

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088166.D
 Acq On : 29 Oct 2025 17:11
 Operator : JC\MD
 Sample : Q3472-06
 Misc : 2.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: Oct 30 04:10:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

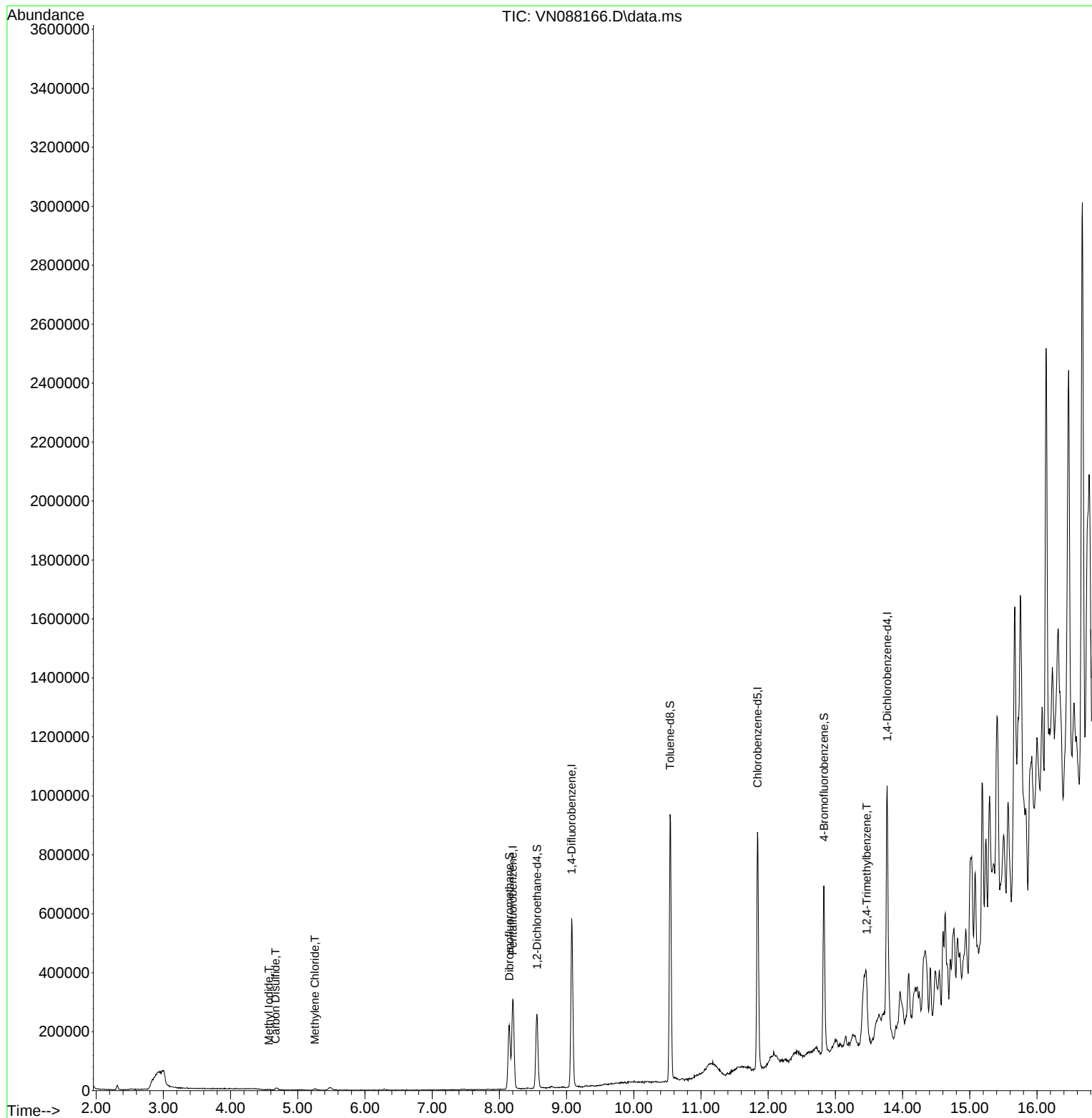
Internal Standards						
1) Pentafluorobenzene	8.200	168	208951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.076	114	470831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	443577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	210562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	217165	60.103	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.200%
35) Dibromofluoromethane	8.147	113	155788	49.252	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.500%
50) Toluene-d8	10.541	98	609873	50.039	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.829	95	226179	52.547	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.100%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.571	142	2418	5.114	ug/l #	91
17) Carbon Disulfide	4.671	76	17199	2.154	ug/l	99
20) Methylene Chloride	5.253	84	3870	2.122	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.464	105	40218	2.980	ug/l	80

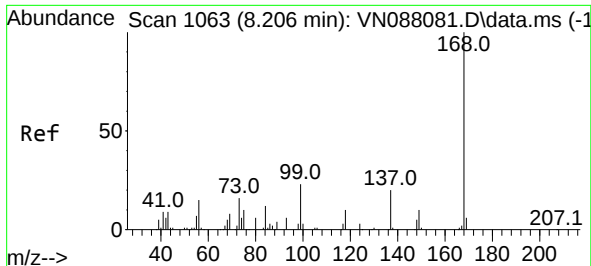
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
Data File : VN088166.D
Acq On : 29 Oct 2025 17:11
Operator : JC\MD
Sample : Q3472-06
Misc : 2.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Quant Time: Oct 30 04:10:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

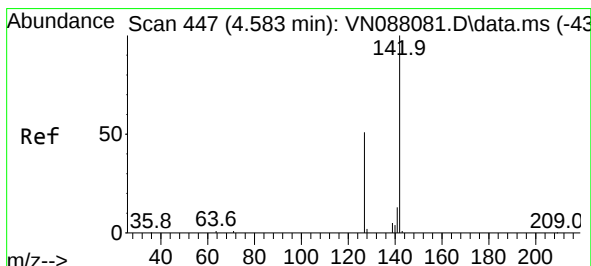
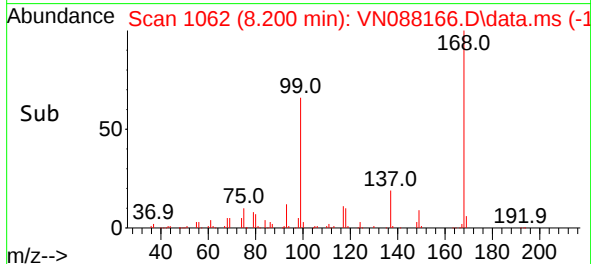
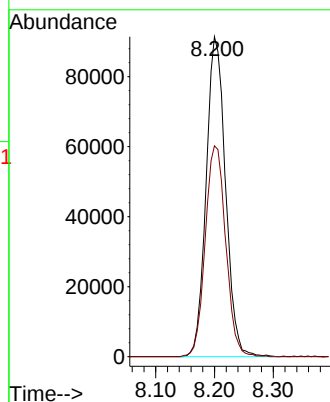
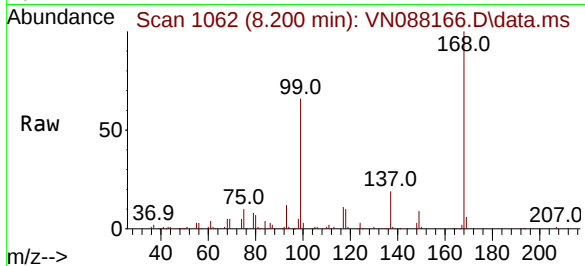




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088166.D
Acq: 29 Oct 2025 17:11

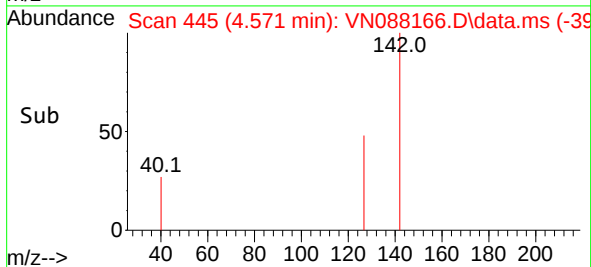
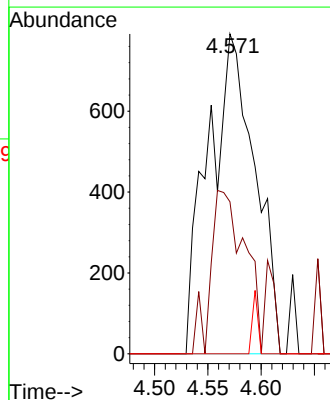
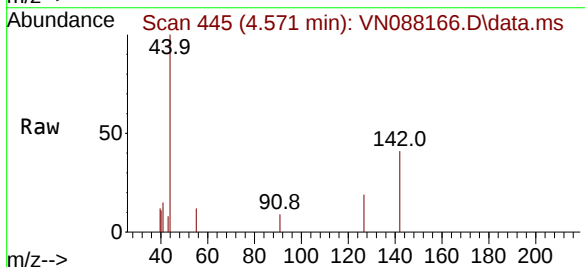
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

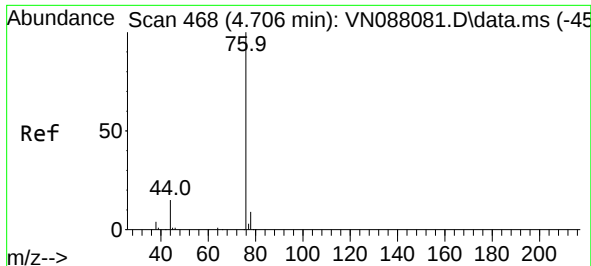
Tgt Ion:168 Resp: 208951
Ion Ratio Lower Upper
168 100
99 65.9 57.2 85.8



#10
Methyl Iodide
Concen: 5.114 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN088166.D
Acq: 29 Oct 2025 17:11

Tgt Ion:142 Resp: 2418
Ion Ratio Lower Upper
142 100
127 47.5 38.0 57.0
141 0.0 12.0 18.0#

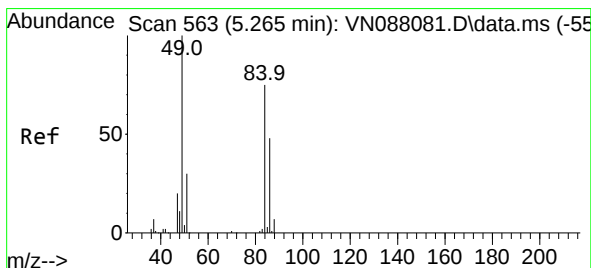
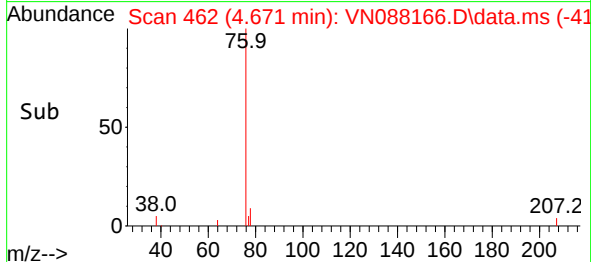
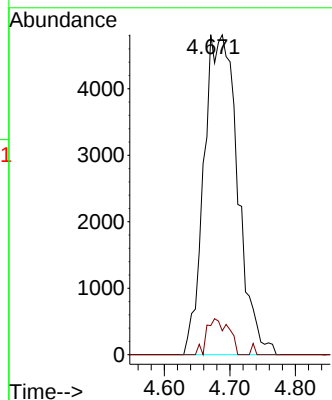
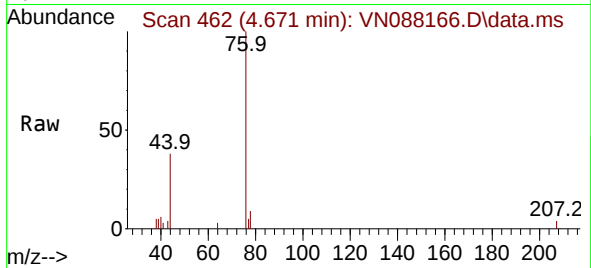




#17
Carbon Disulfide
Concen: 2.154 ug/l
RT: 4.671 min Scan# 41
Delta R.T. -0.030 min
Lab File: VN088166.D
Acq: 29 Oct 2025 17:11

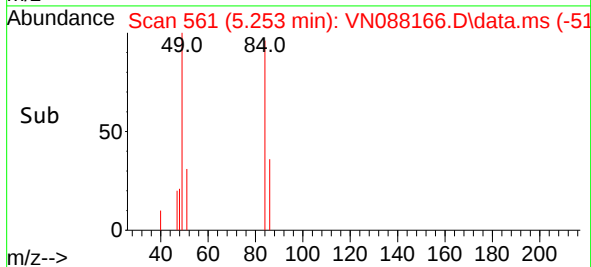
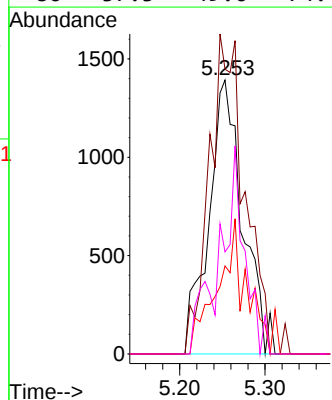
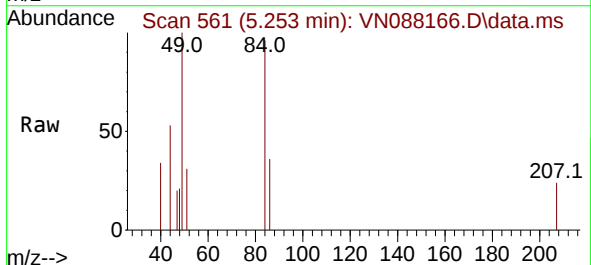
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

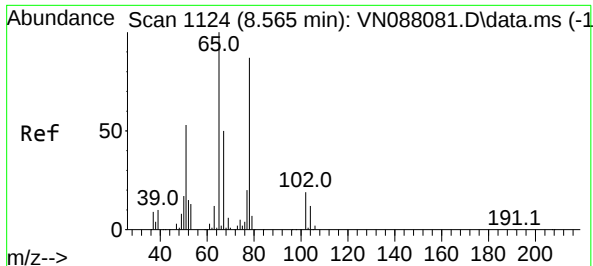
Tgt Ion: 76 Resp: 17199
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#20
Methylene Chloride
Concen: 2.122 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.012 min
Lab File: VN088166.D
Acq: 29 Oct 2025 17:11

Tgt Ion: 84 Resp: 3870
Ion Ratio Lower Upper
84 100
49 103.9 103.4 155.2
51 32.1 33.8 50.8#
86 37.3 49.6 74.4#





#33

1,2-Dichloroethane-d4

Concen: 60.103 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088166.D

Acq: 29 Oct 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

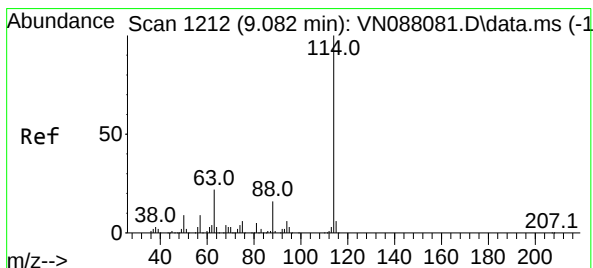
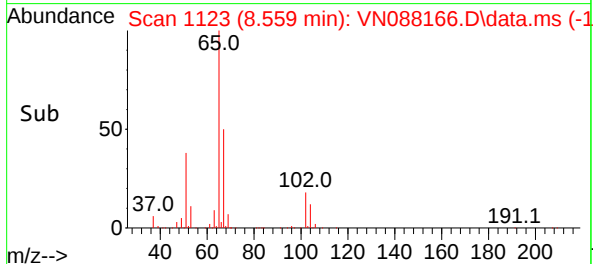
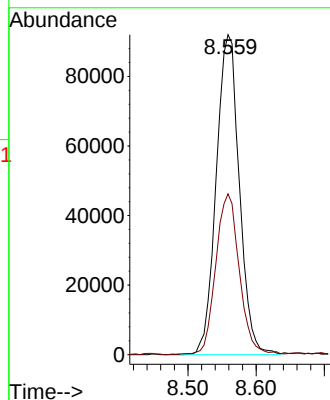
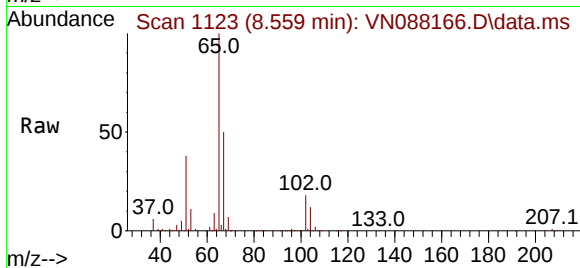
COMP-2

Tgt Ion: 65 Resp: 217165

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.076 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088166.D

Acq: 29 Oct 2025 17:11

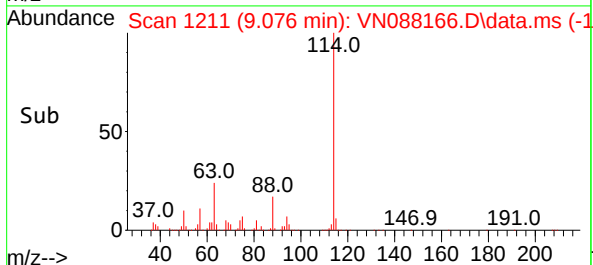
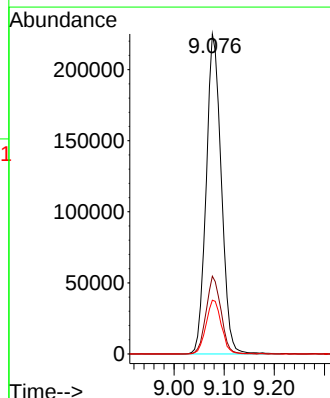
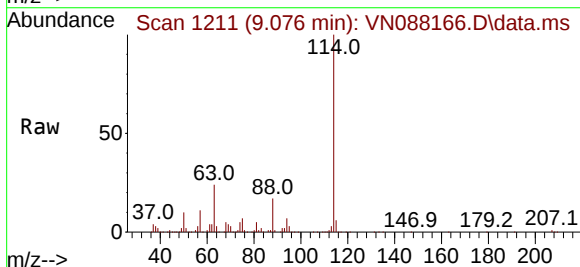
Tgt Ion: 114 Resp: 470831

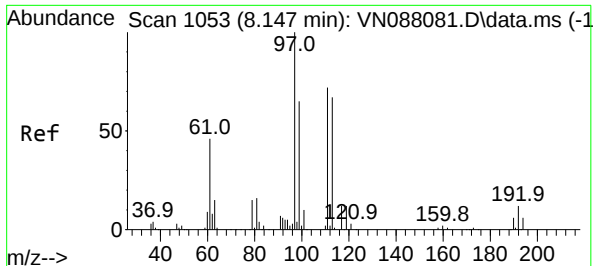
Ion Ratio Lower Upper

114 100

63 24.3 0.0 45.2

88 16.8 0.0 33.4

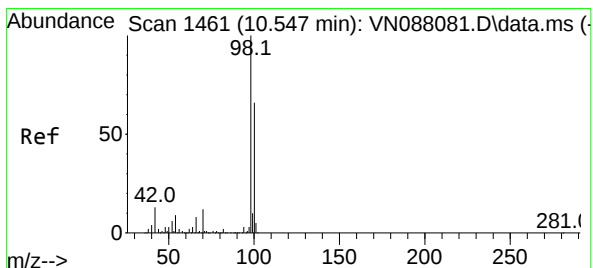
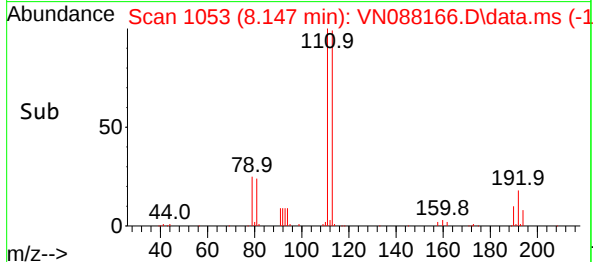
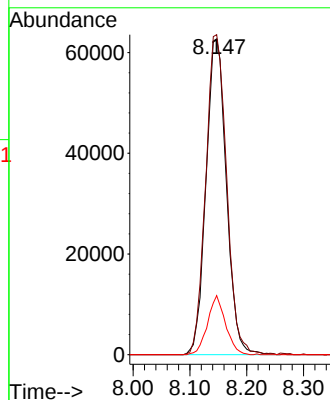
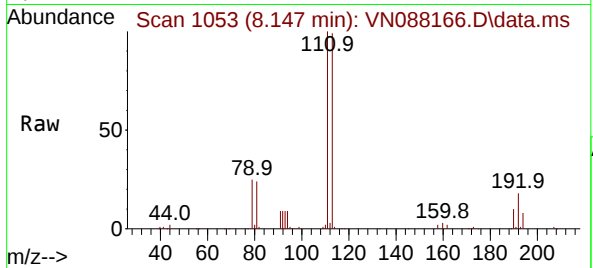




#35
Dibromofluoromethane
Concen: 49.252 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088166.D
Acq: 29 Oct 2025 17:11

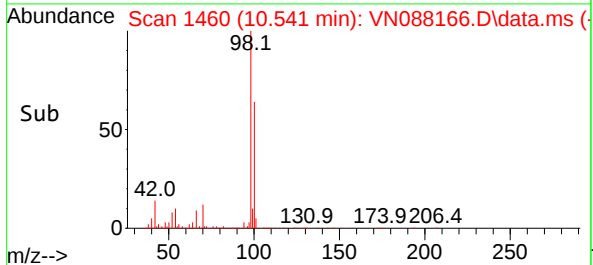
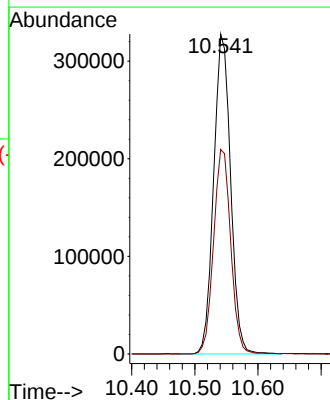
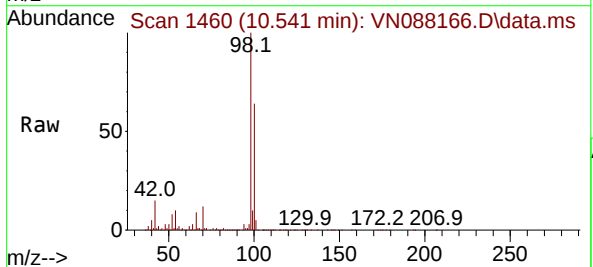
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

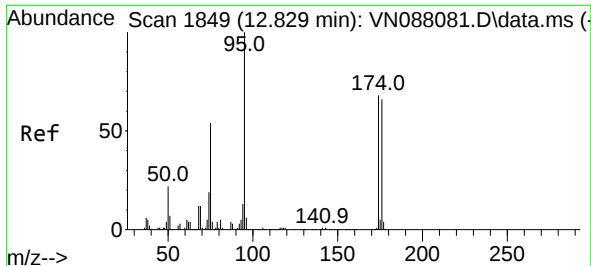
Tgt Ion:113 Resp: 155788
Ion Ratio Lower Upper
113 100
111 104.2 82.8 124.2
192 16.6 12.8 19.2



#50
Toluene-d8
Concen: 50.039 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088166.D
Acq: 29 Oct 2025 17:11

Tgt Ion: 98 Resp: 609873
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2

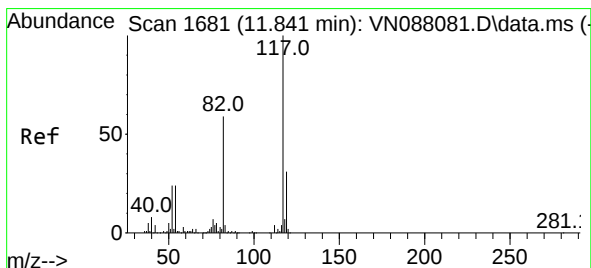
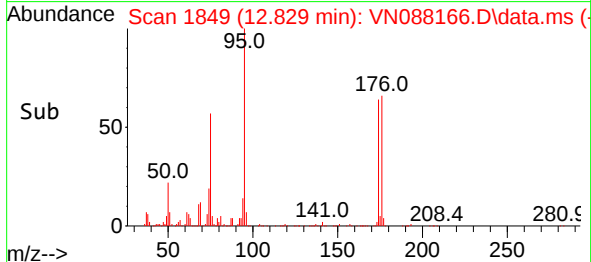
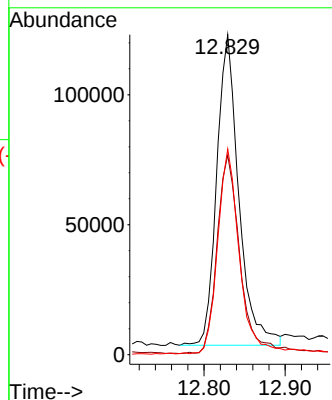
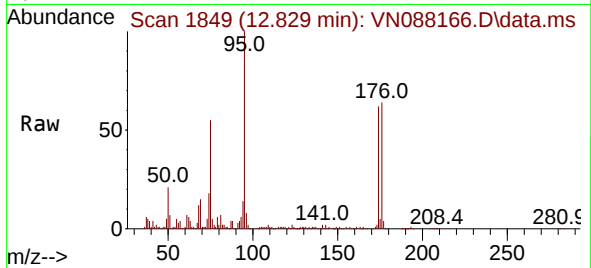




#62
4-Bromofluorobenzene
Concen: 52.547 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088166.D
Acq: 29 Oct 2025 17:11

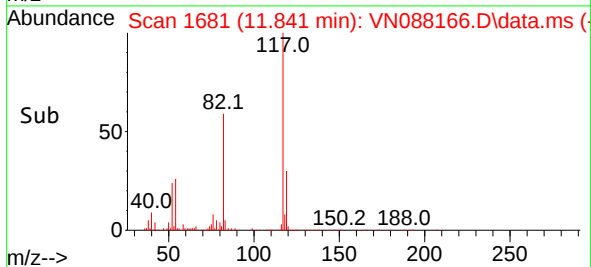
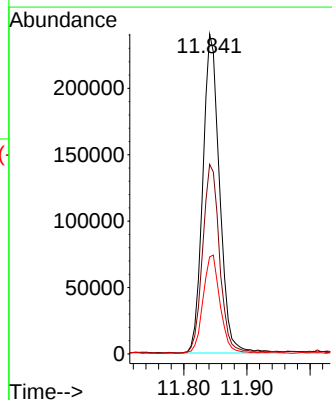
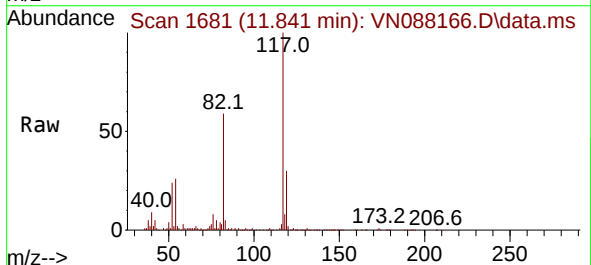
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

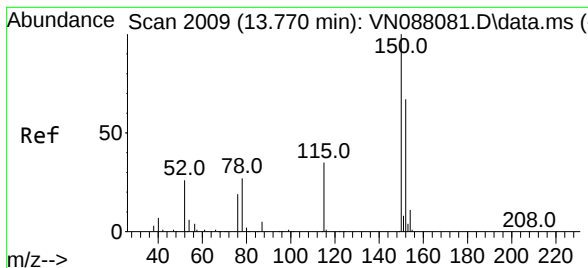
Tgt Ion: 95 Resp: 226179
Ion Ratio Lower Upper
95 100
174 67.4 0.0 138.4
176 64.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088166.D
Acq: 29 Oct 2025 17:11

Tgt Ion: 117 Resp: 443577
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 30.1 24.3 36.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN088166.D

Acq: 29 Oct 2025 17:11

Instrument :

MSVOA_N

ClientSampleId :

COMP-2

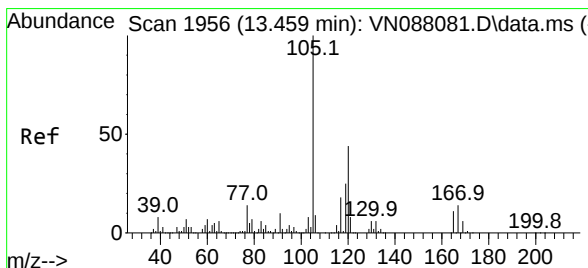
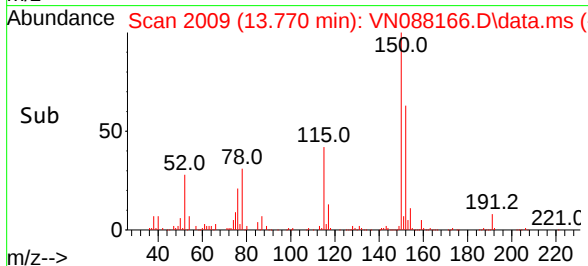
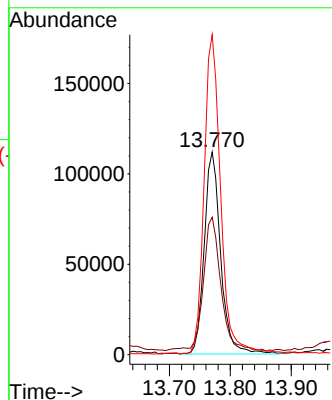
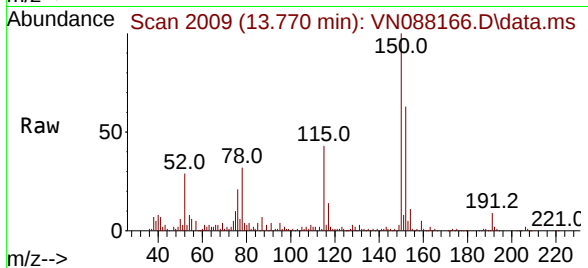
Tgt Ion:152 Resp: 210562

Ion Ratio Lower Upper

152 100

115 71.0 32.3 96.8

150 158.6 0.0 351.0



#84

1,2,4-Trimethylbenzene

Concen: 2.980 ug/l

RT: 13.464 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VN088166.D

Acq: 29 Oct 2025 17:11

Tgt Ion:105 Resp: 40218

Ion Ratio Lower Upper

105 100

120 56.7 22.0 66.0

