

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087545.D
 Acq On : 13 Aug 2025 18:56
 Operator : JC\MD
 Sample : Q2836-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-16-G

Quant Time: Aug 14 04:06:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

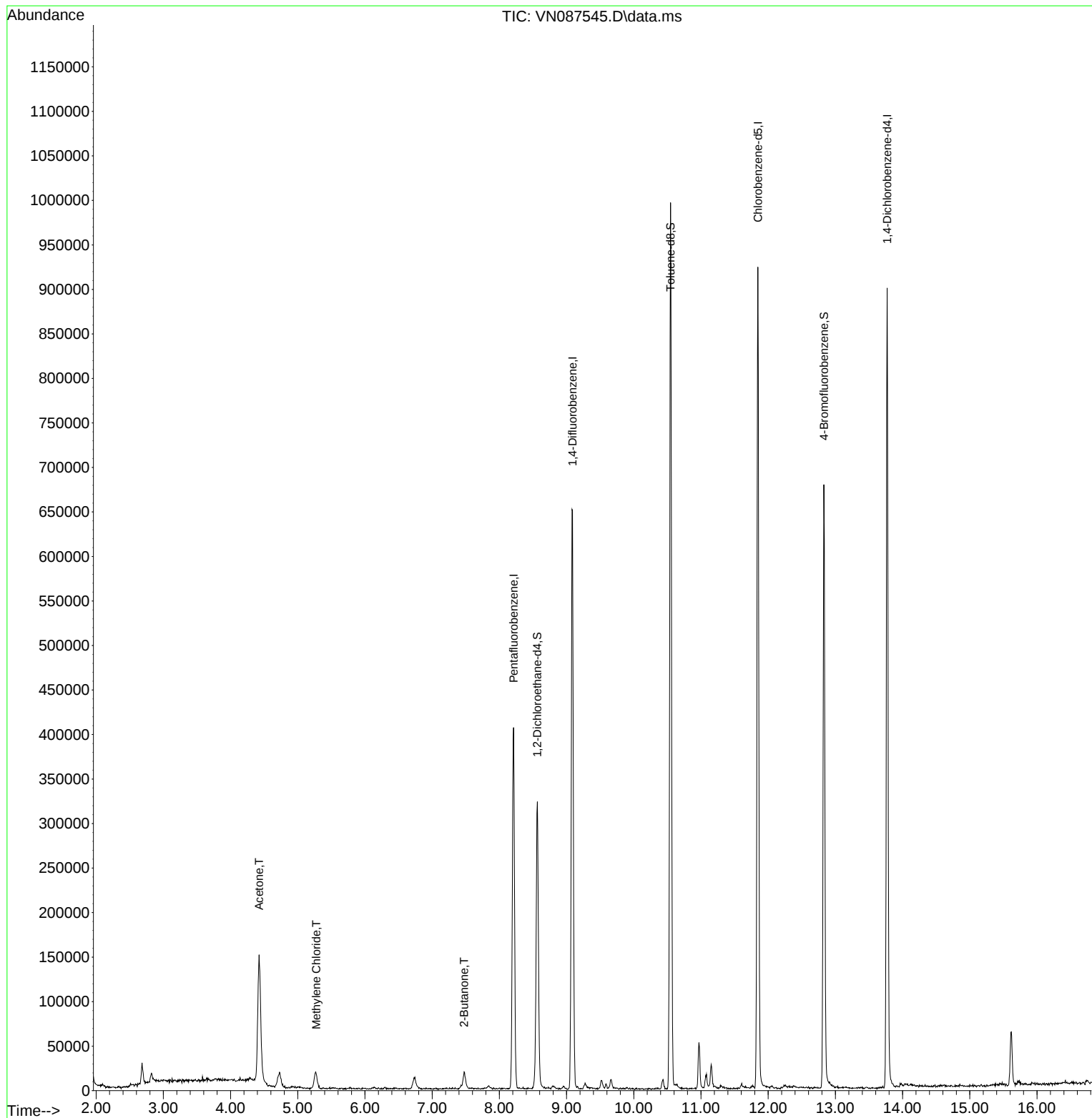
Internal Standards						
1) Pentafluorobenzene	8.212	168	266901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	539961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	488726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	223776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	268865	59.369	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.740%
35) Dibromofluoromethane	8.147	113	364	0.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.200%#
50) Toluene-d8	10.547	98	645476	48.582	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.829	95	240812	49.059	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.120%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	282383	132.986	ug/l	95
20) Methylene Chloride	5.277	84	13733	3.227	ug/l #	88
25) 2-Butanone	7.477	43	29686	9.048	ug/l	96

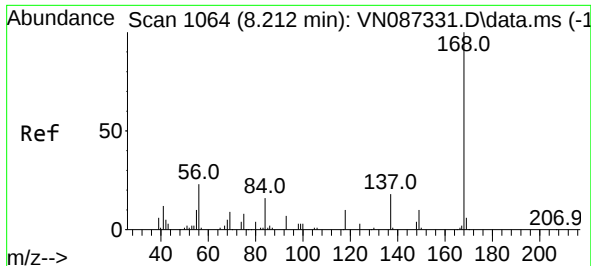
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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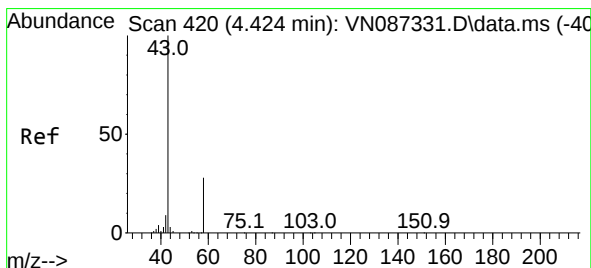
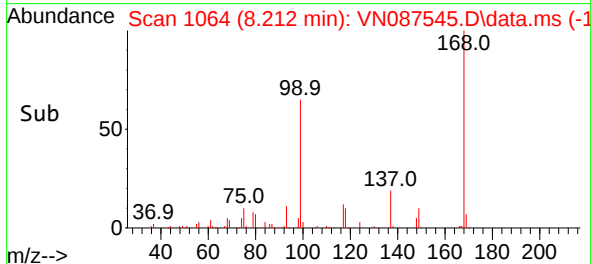
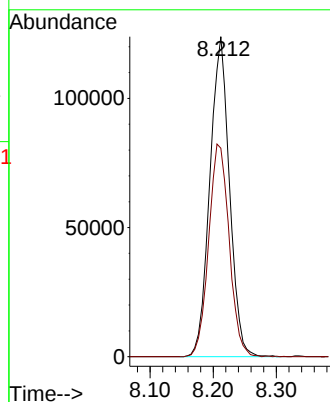
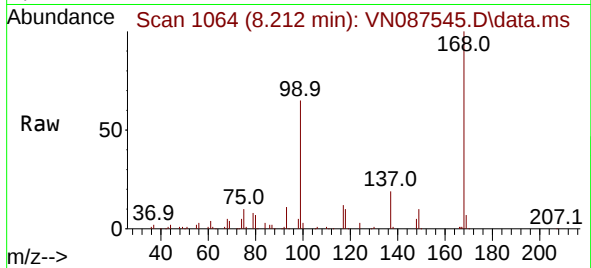




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087545.D
Acq: 13 Aug 2025 18:56

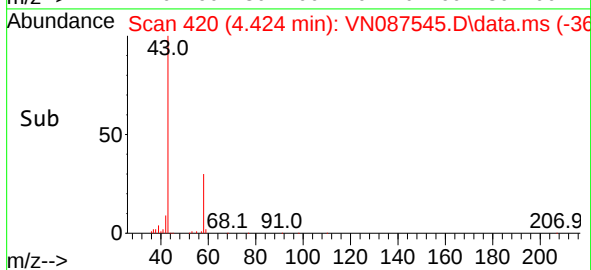
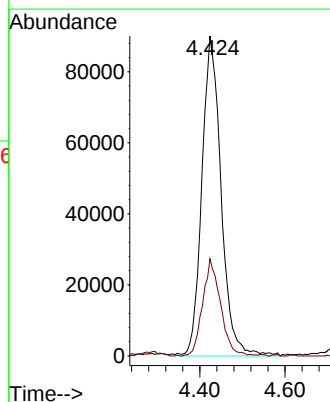
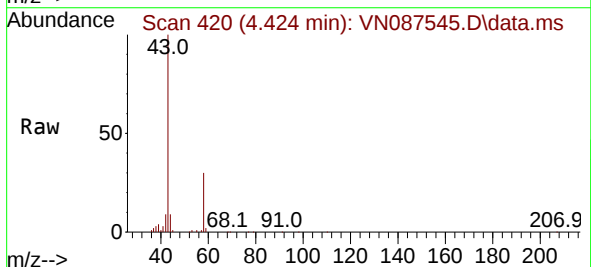
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-16-G

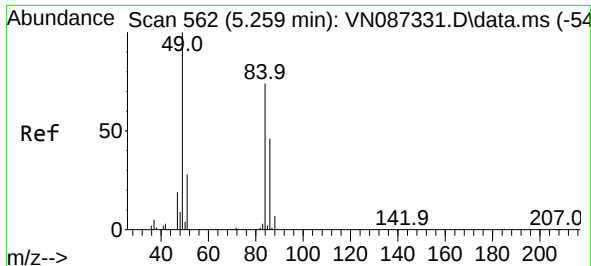
Tgt Ion:168 Resp: 266901
Ion Ratio Lower Upper
168 100
99 65.1 47.9 71.9



#16
Acetone
Concen: 132.986 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087545.D
Acq: 13 Aug 2025 18:56

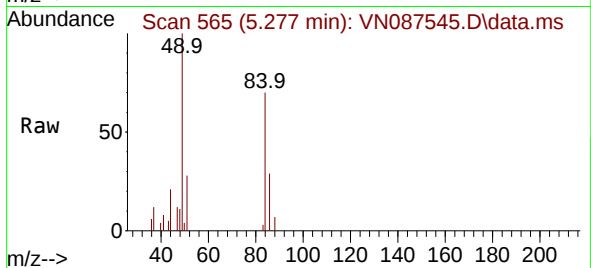
Tgt Ion: 43 Resp: 282383
Ion Ratio Lower Upper
43 100
58 30.3 22.3 33.5



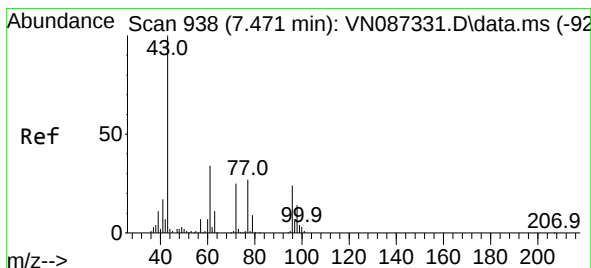
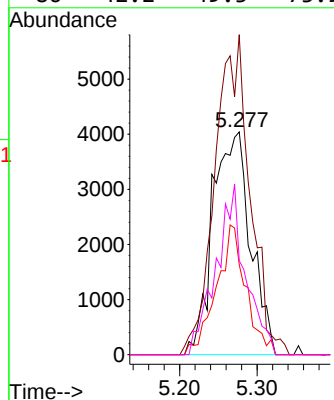
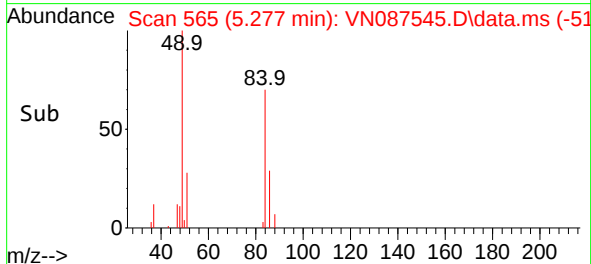


#20
Methylene Chloride
Concen: 3.227 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN087545.D
Acq: 13 Aug 2025 18:56

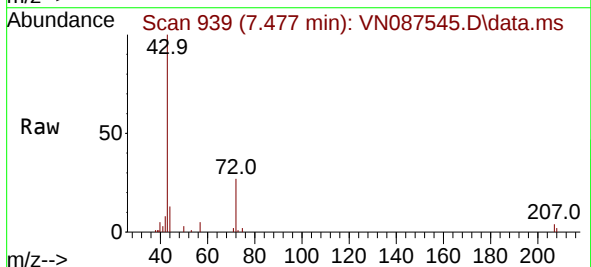
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-16-G



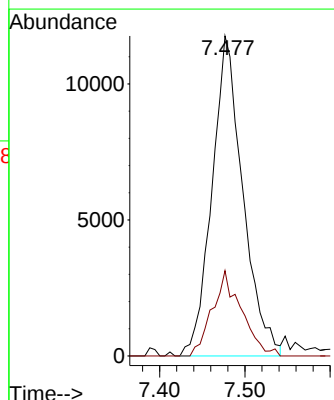
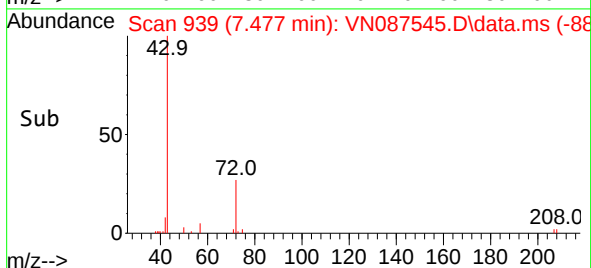
Tgt Ion: 84 Resp: 13733
Ion Ratio Lower Upper
84 100
49 143.6 107.5 161.3
51 40.5 30.2 45.2
86 42.2 49.3 73.9#

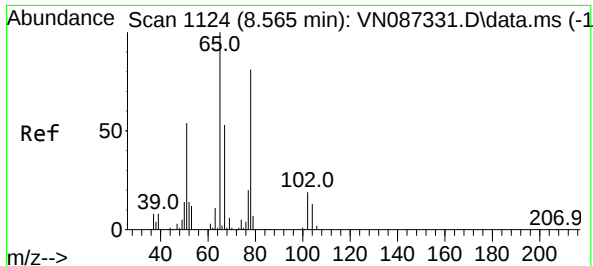


#25
2-Butanone
Concen: 9.048 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087545.D
Acq: 13 Aug 2025 18:56



Tgt Ion: 43 Resp: 29686
Ion Ratio Lower Upper
43 100
72 26.7 19.6 29.4





#33

1,2-Dichloroethane-d4

Concen: 59.369 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087545.D

Acq: 13 Aug 2025 18:56

Instrument :

MSVOA_N

ClientSampleId :

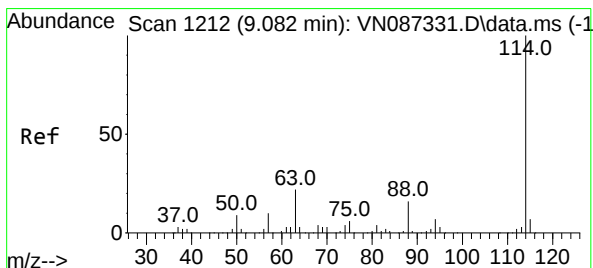
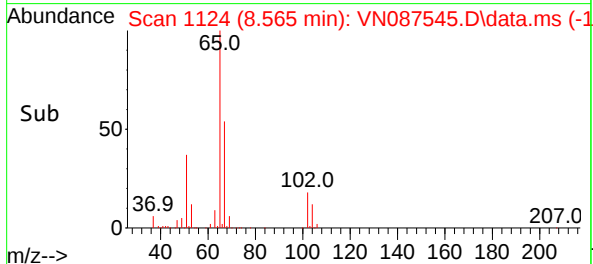
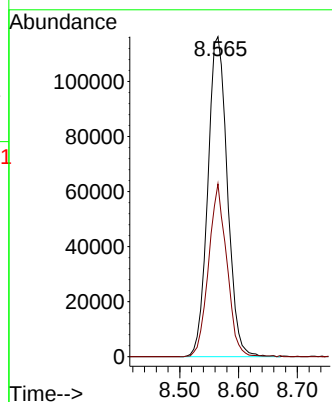
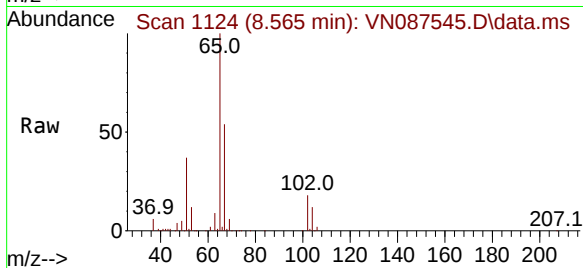
WC-A2-16-G

Tgt Ion: 65 Resp: 268865

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087545.D

Acq: 13 Aug 2025 18:56

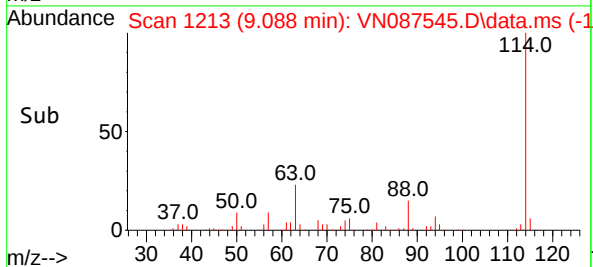
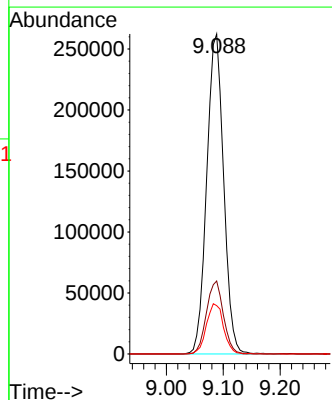
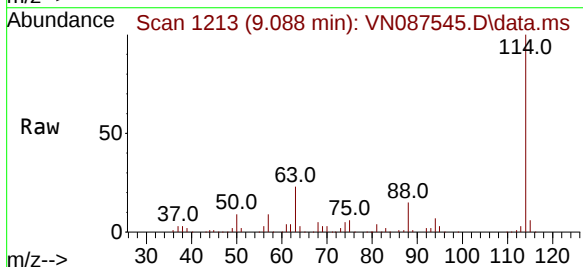
Tgt Ion: 114 Resp: 539961

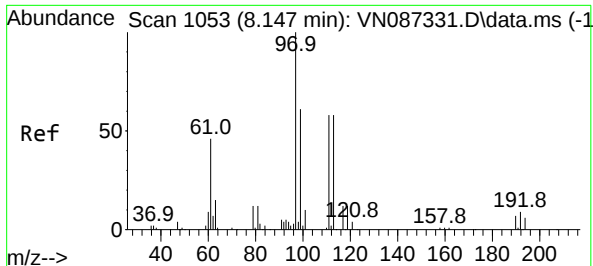
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 0.098 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087545.D

Acq: 13 Aug 2025 18:56

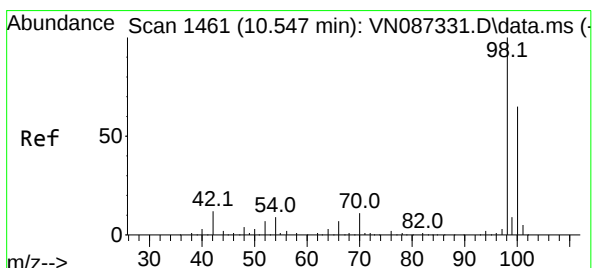
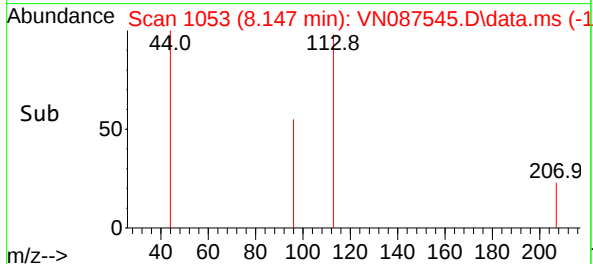
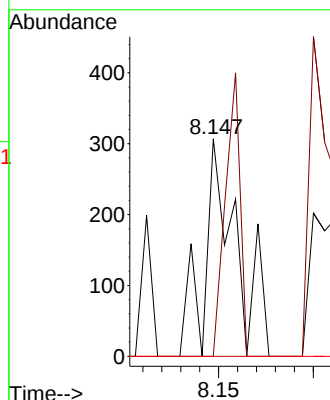
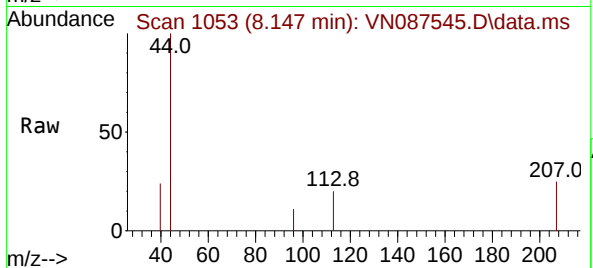
Instrument :

MSVOA_N

ClientSampleId :

WC-A2-16-G

Tgt Ion:113	Resp:	364
Ion Ratio	Lower	Upper
113	100	
111	59.3	82.5 123.7#
192	0.0	13.7 20.5#



#50

Toluene-d8

Concen: 48.582 ug/l

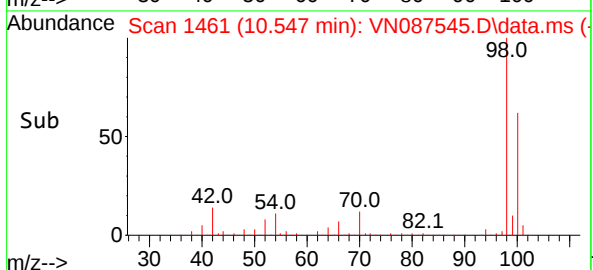
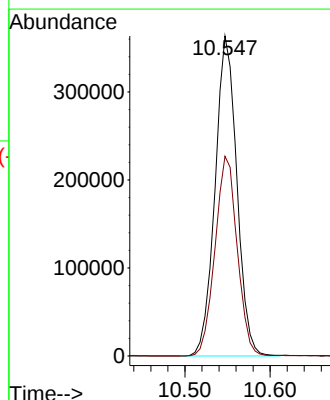
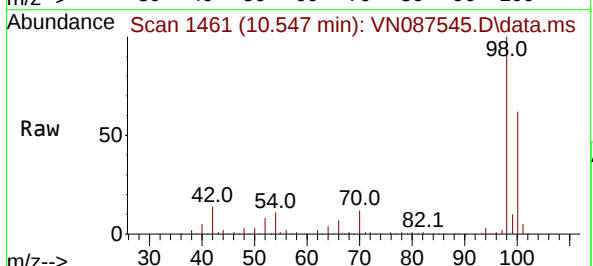
RT: 10.547 min Scan# 1461

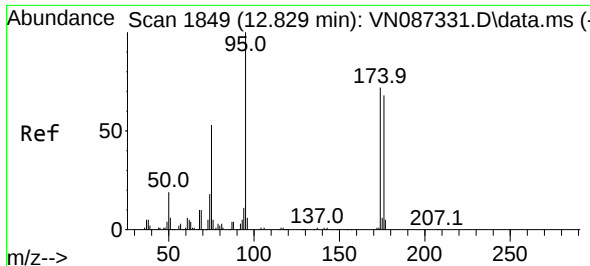
Delta R.T. 0.000 min

Lab File: VN087545.D

Acq: 13 Aug 2025 18:56

Tgt Ion: 98	Resp:	645476
Ion Ratio	Lower	Upper
98	100	
100	63.7	52.1 78.1

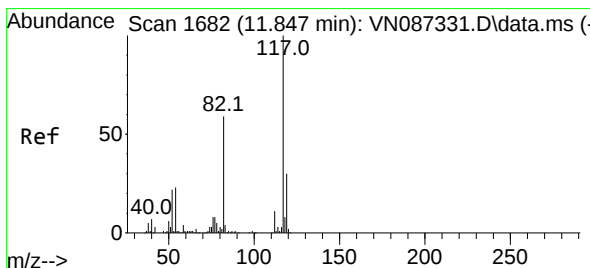
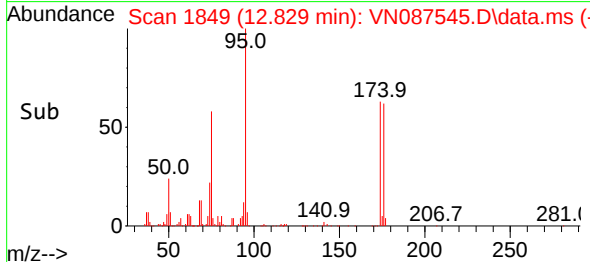
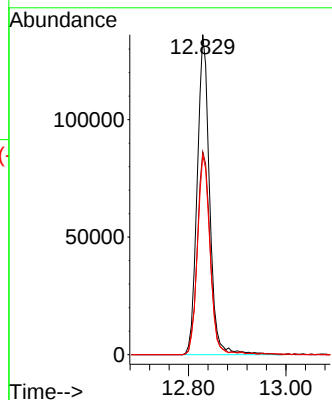
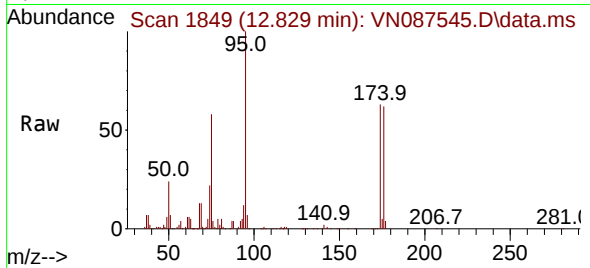




#62
4-Bromofluorobenzene
Concen: 49.059 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087545.D
Acq: 13 Aug 2025 18:56

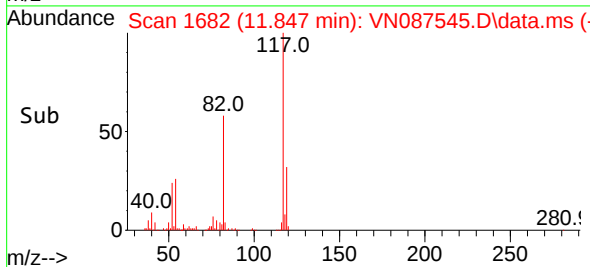
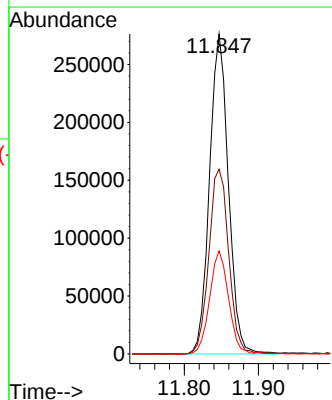
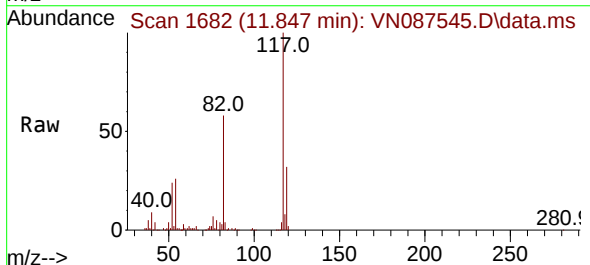
Instrument :
MSVOA_N
ClientSampleId :
WC-A2-16-G

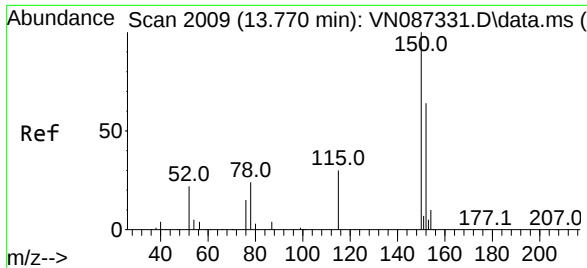
Tgt Ion: 95 Resp: 240812
Ion Ratio Lower Upper
95 100
174 66.1 0.0 149.4
176 63.0 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087545.D
Acq: 13 Aug 2025 18:56

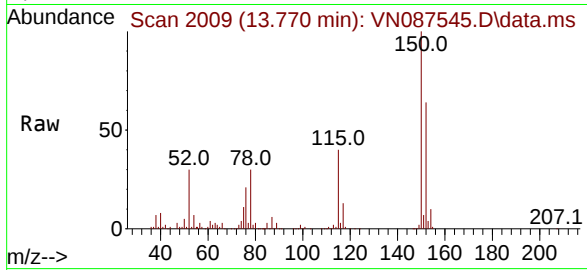
Tgt Ion: 117 Resp: 488726
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.2 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087545.D
 Acq: 13 Aug 2025 18:56

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A2-16-G



Tgt Ion:152 Resp: 223776
 Ion Ratio Lower Upper
 152 100
 115 63.8 31.1 93.5
 150 158.4 0.0 349.0

