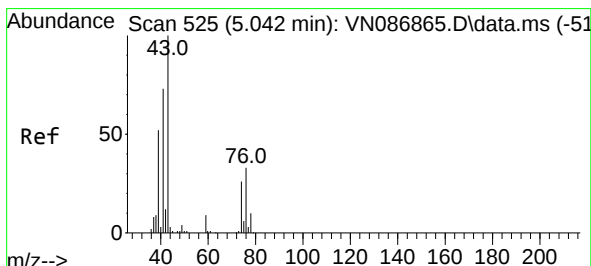
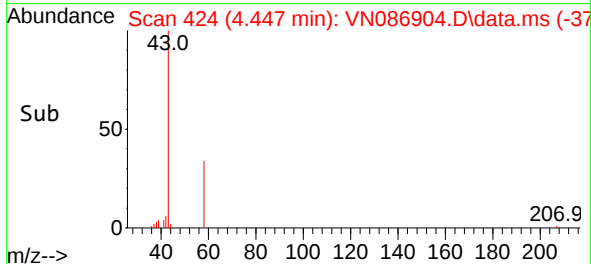
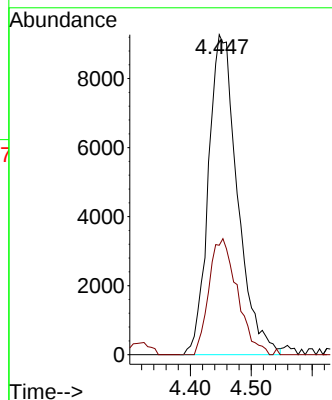
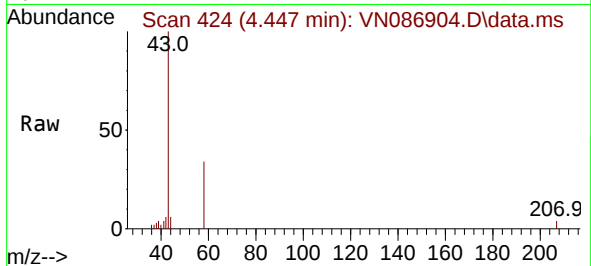




#16
Acetone
Concen: 10.610 ug/l
RT: 4.447 min Scan# 431
Delta R.T. -0.000 min
Lab File: VN086904.D
Acq: 09 Jun 2025 14:47

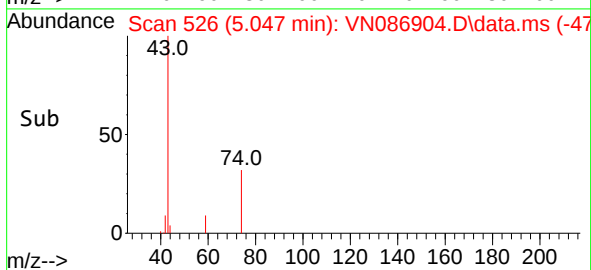
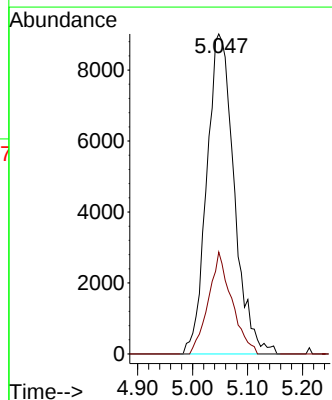
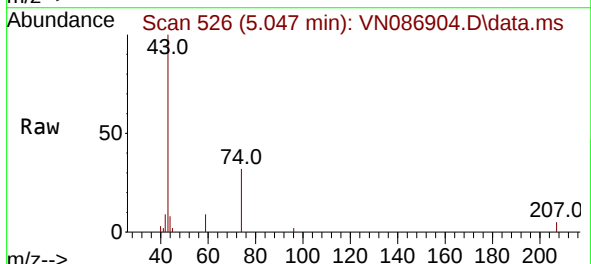
Instrument :
MSVOA_N
ClientSampleId :
TP09-MHJ

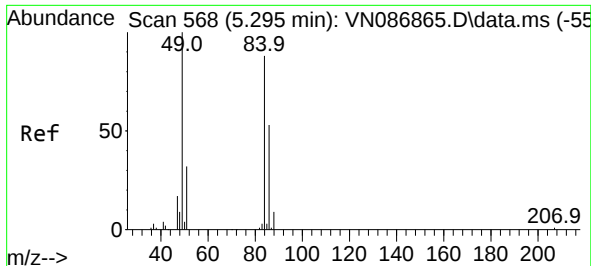
Tgt Ion: 43 Resp: 30714
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0



#18
Methyl Acetate
Concen: 3.692 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086904.D
Acq: 09 Jun 2025 14:47

Tgt Ion: 43 Resp: 31143
Ion Ratio Lower Upper
43 100
74 27.2 20.7 31.1

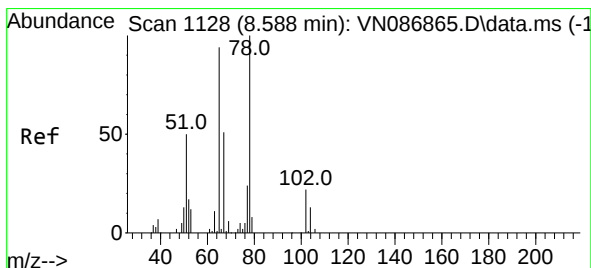
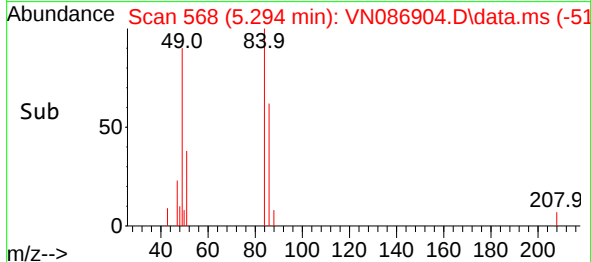
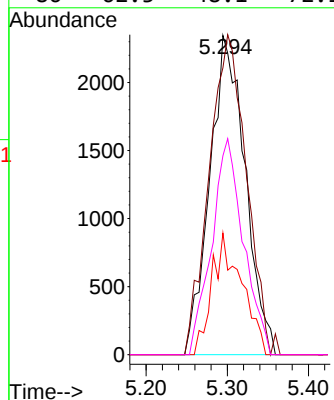
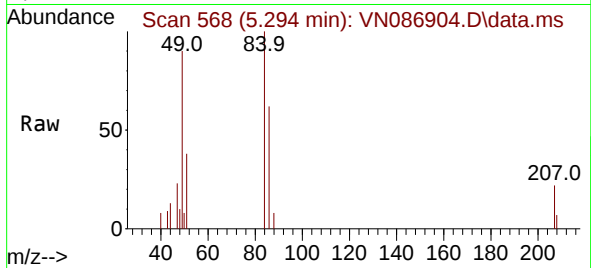




#20
Methylene Chloride
Concen: 1.310 ug/l
RT: 5.294 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086904.D
Acq: 09 Jun 2025 14:47

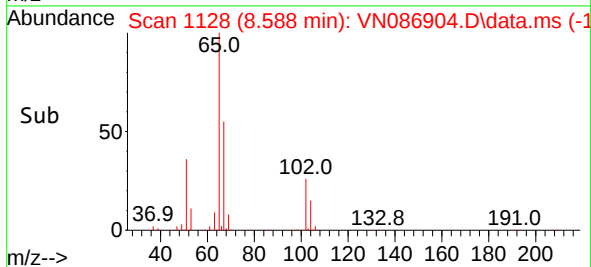
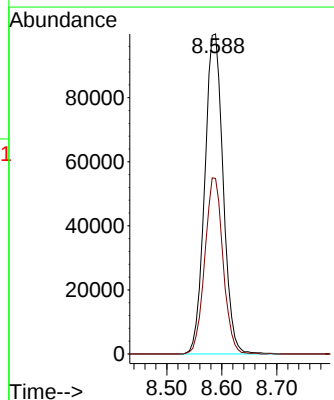
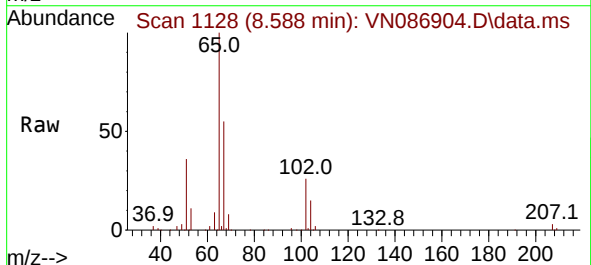
Instrument :
MSVOA_N
ClientSampleId :
TP09-MHJ

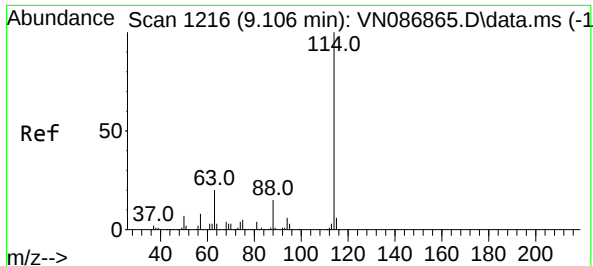
Tgt Ion:	84	Resp:	7099
Ion	Ratio	Lower	Upper
84	100		
49	89.9	90.5	135.7#
51	38.1	28.5	42.7
86	62.3	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 42.520 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086904.D
Acq: 09 Jun 2025 14:47

Tgt Ion:	65	Resp:	232100
Ion	Ratio	Lower	Upper
65	100		
67	54.5	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: VN086904.D

Acq: 09 Jun 2025 14:47

Instrument :

MSVOA_N

ClientSampleId :

TP09-MHJ

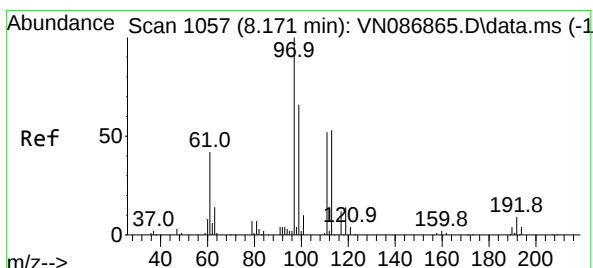
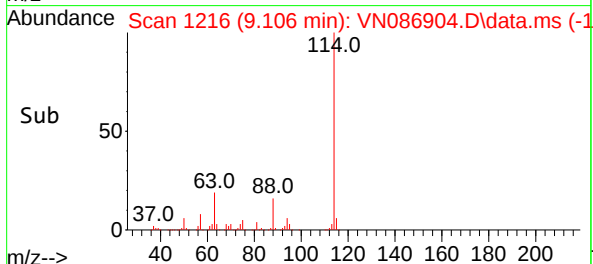
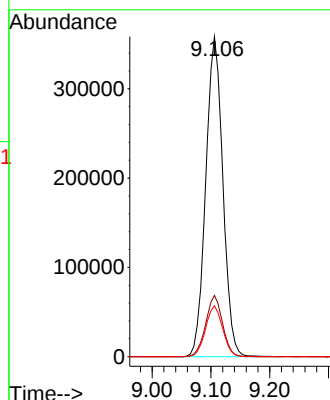
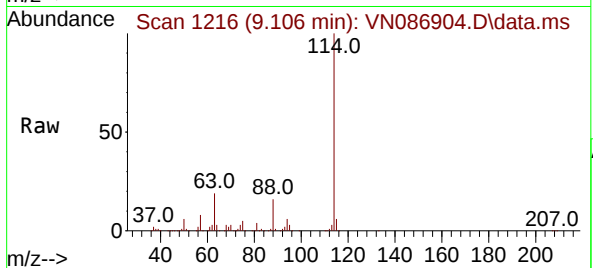
Tgt Ion:114 Resp: 723392

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.9 0.0 30.2



#35

Dibromofluoromethane

Concen: 47.696 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086904.D

Acq: 09 Jun 2025 14:47

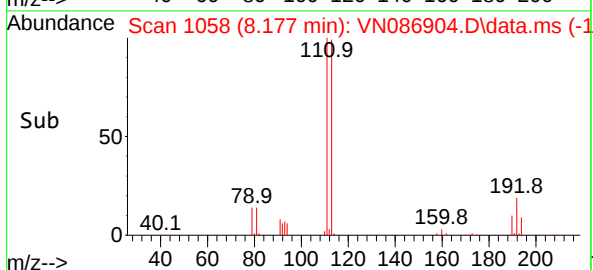
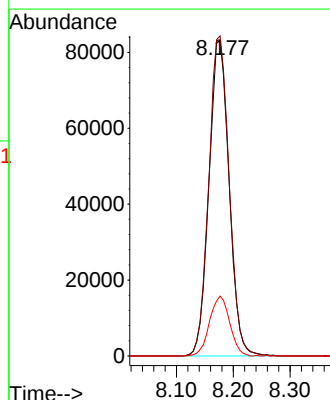
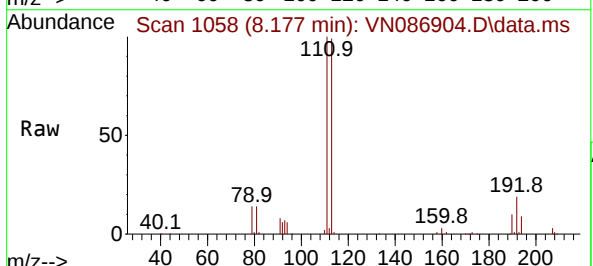
Tgt Ion:113 Resp: 204473

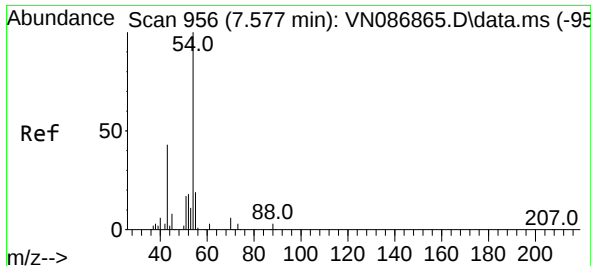
Ion Ratio Lower Upper

113 100

111 102.6 84.2 126.2

192 19.0 14.2 21.4

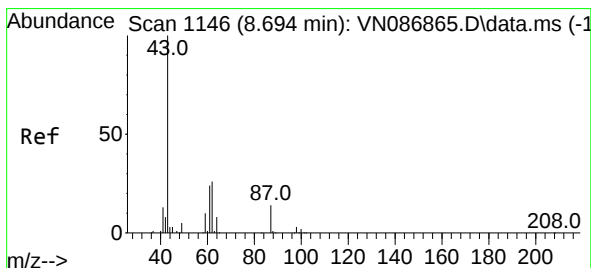
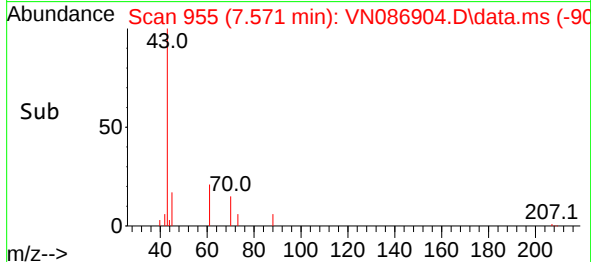
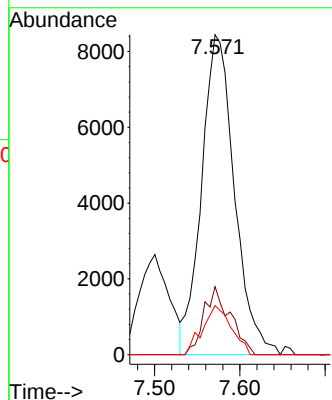
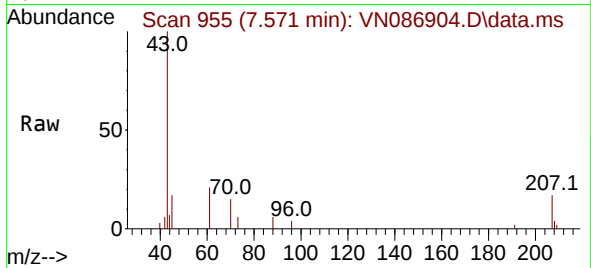




#37
Ethyl Acetate
Concen: 2.780 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086904.D
Acq: 09 Jun 2025 14:47

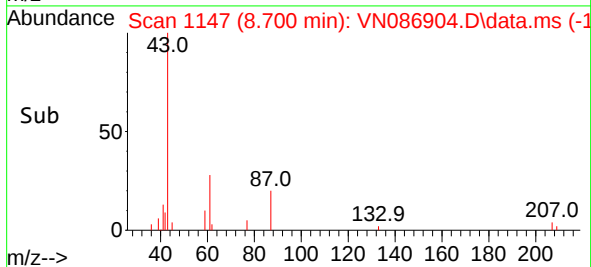
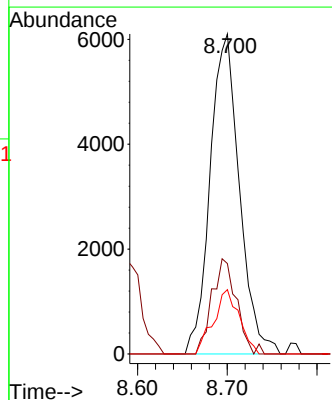
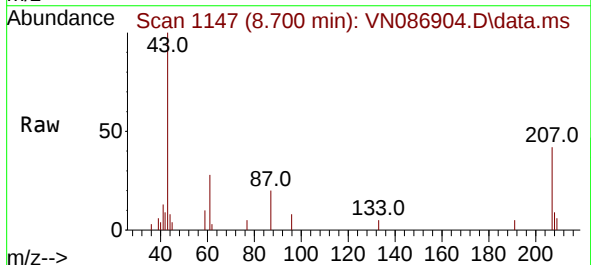
Instrument :
MSVOA_N
ClientSampleId :
TP09-MHJ

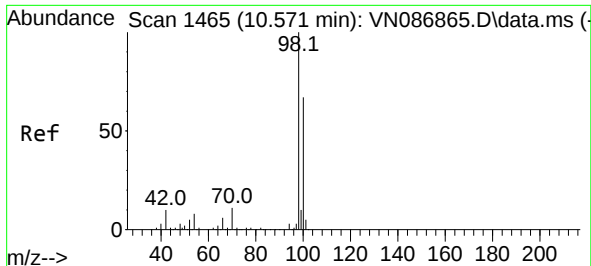
Tgt Ion:	43	Resp:	22610
Ion	Ratio	Lower	Upper
43	100		
61	17.1	12.1	18.1
70	13.4	9.8	14.6



#43
Isopropyl Acetate
Concen: 1.060 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN086904.D
Acq: 09 Jun 2025 14:47

Tgt Ion:	43	Resp:	13838
Ion	Ratio	Lower	Upper
43	100		
61	24.9	22.1	33.1
87	17.7	11.8	17.6#

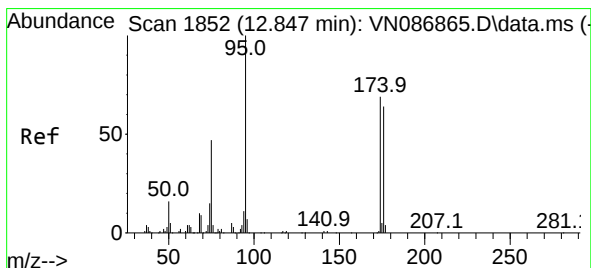
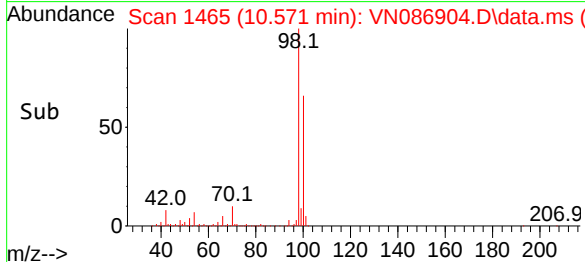
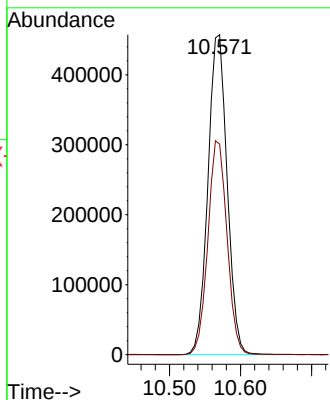
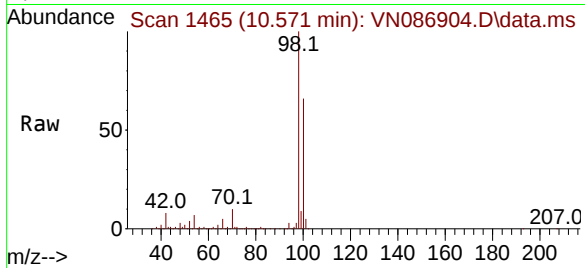




#50
Toluene-d8
Concen: 50.618 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086904.D
Acq: 09 Jun 2025 14:47

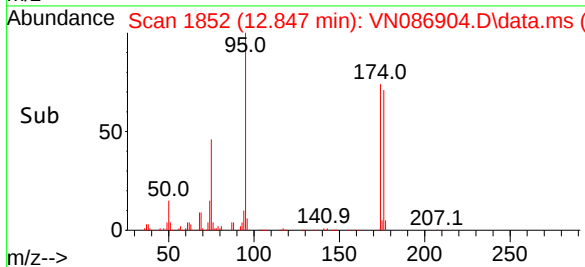
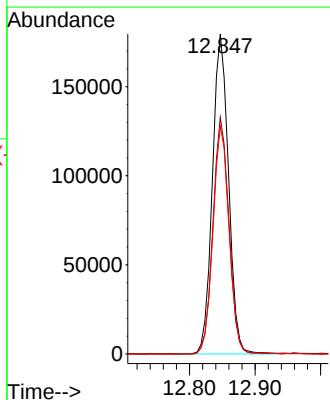
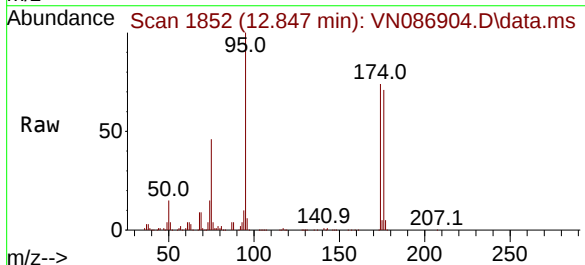
Instrument :
MSVOA_N
ClientSampleId :
TP09-MHJ

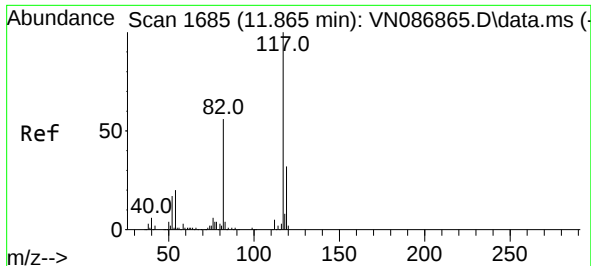
Tgt Ion: 98 Resp: 859043
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.590 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086904.D
Acq: 09 Jun 2025 14:47

Tgt Ion: 95 Resp: 306374
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.8
176 70.6 0.0 132.6

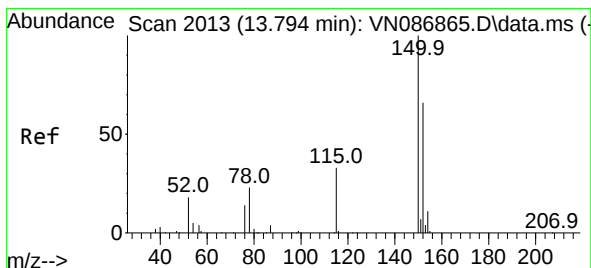
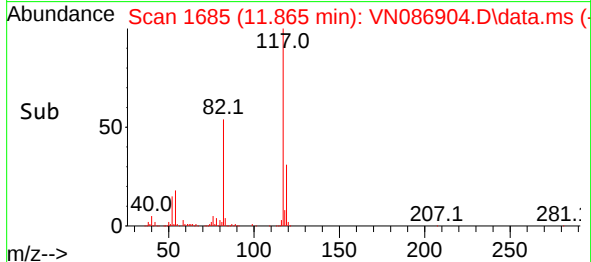
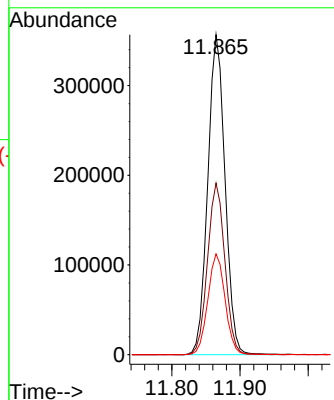
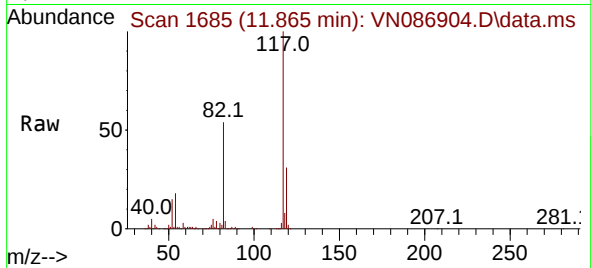




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086904.D
Acq: 09 Jun 2025 14:47

Instrument :
MSVOA_N
ClientSampleId :
TP09-MHJ

Tgt Ion:117 Resp: 628230
Ion Ratio Lower Upper
117 100
82 53.6 44.6 67.0
119 31.5 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: VN086904.D
Acq: 09 Jun 2025 14:47

Tgt Ion:152 Resp: 306184
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.5
150 157.4 0.0 345.0

