

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087053.D
 Acq On : 17 Jun 2025 12:56
 Operator : JC\MD
 Sample : Q2299-16DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20250610DL

Quant Time: Jun 18 01:46:41 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)

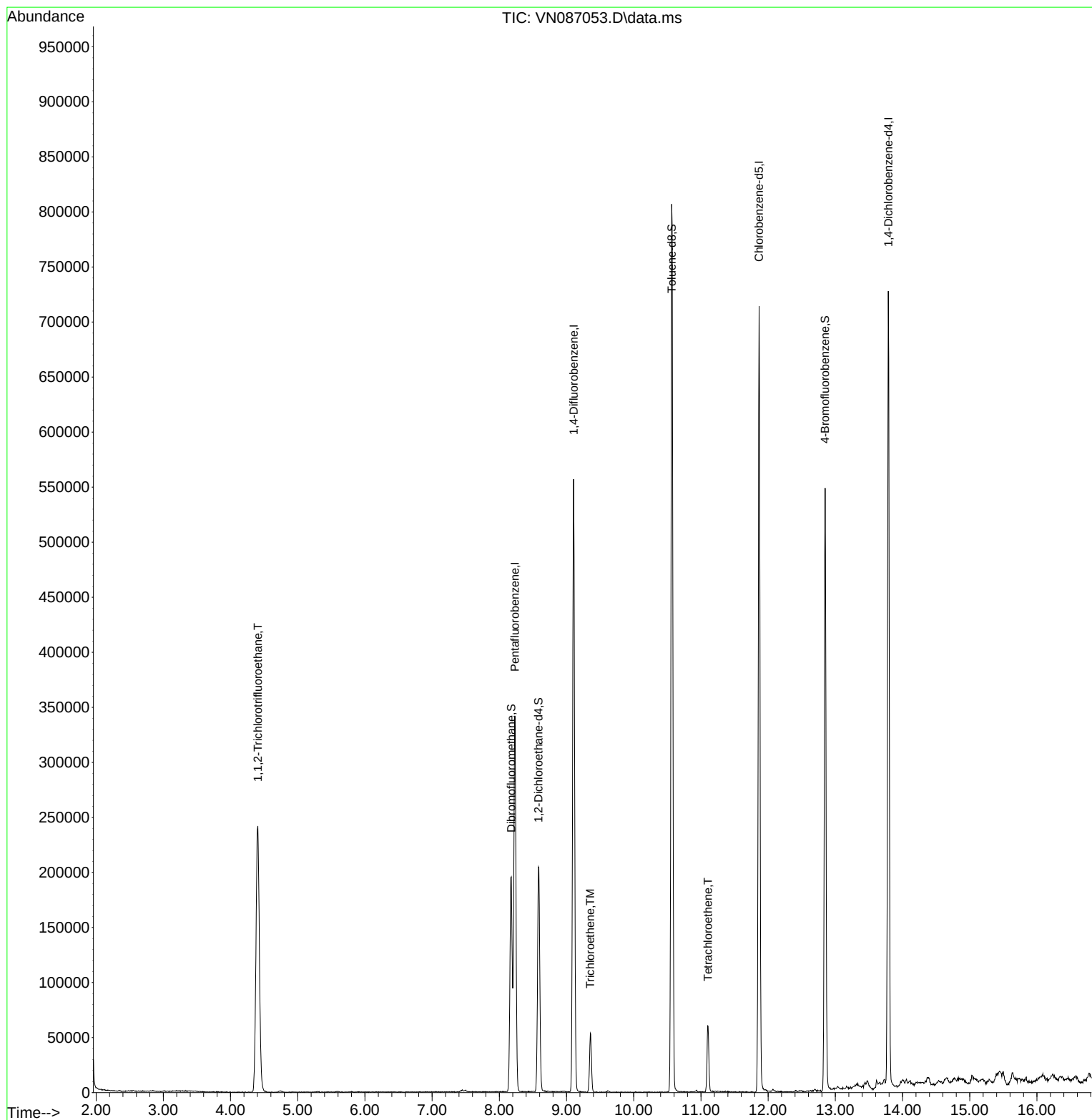
Internal Standards						
1) Pentafluorobenzene	8.230	168	272313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	524978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	453855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	219879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169747	46.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.120%
35) Dibromofluoromethane	8.177	113	153523	49.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	10.565	98	615838	50.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.847	95	221456	48.397	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.800%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.406	101	192795	64.940	ug/l	98
44) Trichloroethene	9.353	130	21017	5.847	ug/l	96
64) Tetrachloroethene	11.106	164	16088	5.601	ug/l	89

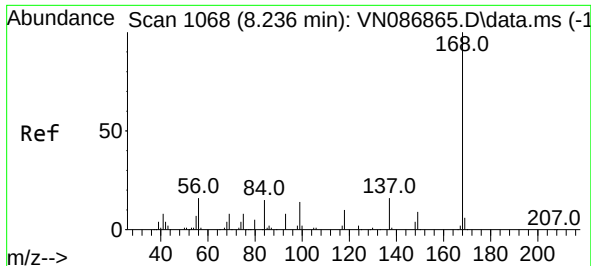
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
Data File : VN087053.D
Acq On : 17 Jun 2025 12:56
Operator : JC\MD
Sample : Q2299-16DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Quant Time: Jun 18 01:46:41 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

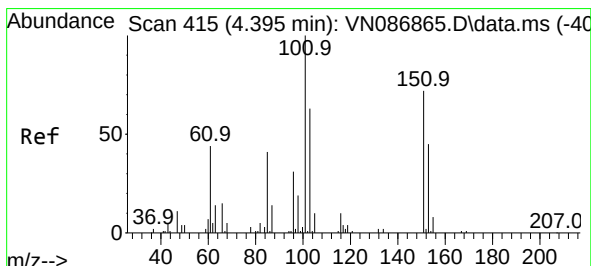
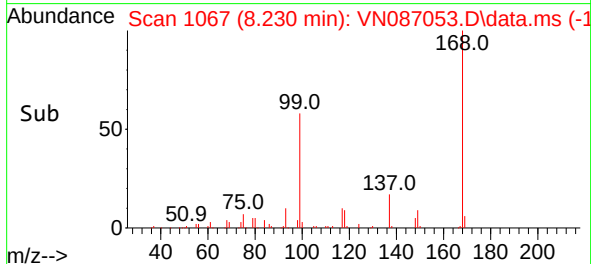
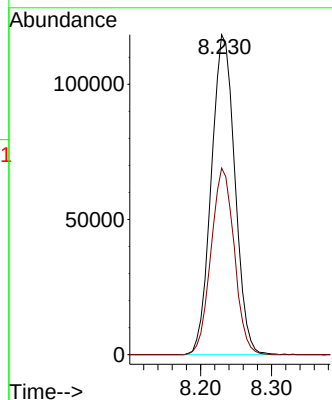
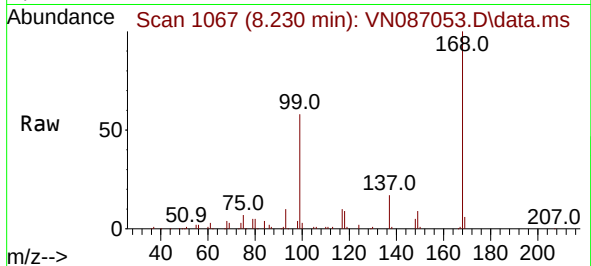




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

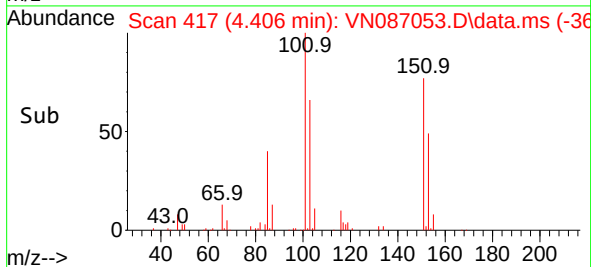
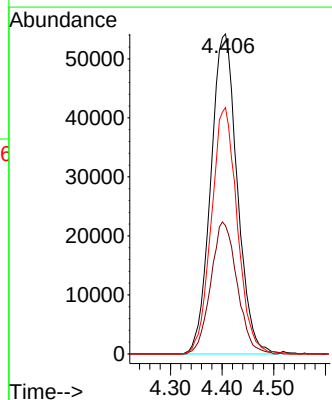
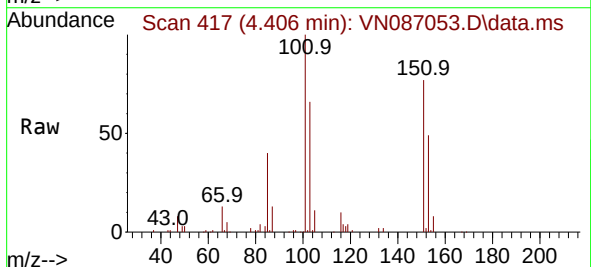
Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

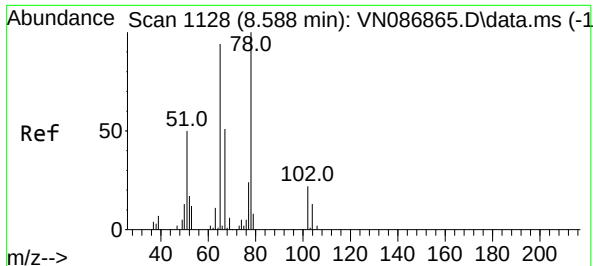
Tgt Ion:168 Resp: 272313
Ion Ratio Lower Upper
168 100
99 58.3 49.1 73.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 64.940 ug/l
RT: 4.406 min Scan# 417
Delta R.T. 0.012 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion:101 Resp: 192795
Ion Ratio Lower Upper
101 100
85 40.9 33.8 50.8
151 75.6 58.7 88.1





#33

1,2-Dichloroethane-d4

Concen: 46.557 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087053.D

Acq: 17 Jun 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

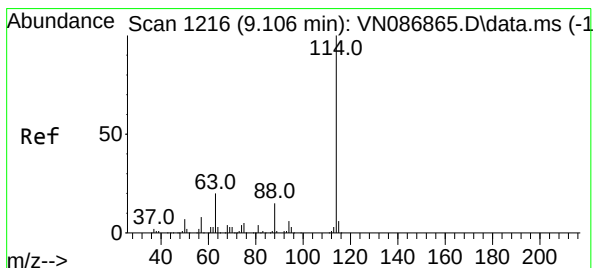
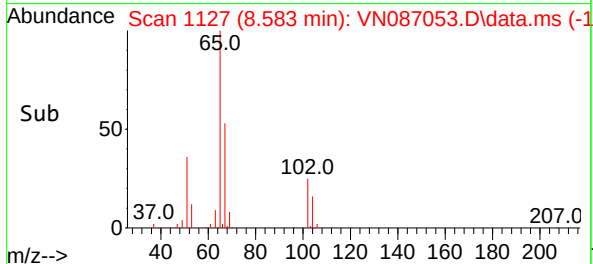
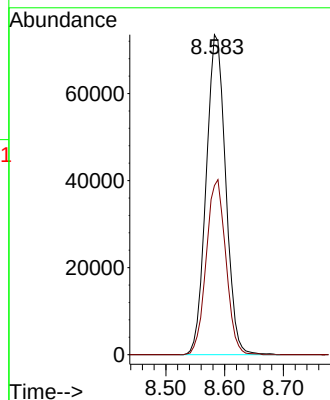
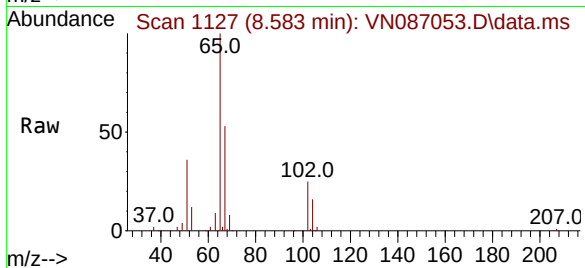
RE134D4-20250610DL

Tgt Ion: 65 Resp: 169747

Ion Ratio Lower Upper

65 100

67 54.9 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: VN087053.D

Acq: 17 Jun 2025 12:56

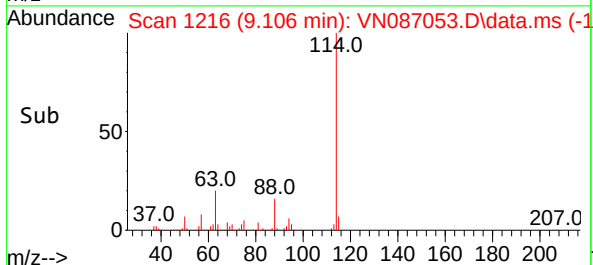
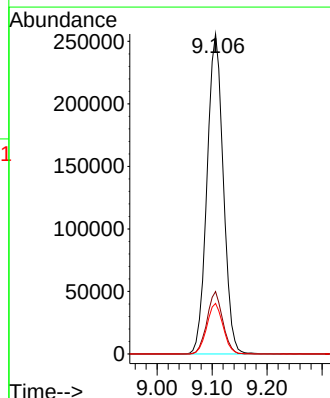
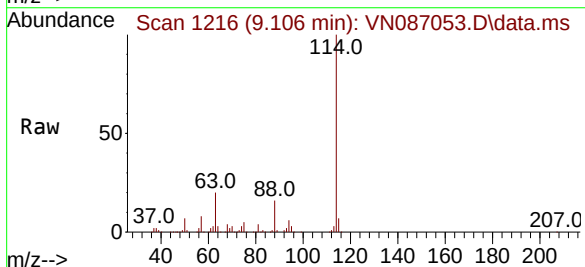
Tgt Ion: 114 Resp: 524978

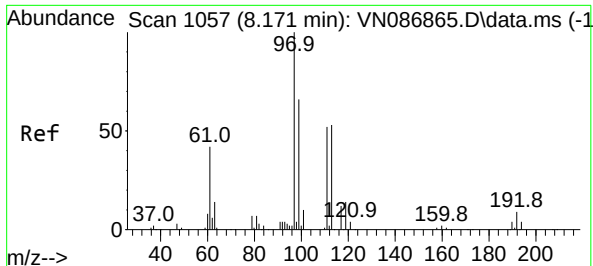
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.8 0.0 30.2

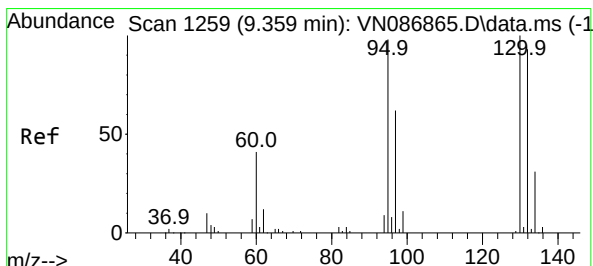
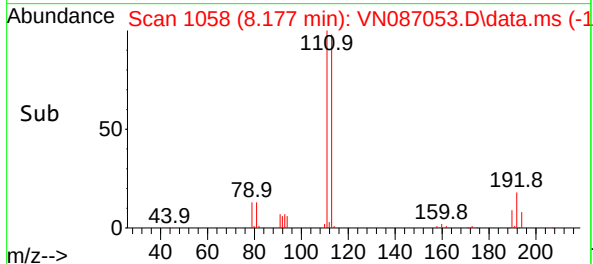
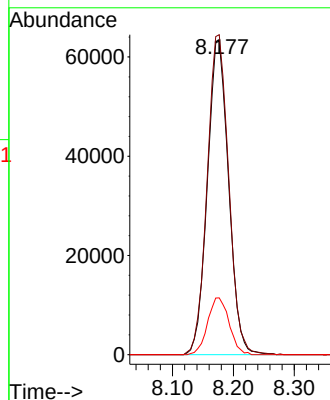
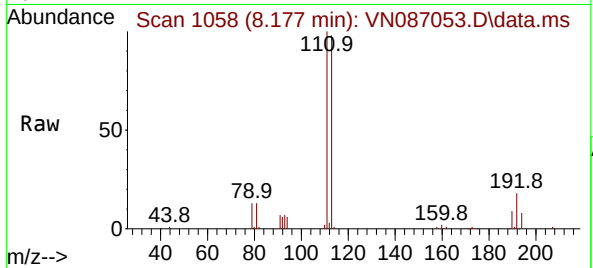




#35
Dibromofluoromethane
Concen: 49.346 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

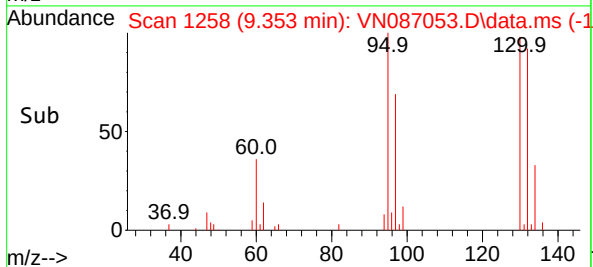
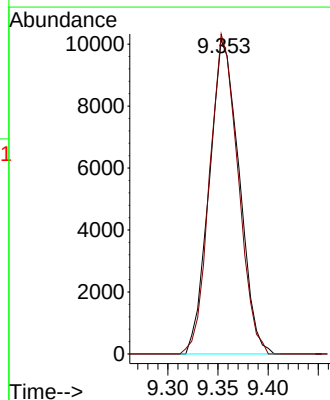
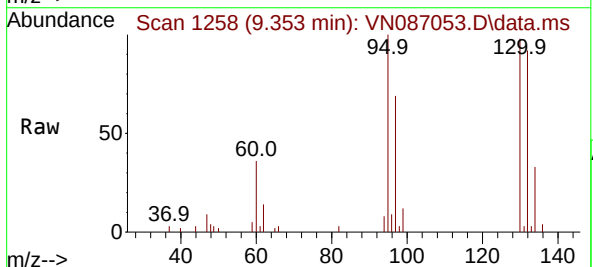
Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

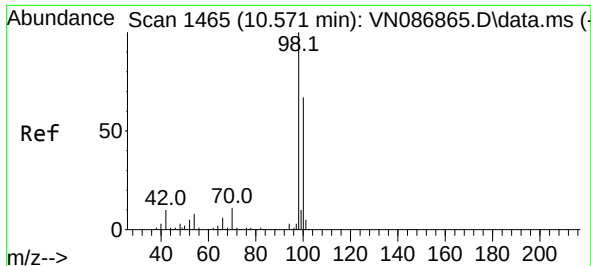
Tgt Ion:113 Resp: 153523
Ion Ratio Lower Upper
113 100
111 103.2 84.2 126.2
192 18.3 14.2 21.4



#44
Trichloroethene
Concen: 5.847 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion:130 Resp: 21017
Ion Ratio Lower Upper
130 100
95 101.8 0.0 196.2

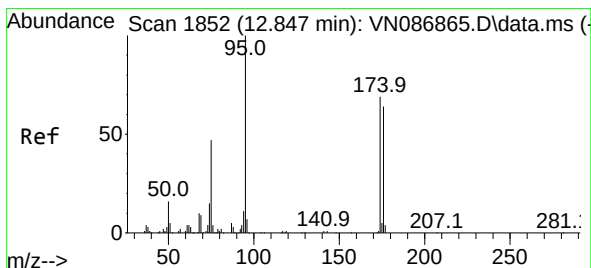
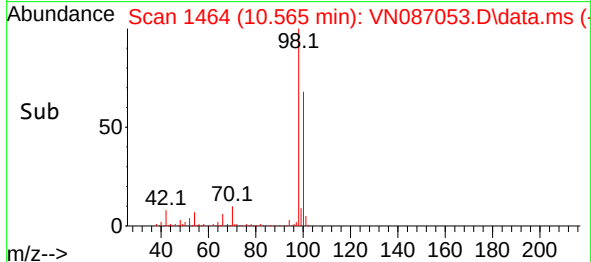
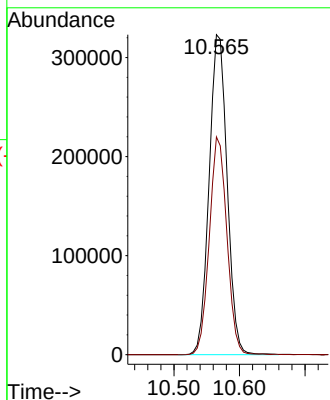
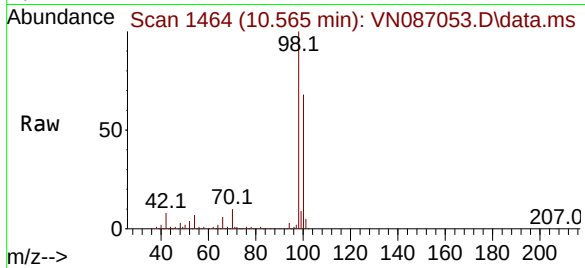




#50
Toluene-d8
Concen: 50.002 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

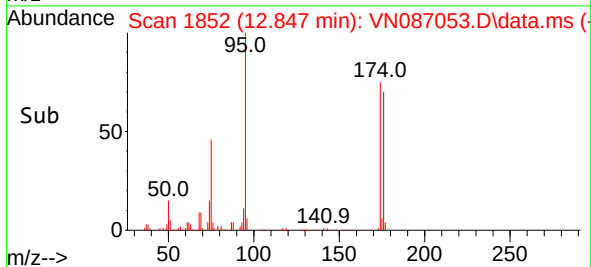
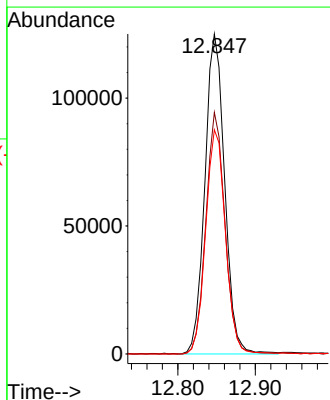
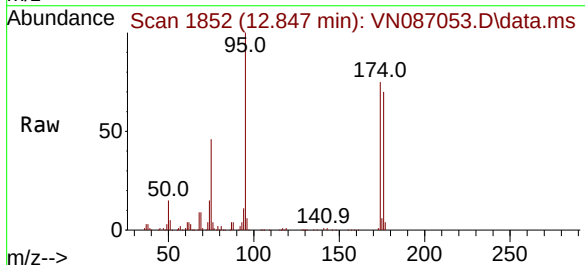
Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

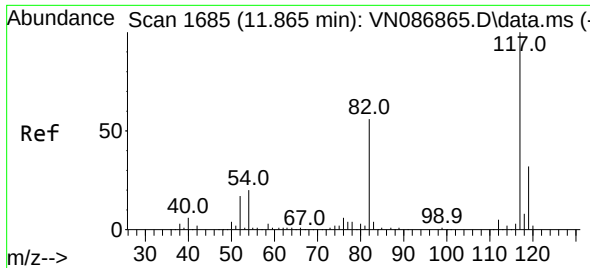
Tgt Ion: 98 Resp: 615838
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.397 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion: 95 Resp: 221456
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.8
176 70.0 0.0 132.6

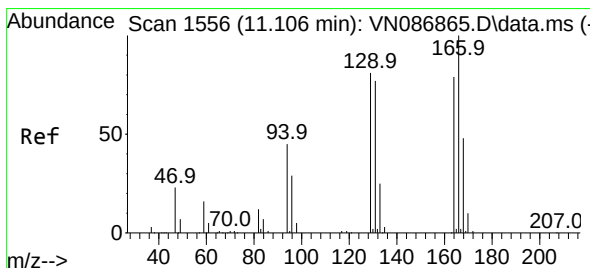
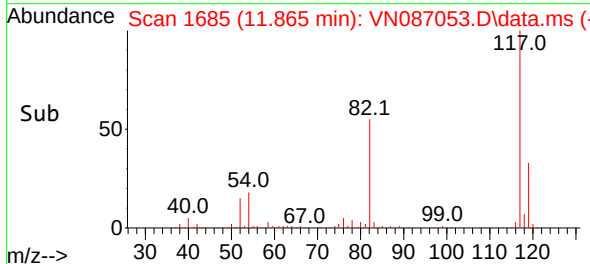
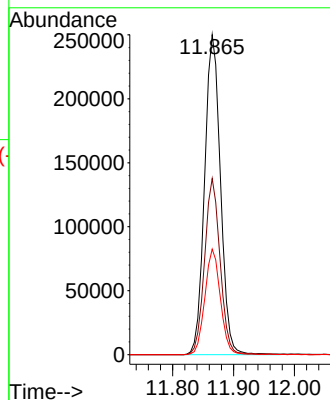
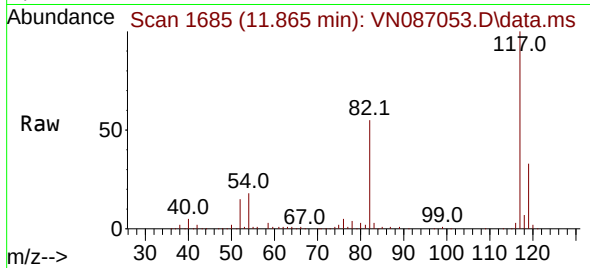




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

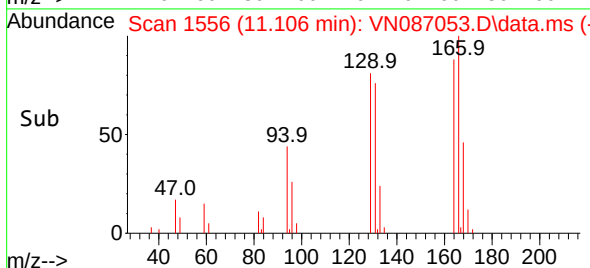
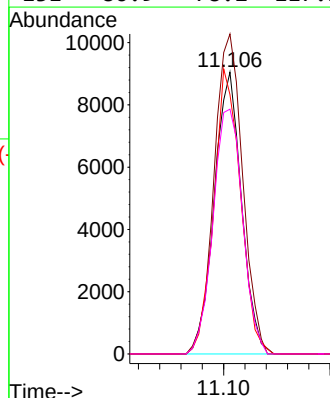
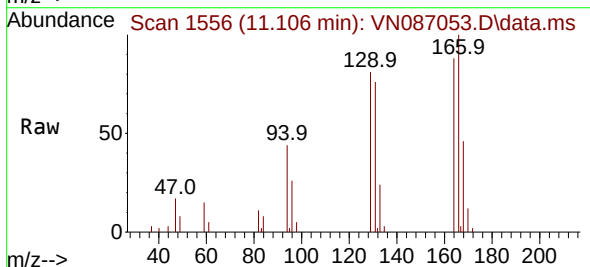
Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

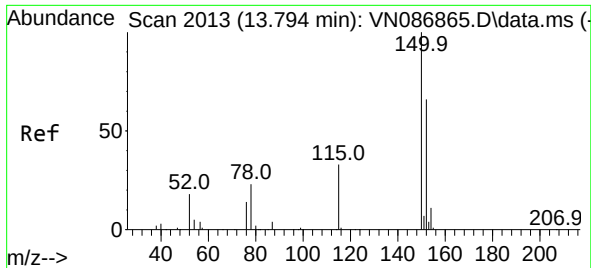
Tgt Ion:	117	Resp:	453855
Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	67.0
119	33.0	25.5	38.3



#64
Tetrachloroethene
Concen: 5.601 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

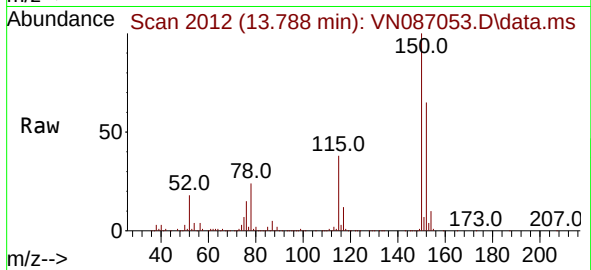
Tgt Ion:	164	Resp:	16088
Ion	Ratio	Lower	Upper
164	100		
166	113.6	101.8	152.8
129	92.1	83.0	124.4
131	86.9	78.2	117.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL



Tgt Ion:152 Resp: 219879
Ion Ratio Lower Upper
152 100
115 57.9 30.1 90.5
150 155.7 0.0 345.0

