

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087009.D
 Acq On : 13 Jun 2025 18:02
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 14 00:32:37 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)

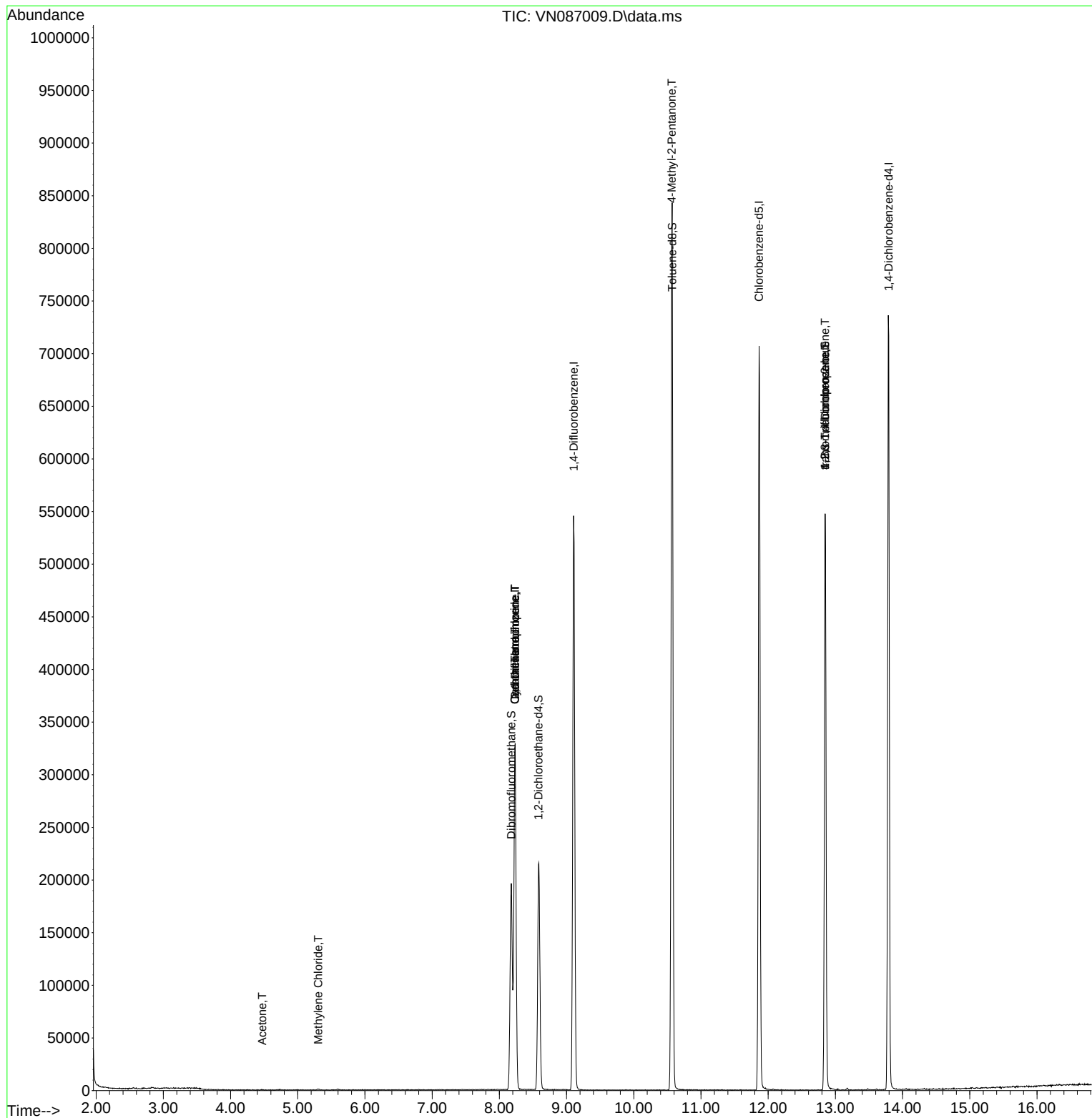
Internal Standards						
1) Pentafluorobenzene	8.235	168	260077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	505369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	449258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	177632	51.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.020%	
35) Dibromofluoromethane	8.177	113	150960	50.405	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.820%	
50) Toluene-d8	10.571	98	617669	52.097	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.847	95	219806	49.900	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.800%	
Target Compounds						
					Qvalue	
16) Acetone	4.471	43	653	0.354	ug/l #	40
20) Methylene Chloride	5.306	84	781	0.226	ug/l #	72
31) Cyclohexane	8.230	56	4663	0.826	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	19489	4.367	ug/l #	48
38) Carbon Tetrachloride	8.230	117	25332	5.782	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1971	0.359	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	101180	19.723	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	101180	45.400	ug/l #	16

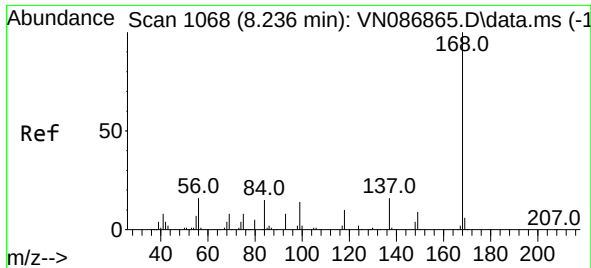
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
Data File : VN087009.D
Acq On : 13 Jun 2025 18:02
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jun 14 00:32:37 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

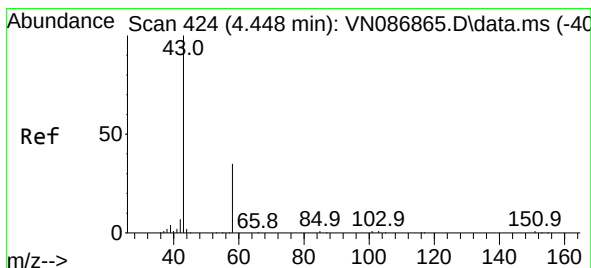
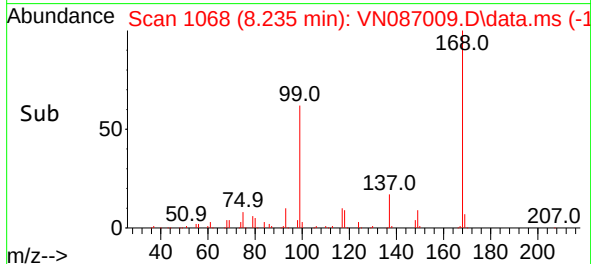
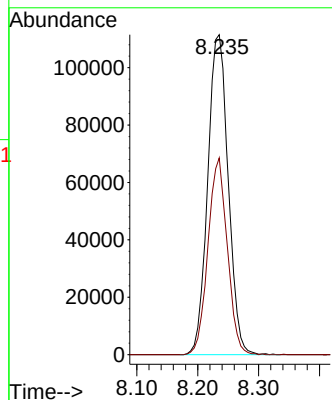
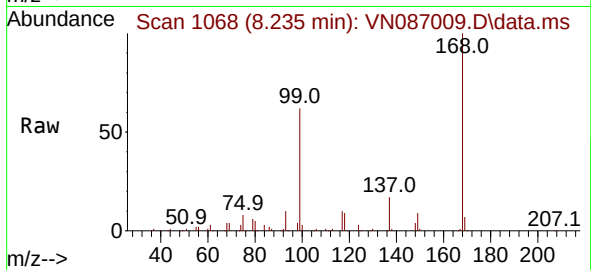




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

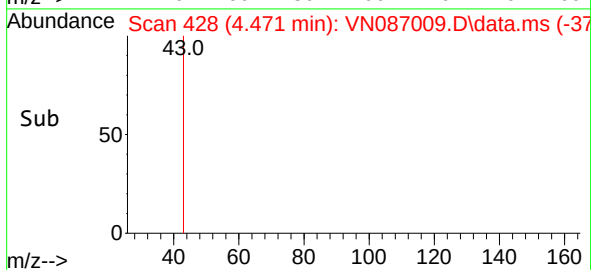
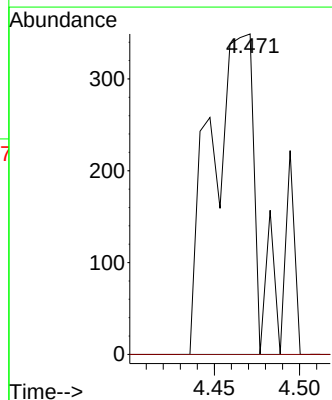
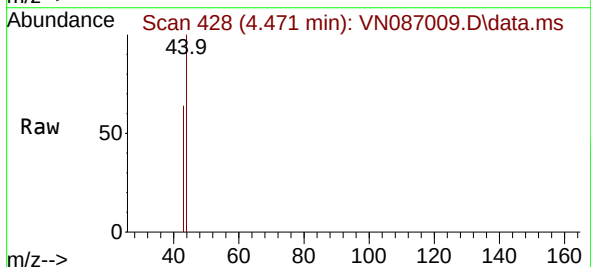
Instrument :
MSVOA_N
ClientSampleId :
IBLK

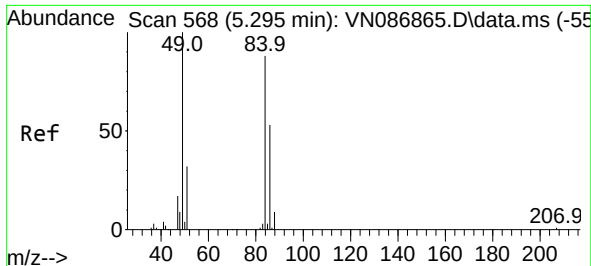
Tgt Ion:168 Resp: 260077
Ion Ratio Lower Upper
168 100
99 61.5 49.1 73.7



#16
Acetone
Concen: 0.354 ug/l
RT: 4.471 min Scan# 428
Delta R.T. 0.023 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

Tgt Ion: 43 Resp: 653
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

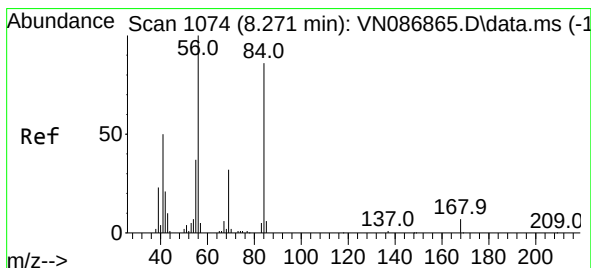
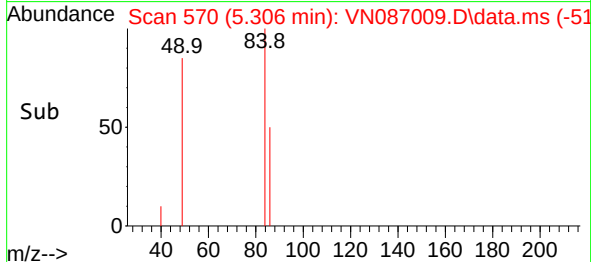
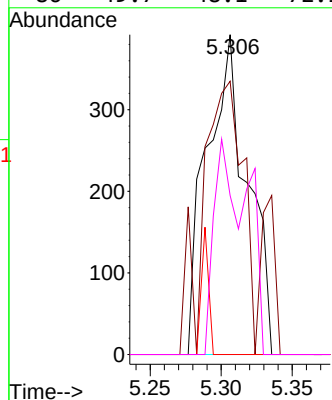
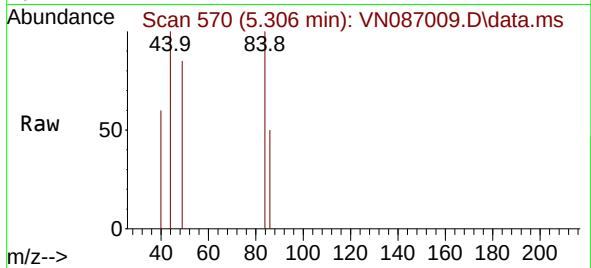




#20
Methylene Chloride
Concen: 0.226 ug/l
RT: 5.306 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

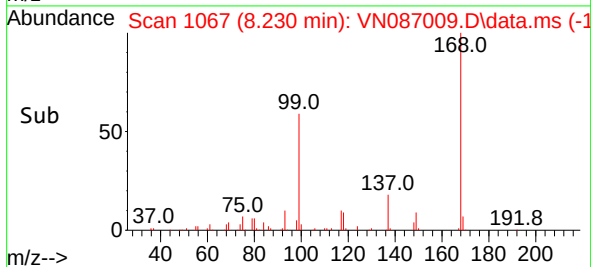
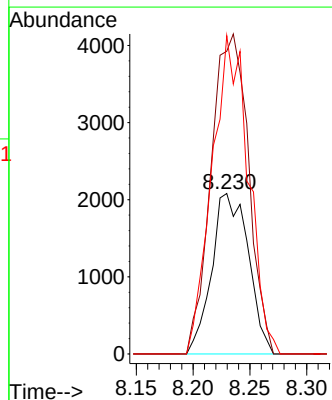
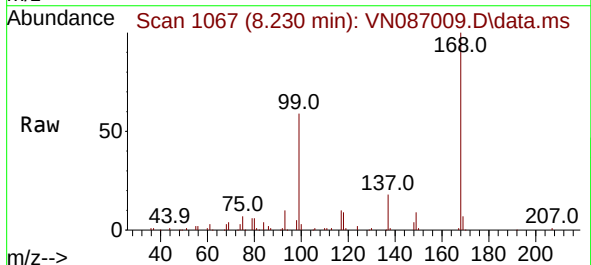
Instrument :
MSVOA_N
ClientSampleId :
IBLK

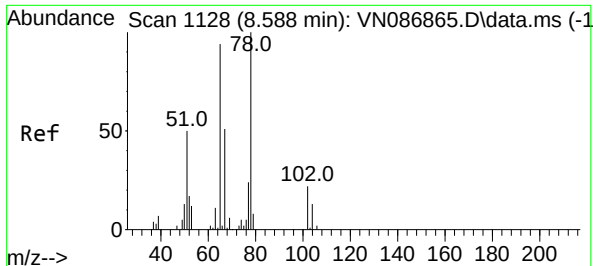
Tgt Ion:	84	Resp:	781
Ion	Ratio	Lower	Upper
84	100		
49	85.5	90.5	135.7#
51	0.0	28.5	42.7#
86	49.7	48.1	72.1



#31
Cyclohexane
Concen: 0.826 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

Tgt Ion:	56	Resp:	4663
Ion	Ratio	Lower	Upper
56	100		
69	188.6	25.4	38.0#
84	198.3	68.8	103.2#





#33

1,2-Dichloroethane-d4

Concen: 51.012 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087009.D

Acq: 13 Jun 2025 18:02

Instrument :

MSVOA_N

ClientSampleId :

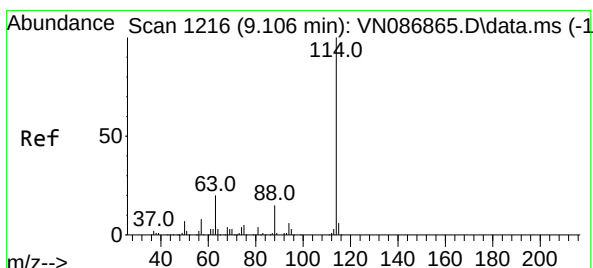
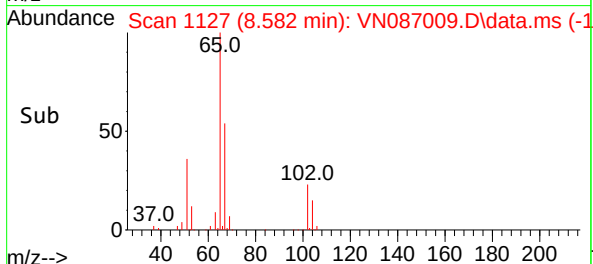
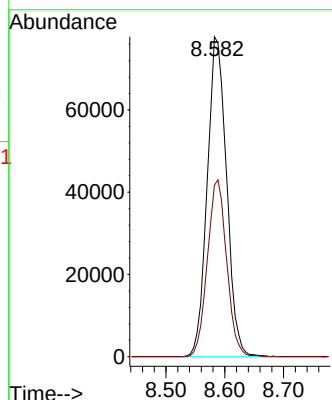
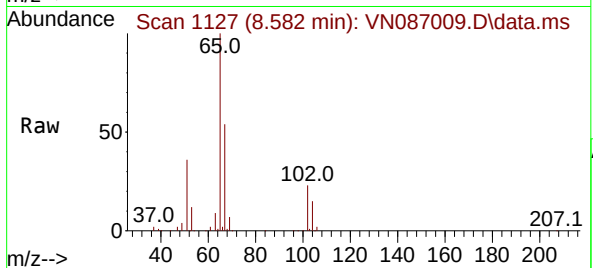
IBLK

Tgt Ion: 65 Resp: 177632

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# 1216

Delta R.T. -0.000 min

Lab File: VN087009.D

Acq: 13 Jun 2025 18:02

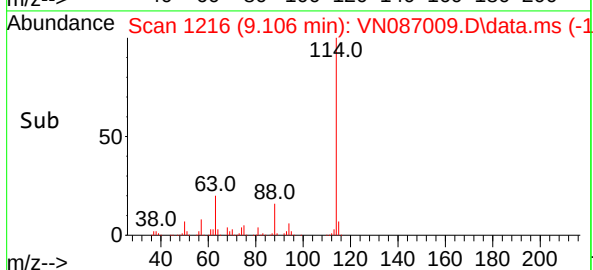
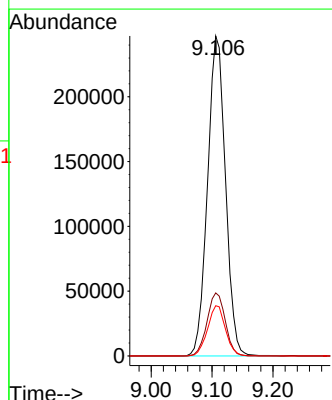
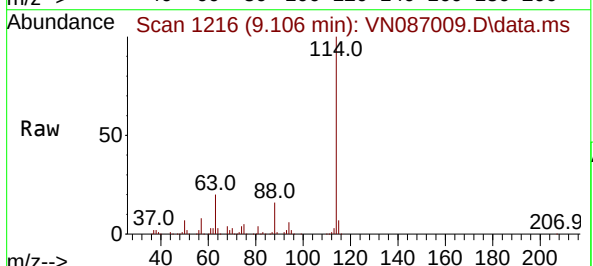
Tgt Ion: 114 Resp: 505369

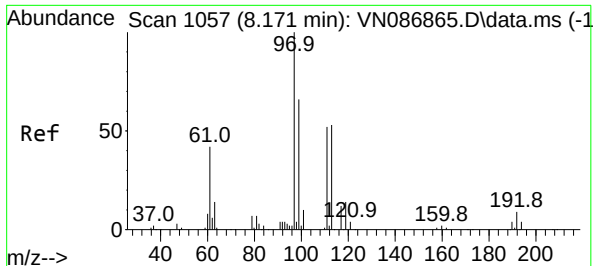
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.7 0.0 30.2

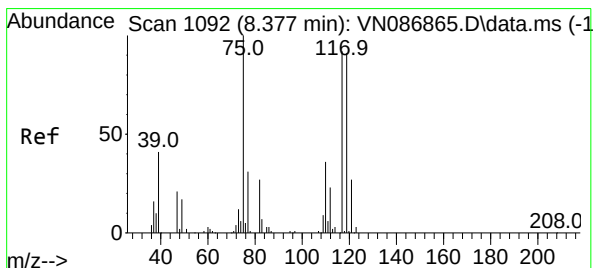
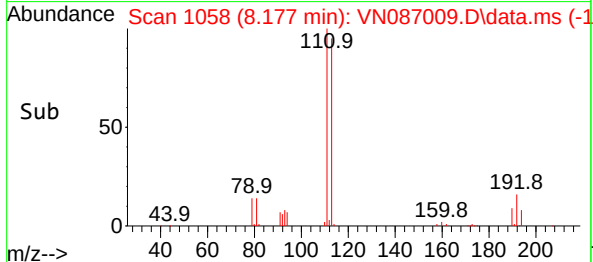
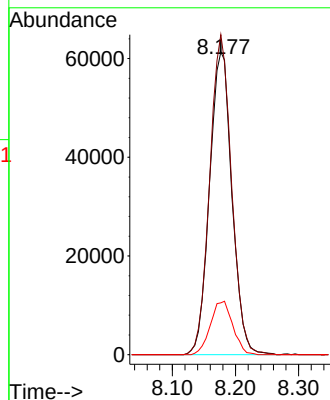
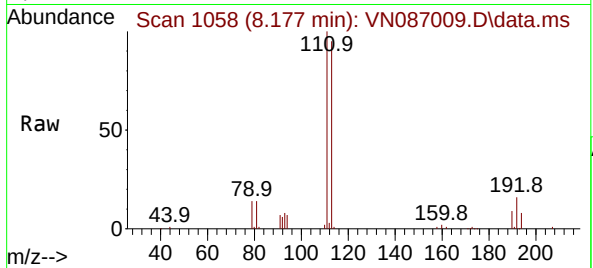




#35
Dibromofluoromethane
Concen: 50.405 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

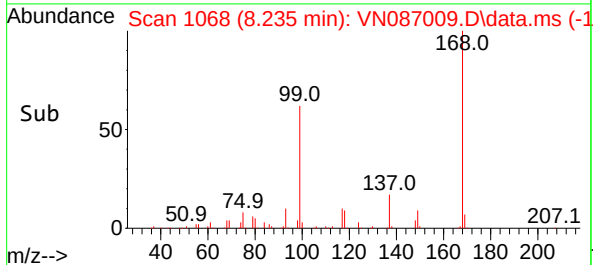
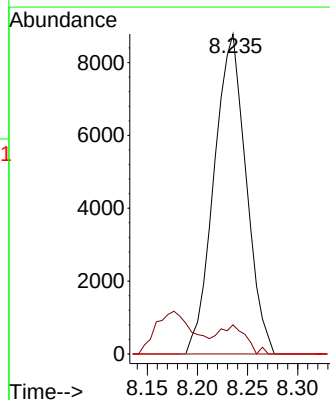
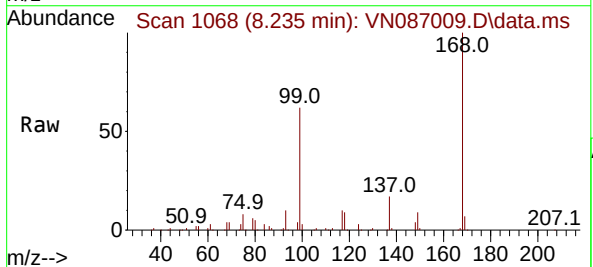
Instrument :
MSVOA_N
ClientSampleId :
IBLK

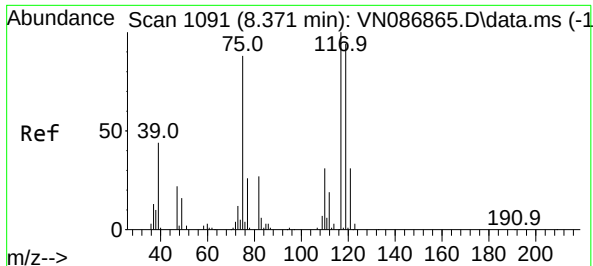
Tgt Ion:113 Resp: 150960
Ion Ratio Lower Upper
113 100
111 103.1 84.2 126.2
192 17.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

Tgt Ion: 75 Resp: 19489
Ion Ratio Lower Upper
75 100
110 7.8 17.6 52.9#
77 0.0 25.3 37.9#

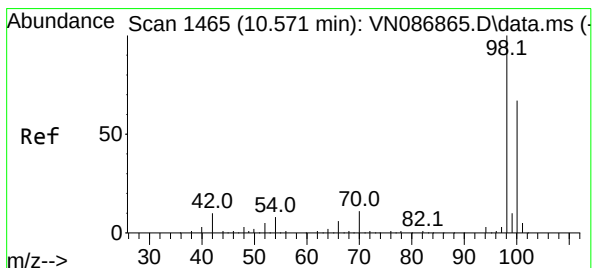
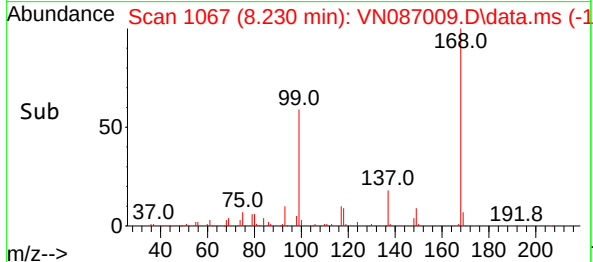
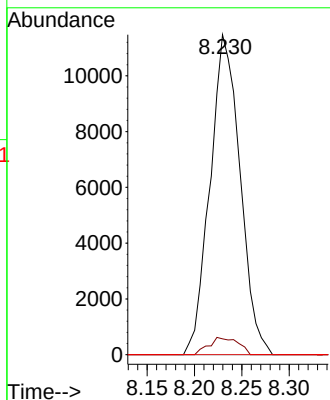
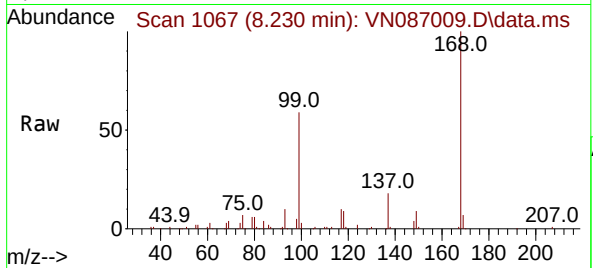




#38
Carbon Tetrachloride
Concen: 5.782 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

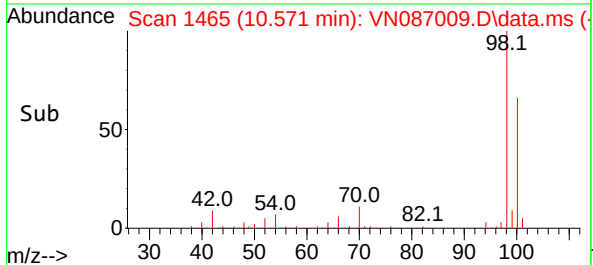
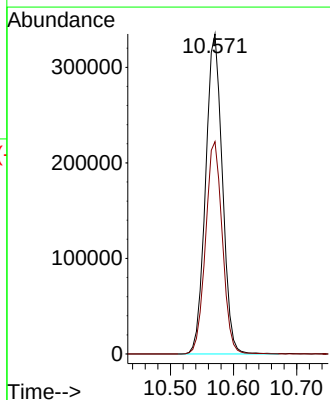
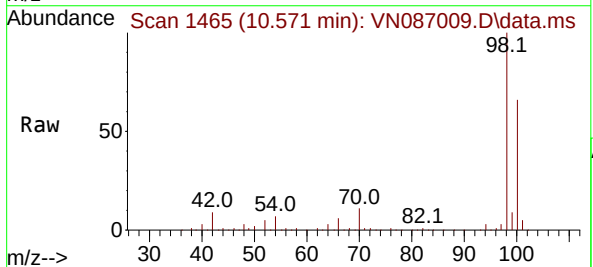
Instrument :
MSVOA_N
ClientSampleId :
IBLK

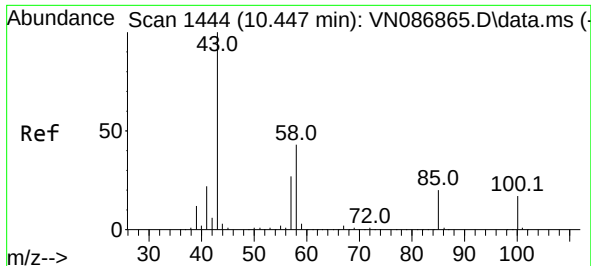
Tgt Ion:117 Resp: 25332
Ion Ratio Lower Upper
117 100
119 4.9 75.0 112.6#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 52.097 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

Tgt Ion: 98 Resp: 617669
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0

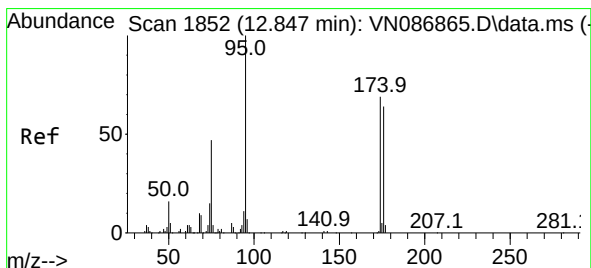
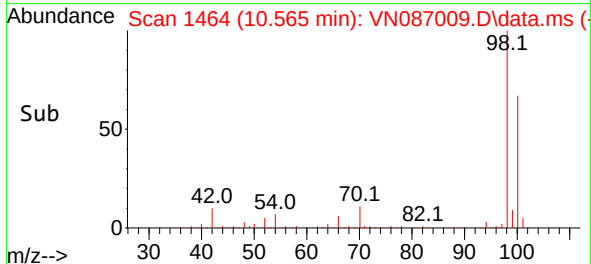
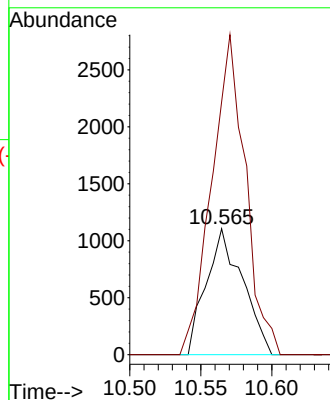
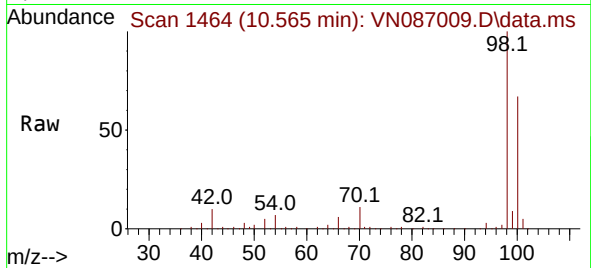




#51
4-Methyl-2-Pentanone
Concen: 0.359 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.117 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

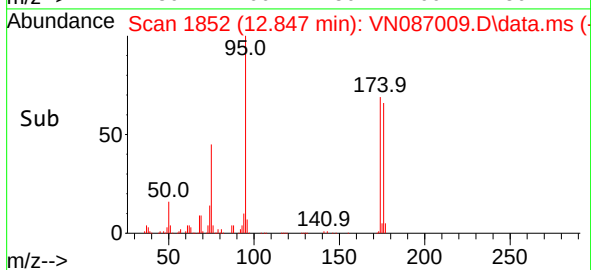
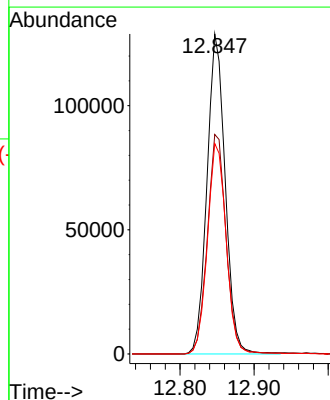
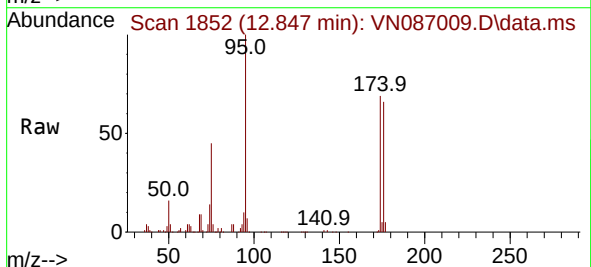
Instrument :
MSVOA_N
ClientSampleId :
IBLK

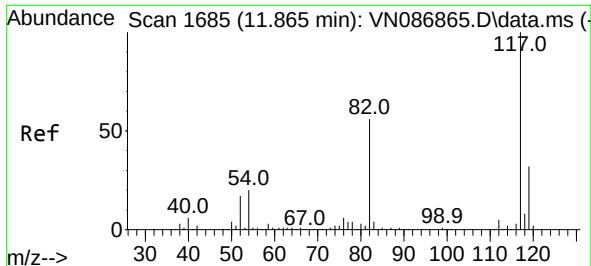
Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 235.4 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 49.900 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

Tgt Ion: 95 Resp: 219806
Ion Ratio Lower Upper
95 100
174 70.4 0.0 141.8
176 67.8 0.0 132.6

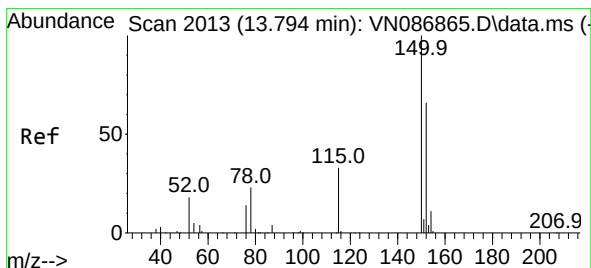
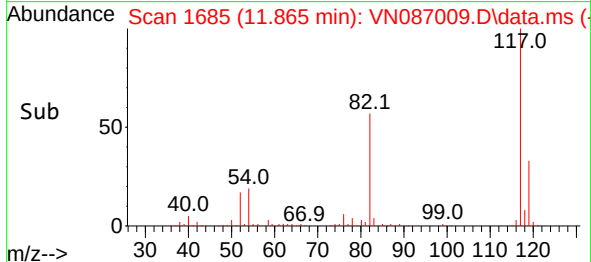
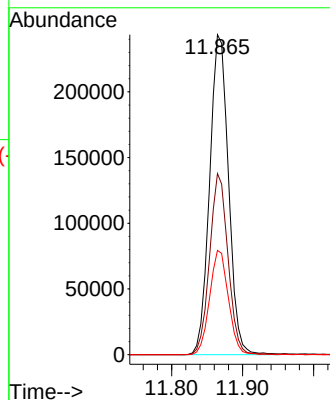
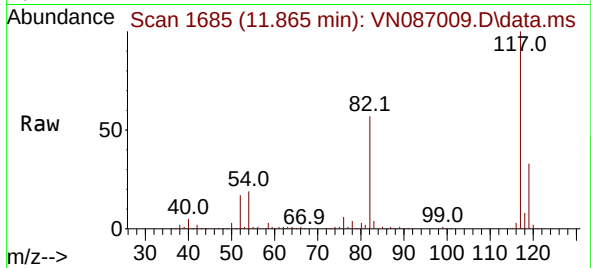




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

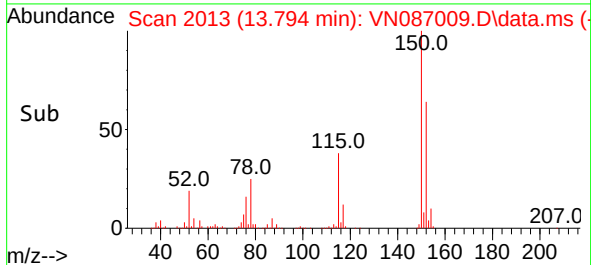
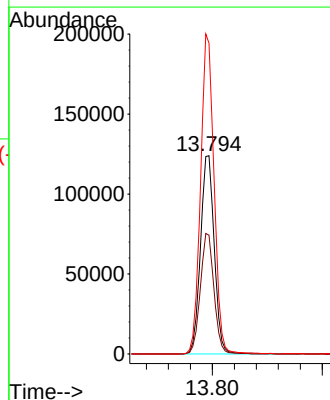
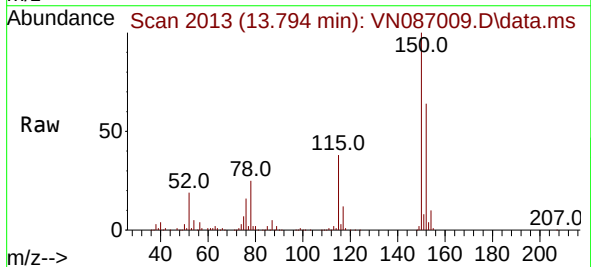
Instrument :
MSVOA_N
ClientSampleId :
IBLK

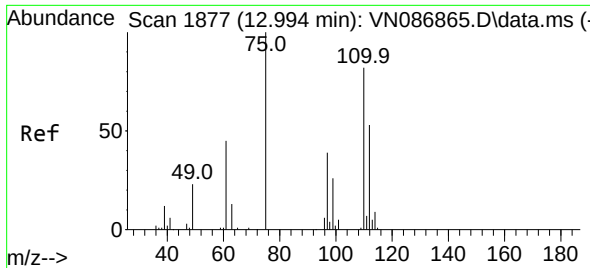
Tgt Ion:117 Resp: 449258
Ion Ratio Lower Upper
117 100
82 56.6 44.6 67.0
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

Tgt Ion:152 Resp: 215822
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.5
150 158.1 0.0 345.0

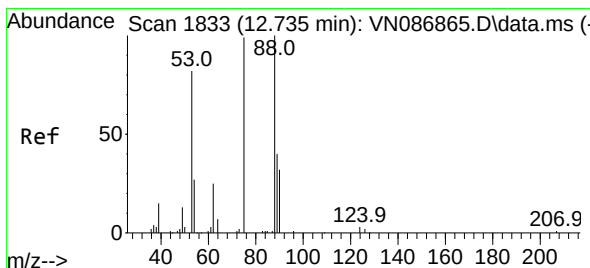
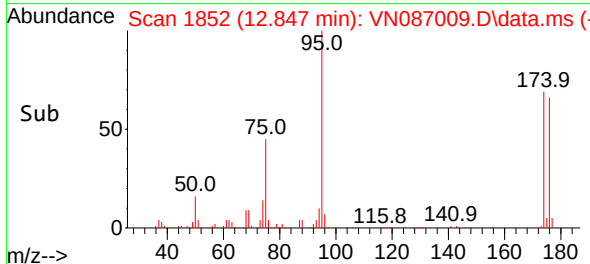
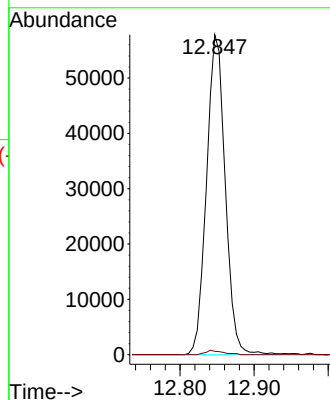
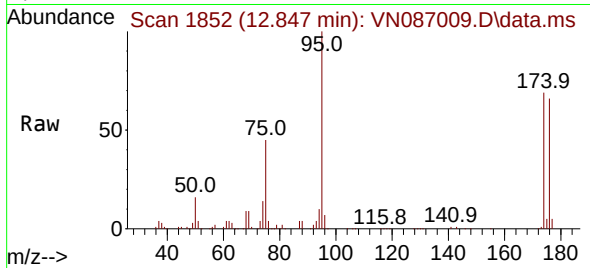




#76
1,2,3-Trichloropropane
Concen: 19.723 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 101180
Ion Ratio Lower Upper
75 100
77 1.3 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.400 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087009.D
Acq: 13 Jun 2025 18:02

Tgt Ion: 75 Resp: 101180
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

