

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081140.D
 Acq On : 22 Feb 2024 17:11
 Operator : JC\MD
 Sample : P1539-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20241104-AMENDED-COMPOSITE-35N-N-4-03

Quant Time: Feb 23 04:28:40 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)

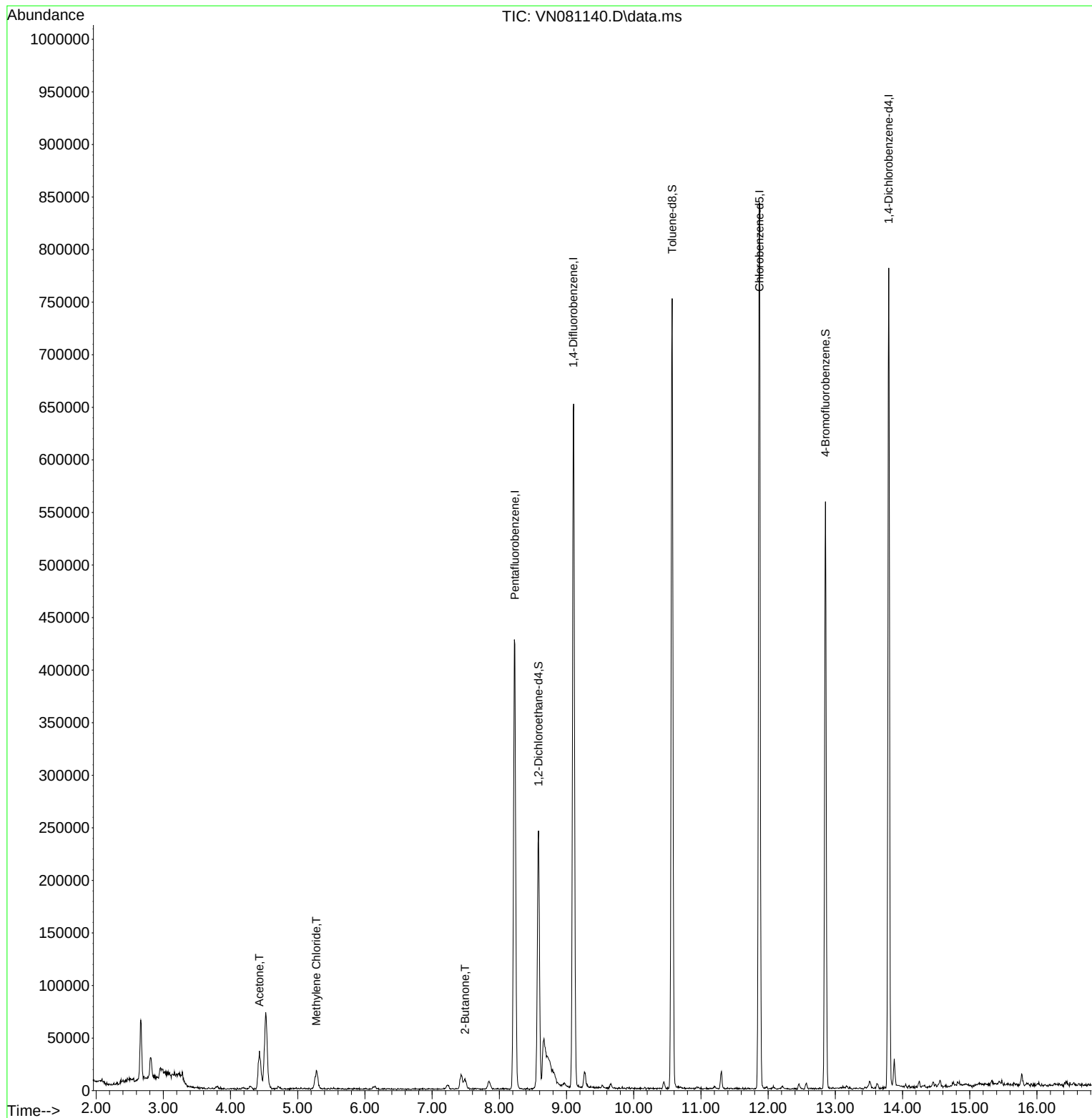
Internal Standards						
1) Pentafluorobenzene	8.230	168	304531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	572171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	488516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	194013	51.977	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.960%
35) Dibromofluoromethane	8.171	113	134	0.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.080%#
50) Toluene-d8	10.571	98	517378	45.023	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.040%
62) 4-Bromofluorobenzene	12.853	95	190487	44.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.240%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	67151	45.720	ug/l	92
20) Methylene Chloride	5.277	84	12723	2.465	ug/l	92
25) 2-Butanone	7.489	43	15325	6.459	ug/l	94

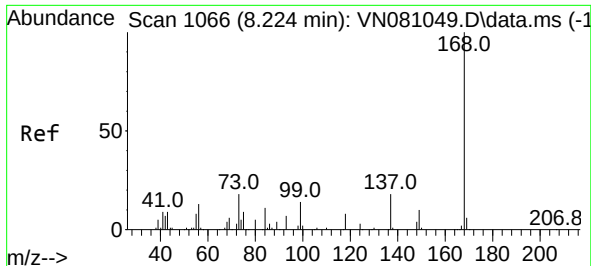
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081140.D
Acq: 22 Feb 2024 17:11

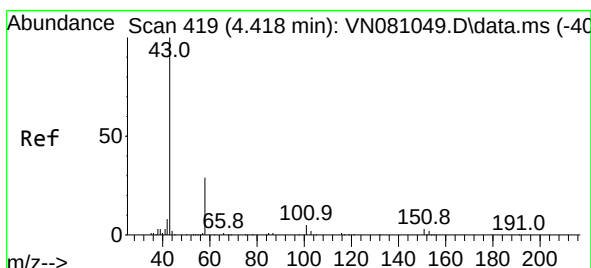
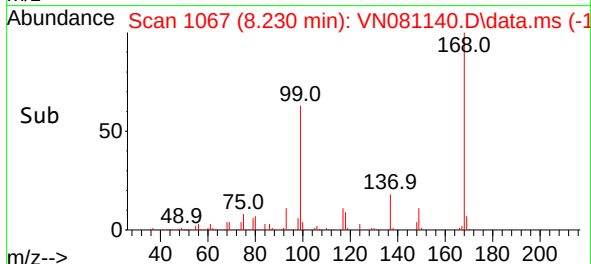
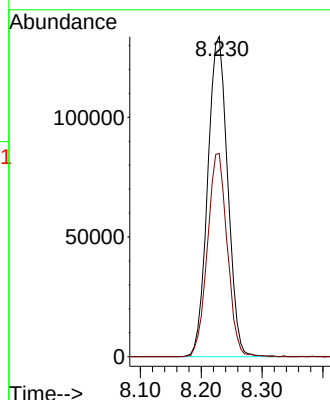
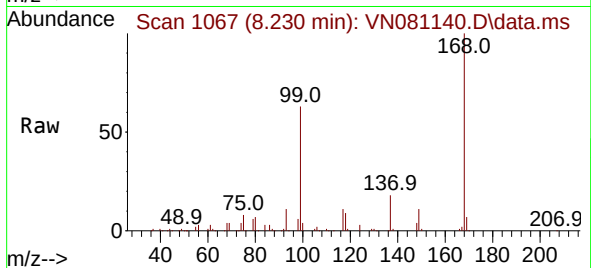
Instrument :

MSVOA_N

ClientSampleId :

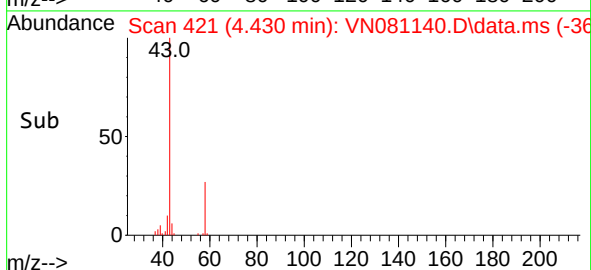
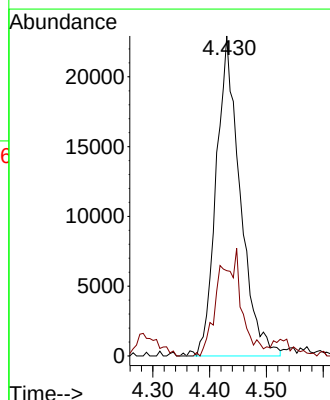
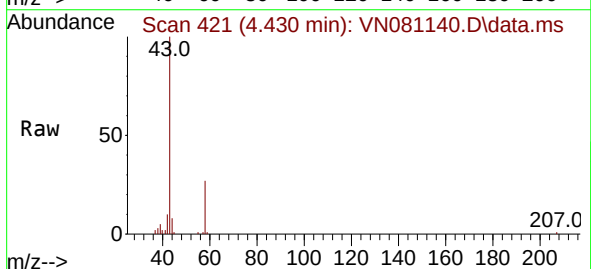
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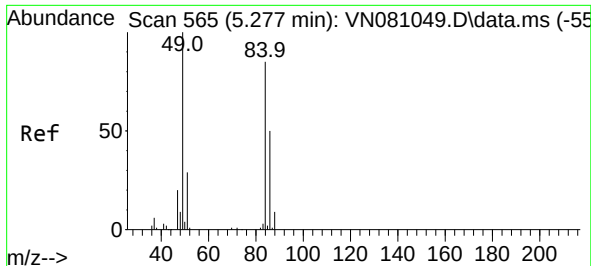
Tgt Ion:168 Resp: 304531
Ion Ratio Lower Upper
168 100
99 63.5 59.9 89.9



#16
Acetone
Concen: 45.720 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081140.D
Acq: 22 Feb 2024 17:11

Tgt Ion: 43 Resp: 67151
Ion Ratio Lower Upper
43 100
58 26.7 24.8 37.2





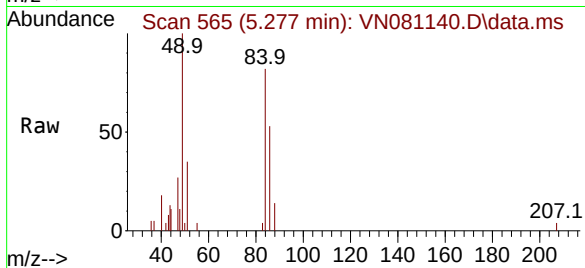
#20
Methylene Chloride
Concen: 2.465 ug/l
RT: 5.277 min Scan# 501
Delta R.T. -0.000 min
Lab File: VN081140.D
Acq: 22 Feb 2024 17:11

Instrument :

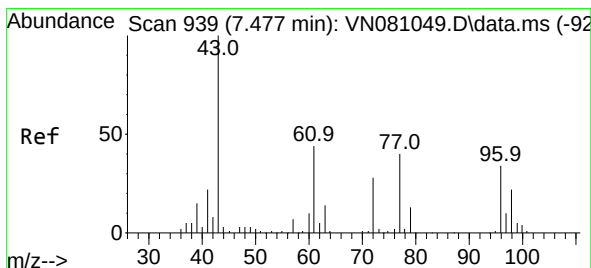
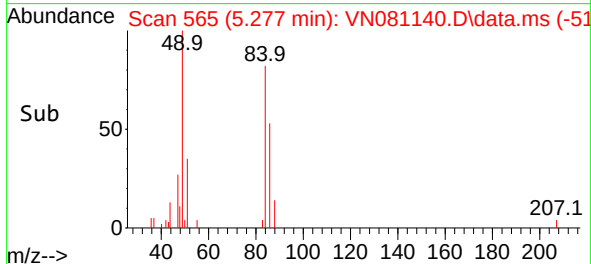
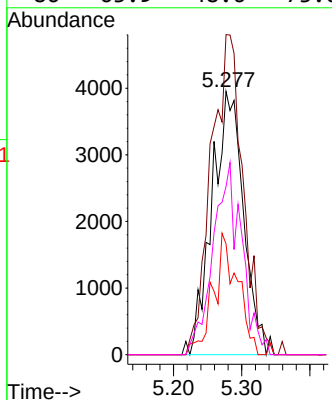
MSVOA_N

ClientSampleId :

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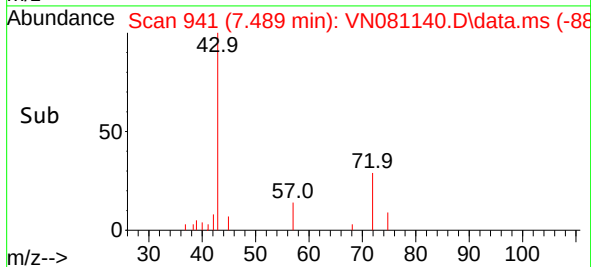
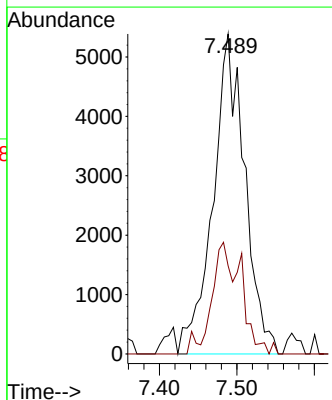
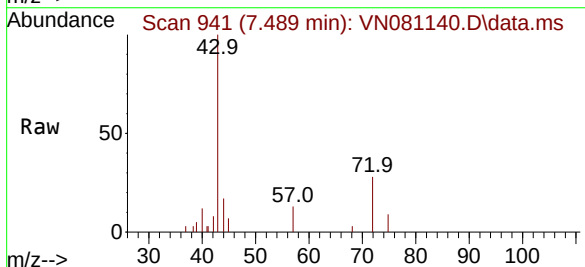


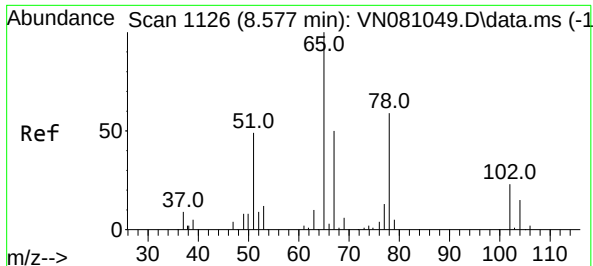
Tgt Ion:	84	Resp:	12723
Ion	Ratio	Lower	Upper
84	100		
49	121.6	108.1	162.1
51	42.1	32.9	49.3
86	63.9	48.6	73.0



#25
2-Butanone
Concen: 6.459 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081140.D
Acq: 22 Feb 2024 17:11

Tgt Ion:	43	Resp:	15325
Ion	Ratio	Lower	Upper
43	100		
72	27.5	19.5	29.3





#33

1,2-Dichloroethane-d4

Concen: 51.977 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081140.D

Acq: 22 Feb 2024 17:11

Instrument :

MSVOA_N

ClientSampleId :

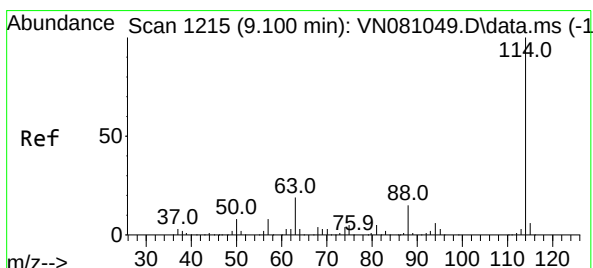
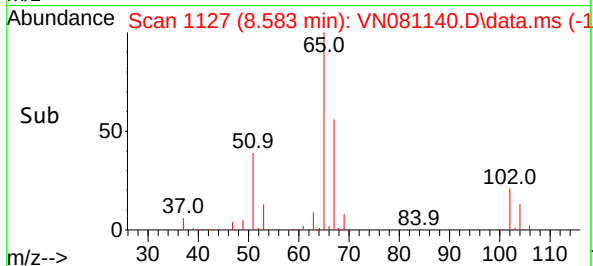
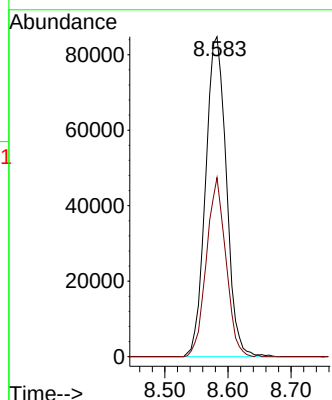
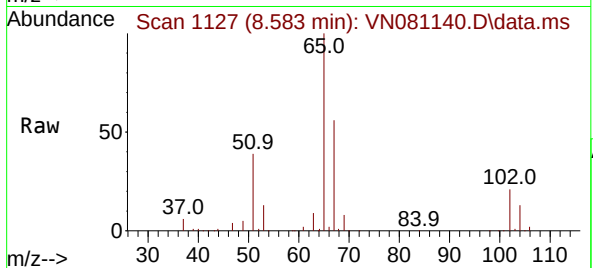
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Tgt Ion: 65 Resp: 194013

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081140.D

Acq: 22 Feb 2024 17:11

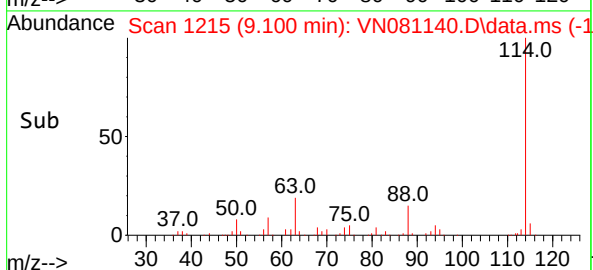
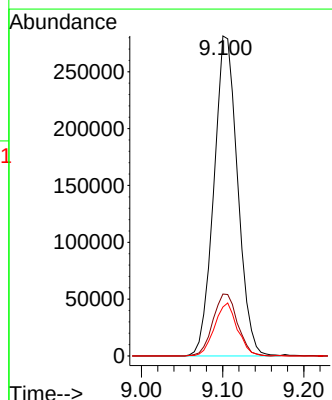
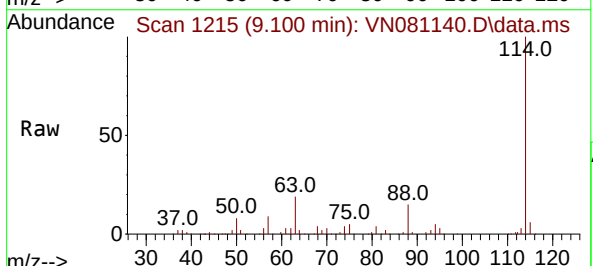
Tgt Ion: 114 Resp: 572171

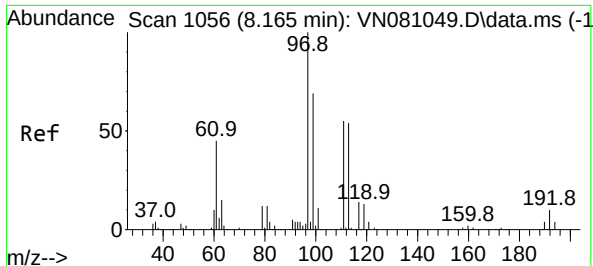
Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 15.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 0.041 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081140.D

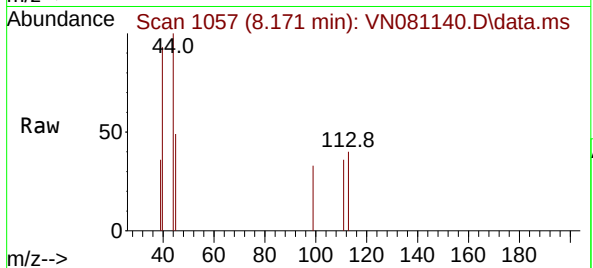
Acq: 22 Feb 2024 17:11

Instrument :

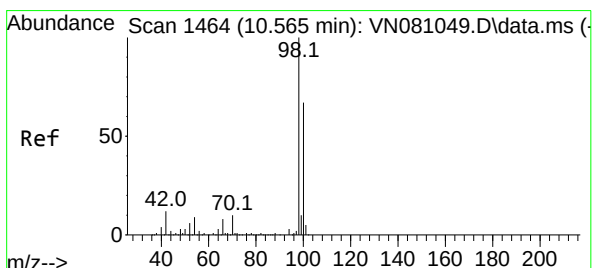
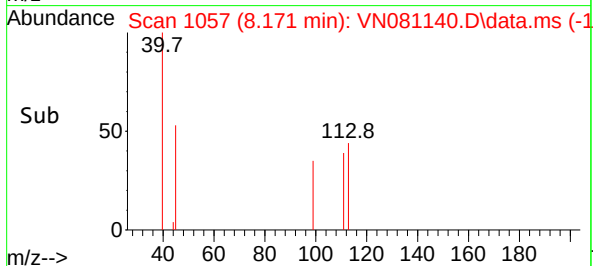
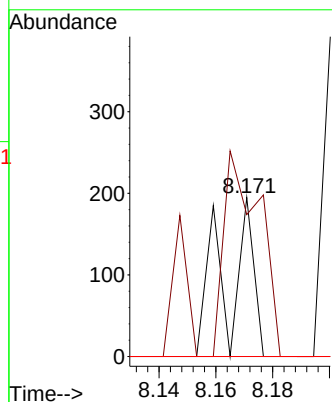
MSVOA_N

ClientSampleId :

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Tgt Ion:	113	Resp:	134
Ion	Ratio	Lower	Upper
113	100		
111	164.2	82.2	123.4#
192	0.0	12.5	18.7#



#50

Toluene-d8

Concen: 45.023 ug/l

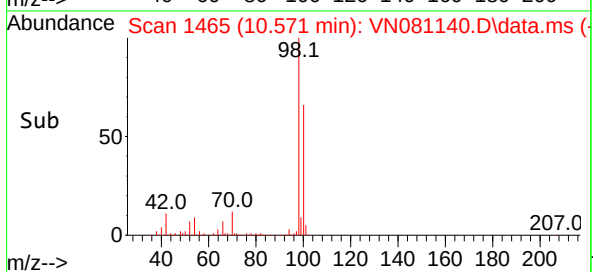
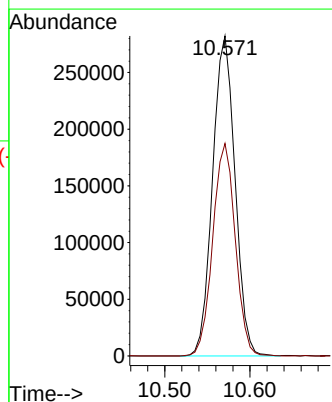
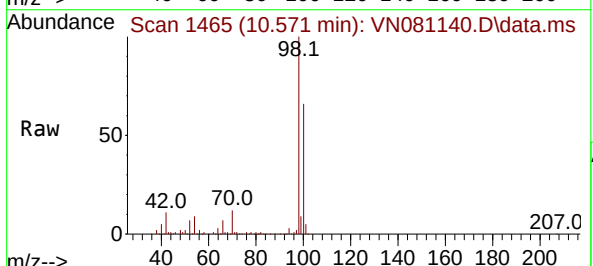
RT: 10.571 min Scan# 1465

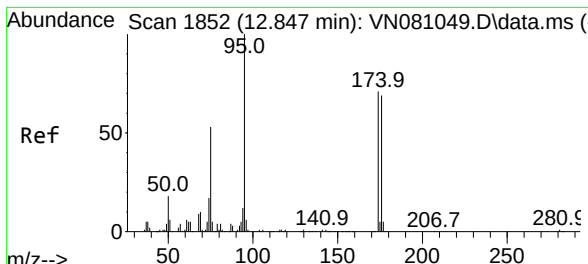
Delta R.T. 0.006 min

Lab File: VN081140.D

Acq: 22 Feb 2024 17:11

Tgt Ion:	98	Resp:	517378
Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.4	77.0

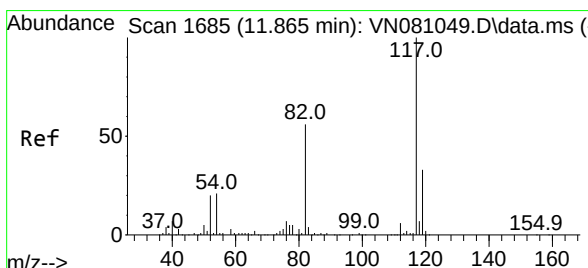
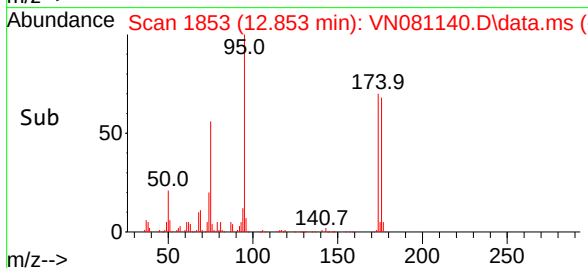
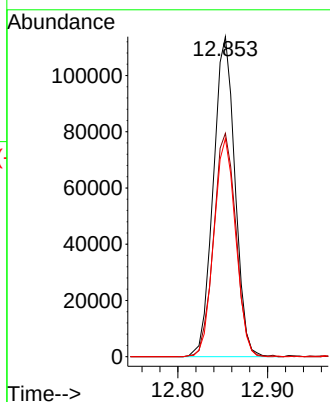
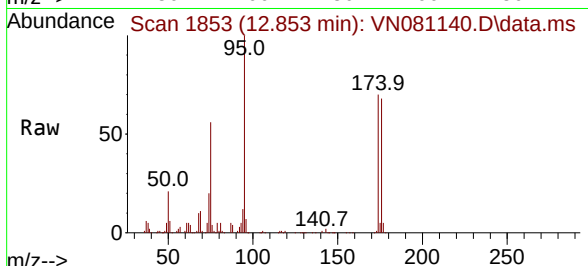




#62
4-Bromofluorobenzene
Concen: 44.115 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081140.D
Acq: 22 Feb 2024 17:11

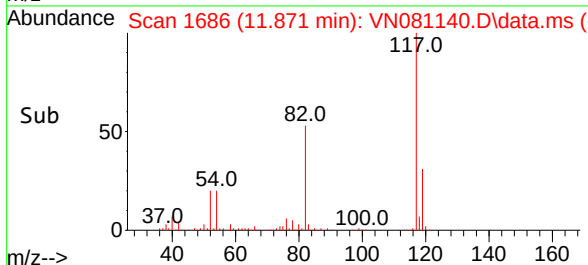
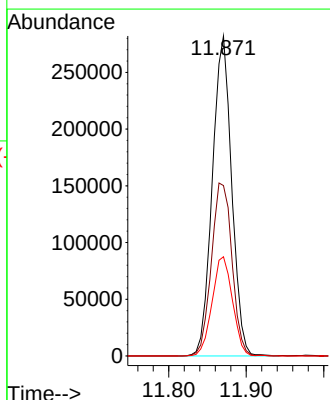
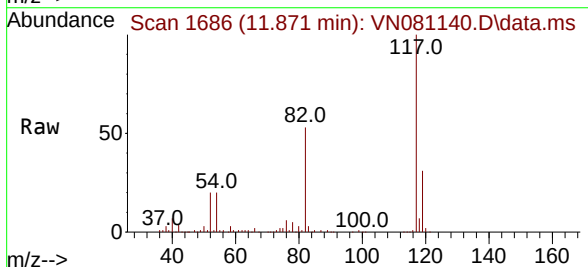
Instrument : MSVOA_N
ClientSampleId : 20241104-AMENDED-COMPOSITE-35N-N-4-03

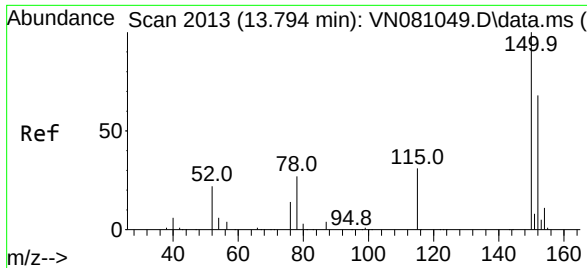
Tgt Ion:	95	Resp:	190487
Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	120.4
176	68.6	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081140.D
Acq: 22 Feb 2024 17:11

Tgt Ion:	117	Resp:	488516
Ion	Ratio	Lower	Upper
117	100		
82	53.3	52.7	79.1
119	31.0	25.3	37.9





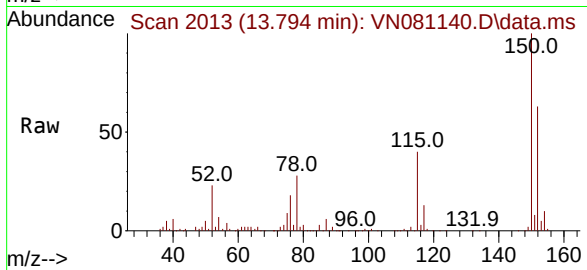
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081140.D
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Tgt Ion:152 Resp: 198290
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 158.8 0.0 339.8

