

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
 Data File : VN081101.D
 Acq On : 20 Feb 2024 16:17
 Operator : JC\MD
 Sample : P1524-06RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20240766-AMENDED-COMP-39N-N-3-01RE

Quant Time: Feb 21 00:21:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

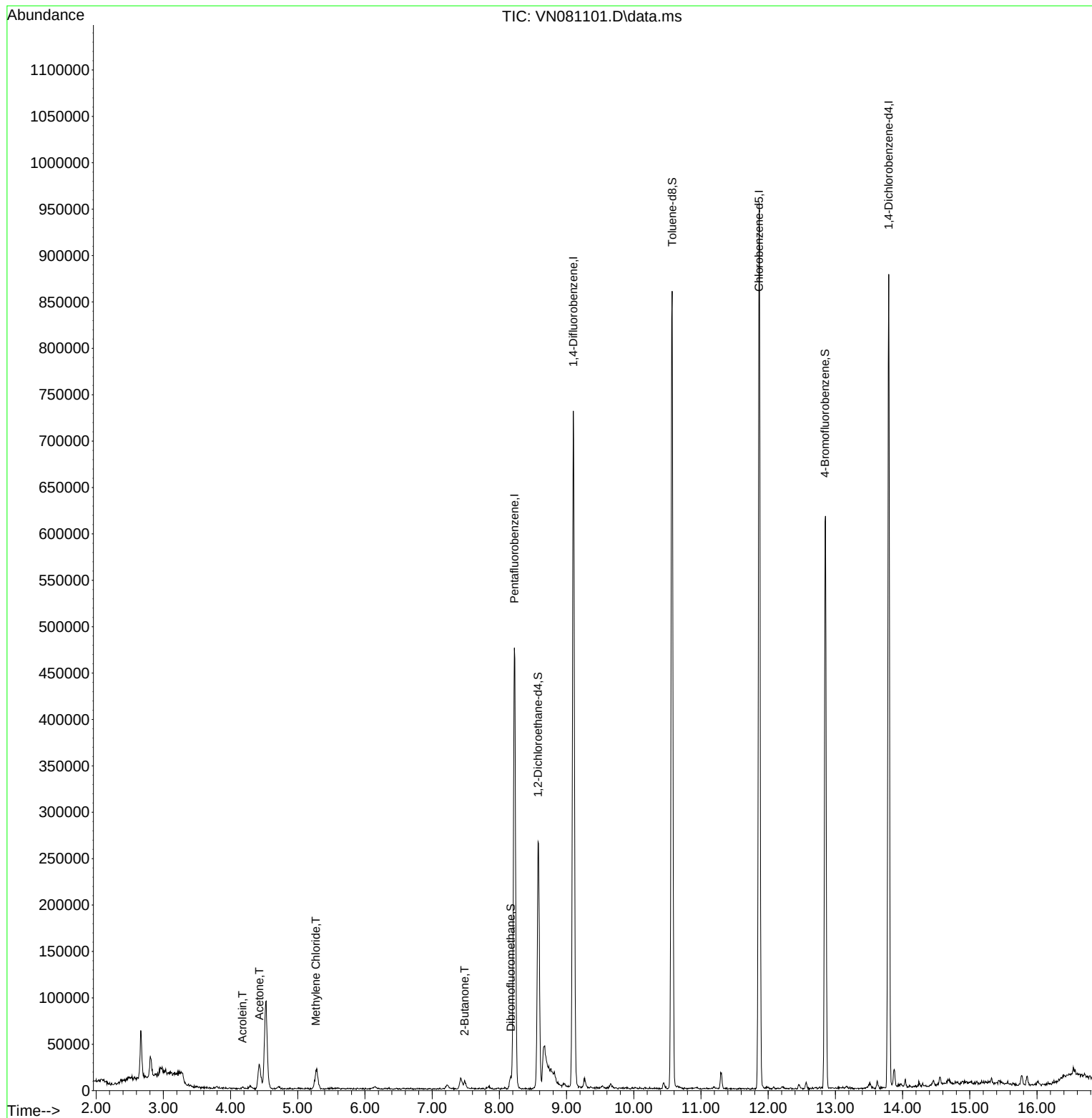
Internal Standards						
1) Pentafluorobenzene	8.224	168	335422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	634705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	545883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	213395	51.904	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.800%
35) Dibromofluoromethane	8.171	113	9487	2.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	5.280%#
50) Toluene-d8	10.571	98	606678	47.592	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.847	95	221334	46.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.420%
Target Compounds						
					Qvalue	
13) Acrolein	4.177	56	2192	5.409	ug/l #	82
16) Acetone	4.430	43	50628	31.296	ug/l	93
20) Methylene Chloride	5.271	84	16715	3.123	ug/l #	74
25) 2-Butanone	7.482	43	13116	5.019	ug/l #	78

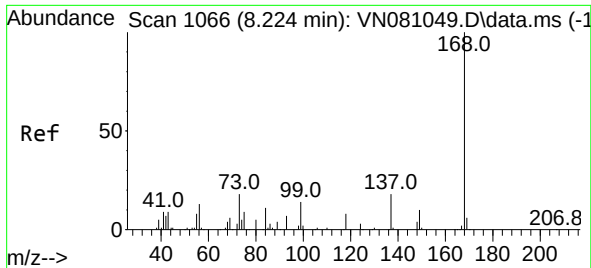
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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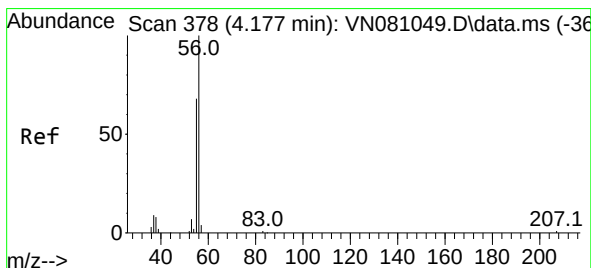
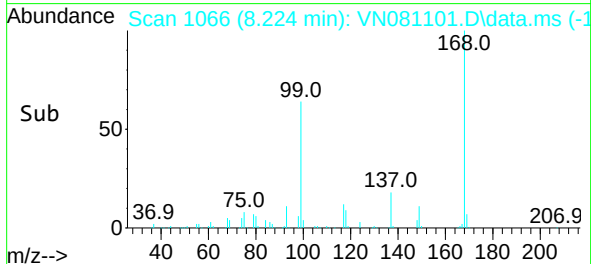
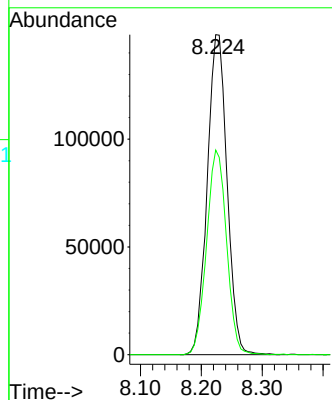
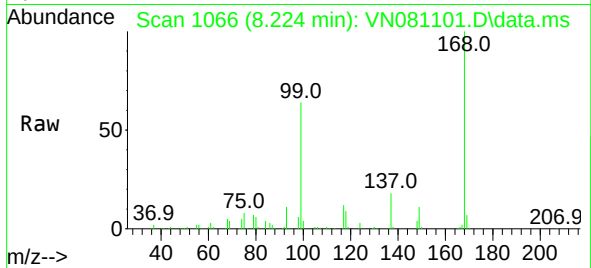




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081101.D
Acq: 20 Feb 2024 16:17

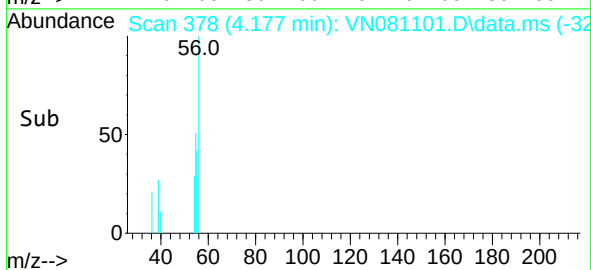
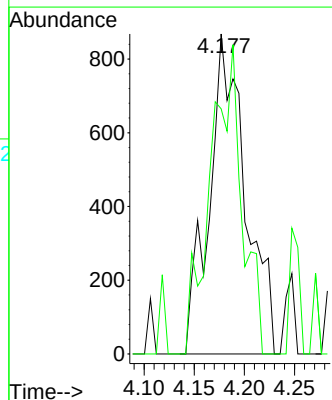
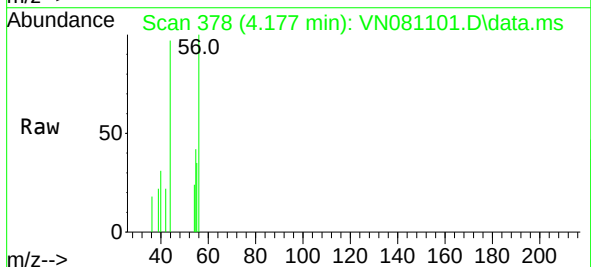
Instrument : MSVOA_N
ClientSampleId : 20240766-AMENDED-COMP-39N-N-3-01RE

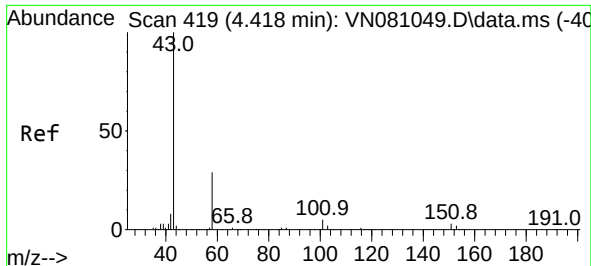
Tgt Ion:168 Resp: 335422
Ion Ratio Lower Upper
168 100
99 64.0 59.9 89.9



#13
Acrolein
Concen: 5.409 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081101.D
Acq: 20 Feb 2024 16:17

Tgt Ion: 56 Resp: 2192
Ion Ratio Lower Upper
56 100
55 83.8 55.3 82.9#

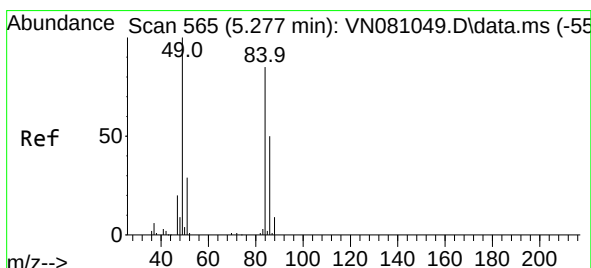
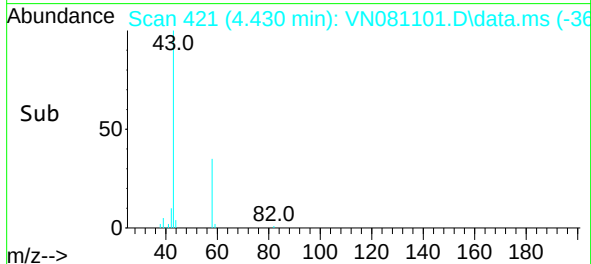
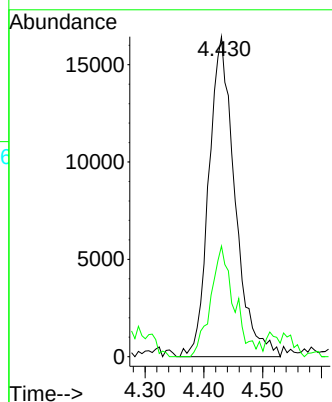
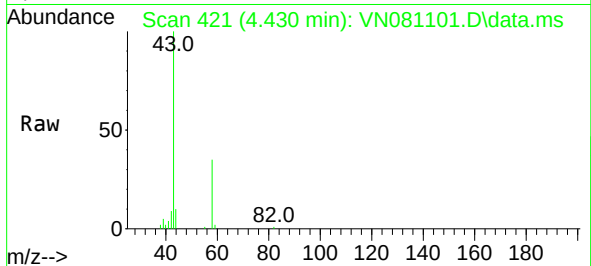




#16
Acetone
Concen: 31.296 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN081101.D
Acq: 20 Feb 2024 16:17

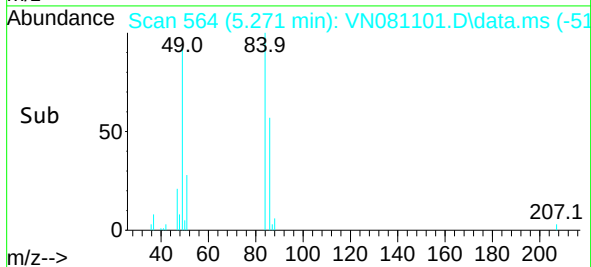
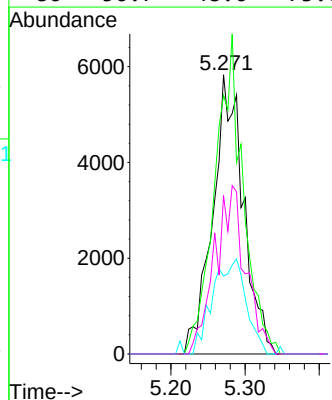
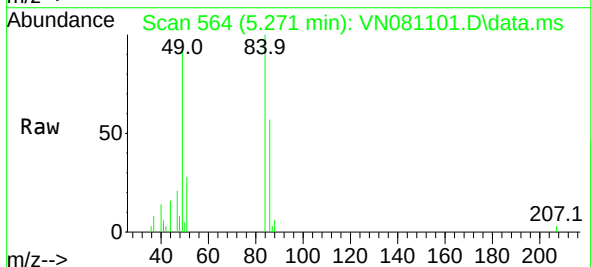
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MSVOA_N
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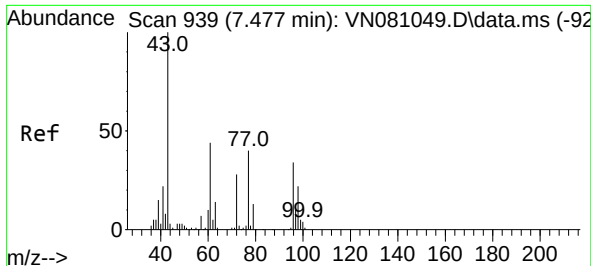
Tgt Ion: 43 Resp: 50628
Ion Ratio Lower Upper
43 100
58 34.6 24.8 37.2



#20
Methylene Chloride
Concen: 3.123 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081101.D
Acq: 20 Feb 2024 16:17

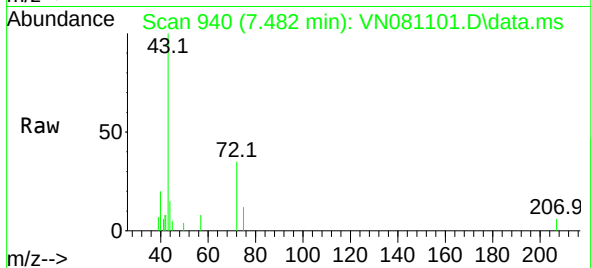
Tgt Ion: 84 Resp: 16715
Ion Ratio Lower Upper
84 100
49 92.7 108.1 162.1#
51 25.3 32.9 49.3#
86 56.7 48.6 73.0



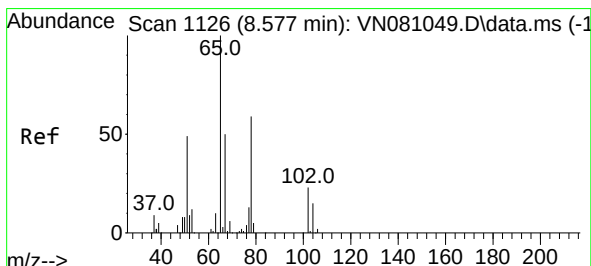
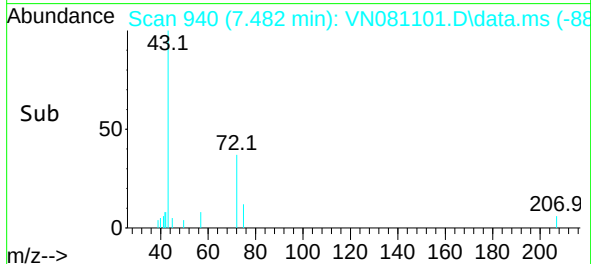
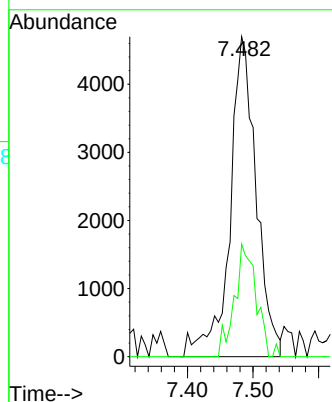


#25
2-Butanone
Concen: 5.019 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081101.D
Acq: 20 Feb 2024 16:17

Instrument :
MSVOA_N
ClientSampleId :
20240766-AMENDED-COMP-39N-N-3-01RE

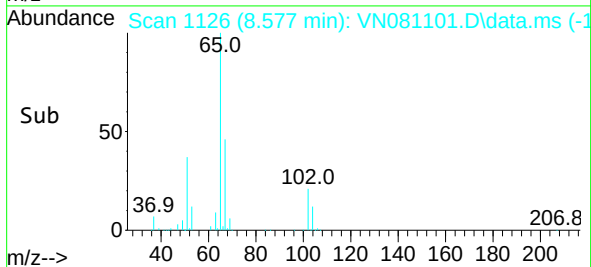
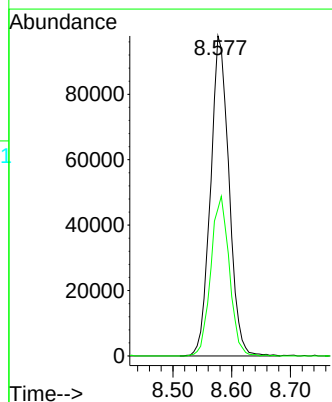
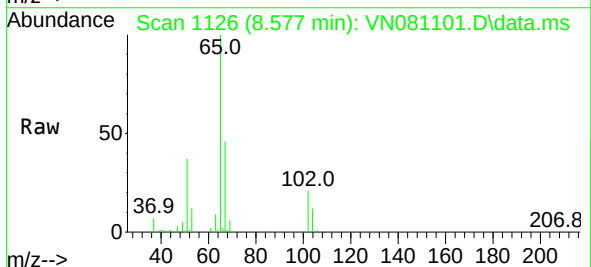


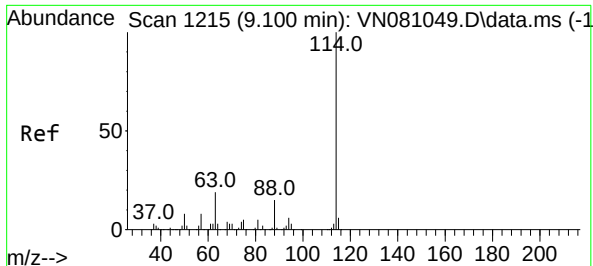
Tgt Ion: 43 Resp: 13116
Ion Ratio Lower Upper
43 100
72 35.2 19.5 29.3#



#33
1,2-Dichloroethane-d4
Concen: 51.904 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081101.D
Acq: 20 Feb 2024 16:17

Tgt Ion: 65 Resp: 213395
Ion Ratio Lower Upper
65 100
67 50.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081101.D

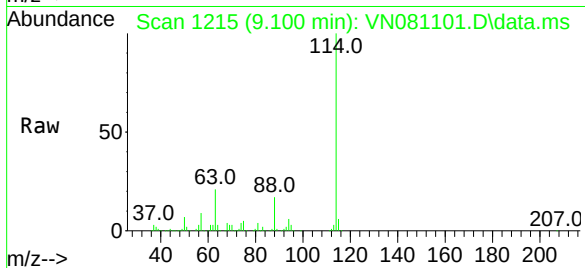
Acq: 20 Feb 2024 16:17

Instrument :

MSVOA_N

ClientSampleId :

20240766-AMENDED-COMP-39N-N-3-01RE



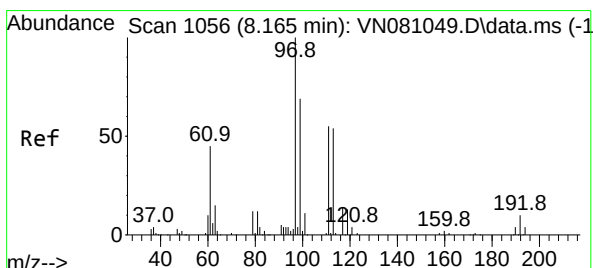
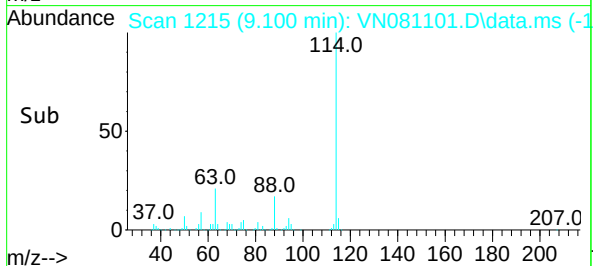
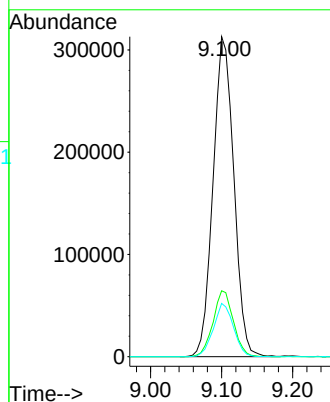
Tgt Ion:114 Resp: 634705

Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

88 16.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 2.643 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081101.D

Acq: 20 Feb 2024 16:17

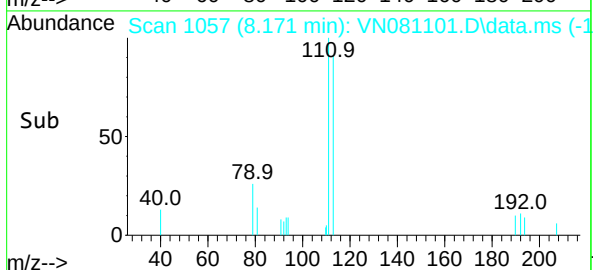
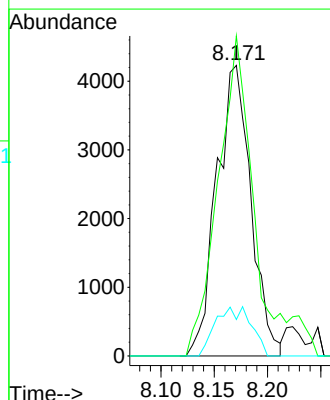
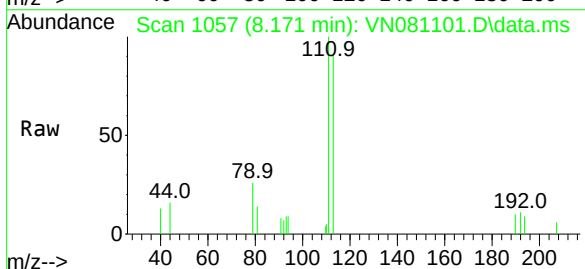
Tgt Ion:113 Resp: 9487

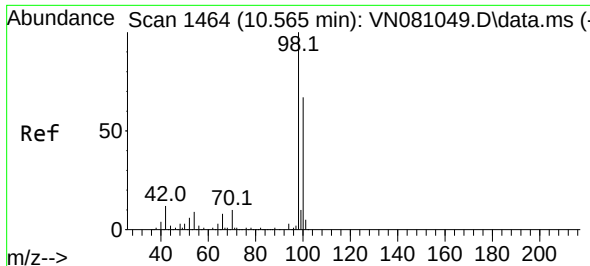
Ion Ratio Lower Upper

113 100

111 117.4 82.2 123.4

192 17.6 12.5 18.7

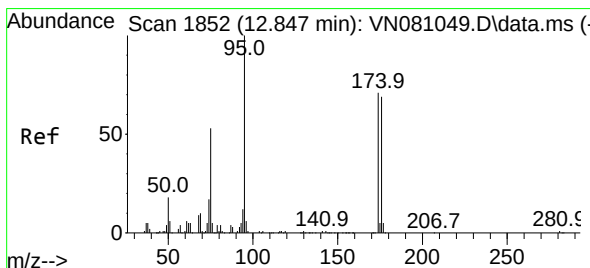
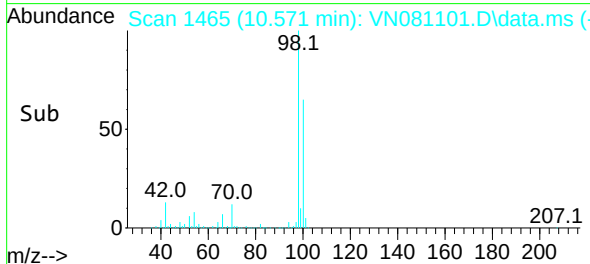
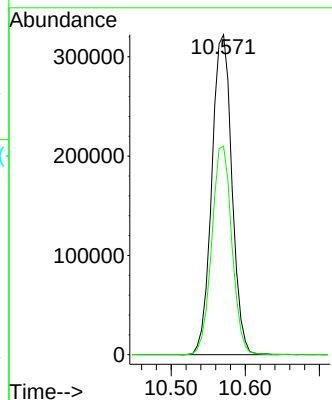
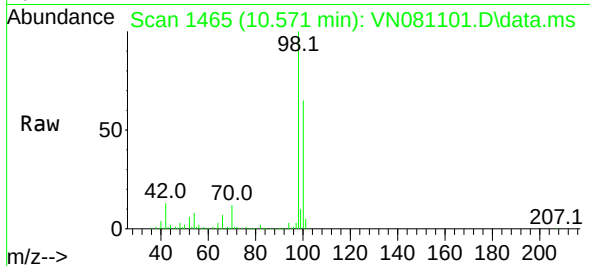




#50
Toluene-d8
Concen: 47.592 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081101.D
Acq: 20 Feb 2024 16:17

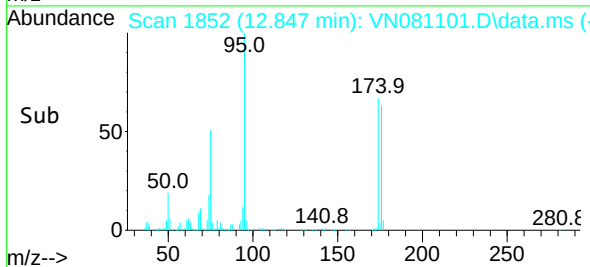
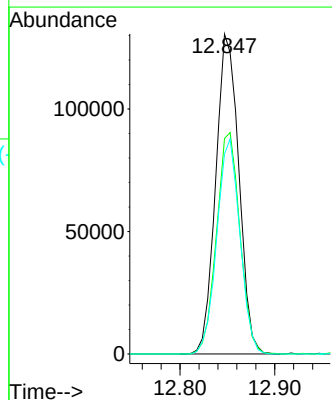
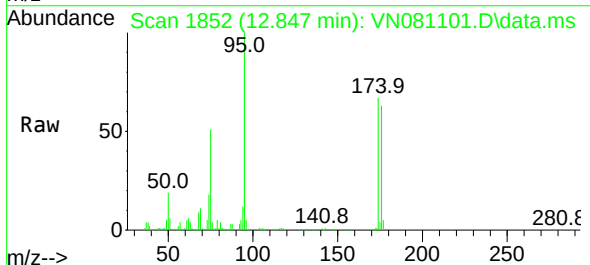
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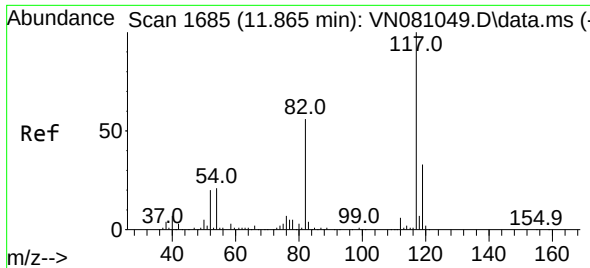
Tgt Ion: 98 Resp: 606678
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.209 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081101.D
Acq: 20 Feb 2024 16:17

Tgt Ion: 95 Resp: 221334
Ion Ratio Lower Upper
95 100
174 70.3 0.0 120.4
176 66.9 0.0 121.0

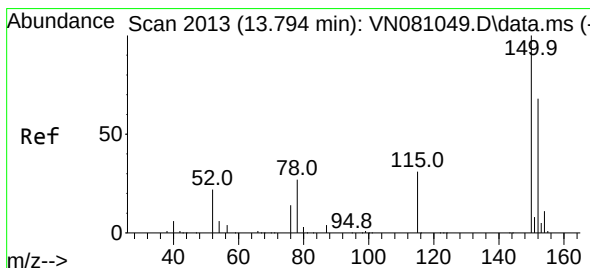
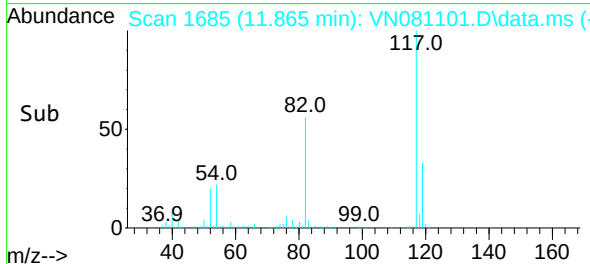
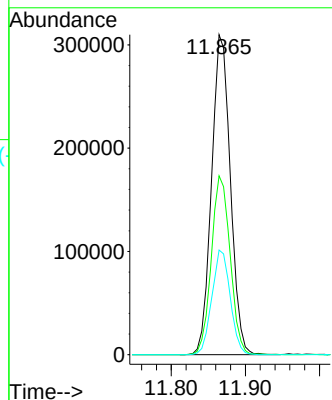
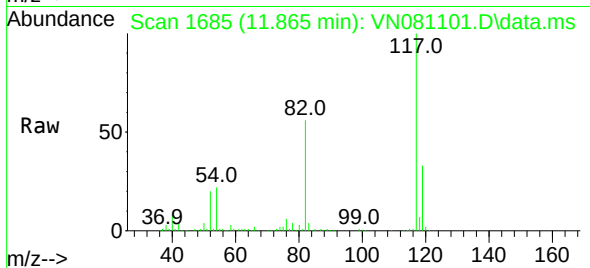




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081101.D
Acq: 20 Feb 2024 16:17

Instrument :
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Tgt Ion:117 Resp: 545883
Ion Ratio Lower Upper
117 100
82 55.9 52.7 79.1
119 32.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081101.D
Acq: 20 Feb 2024 16:17

Tgt Ion:152 Resp: 227798
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 156.4 0.0 339.8

