

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081200.D
 Acq On : 26 Feb 2024 17:16
 Operator : JC\MD
 Sample : P1533-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20240219

Quant Time: Feb 27 04:10:02 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)

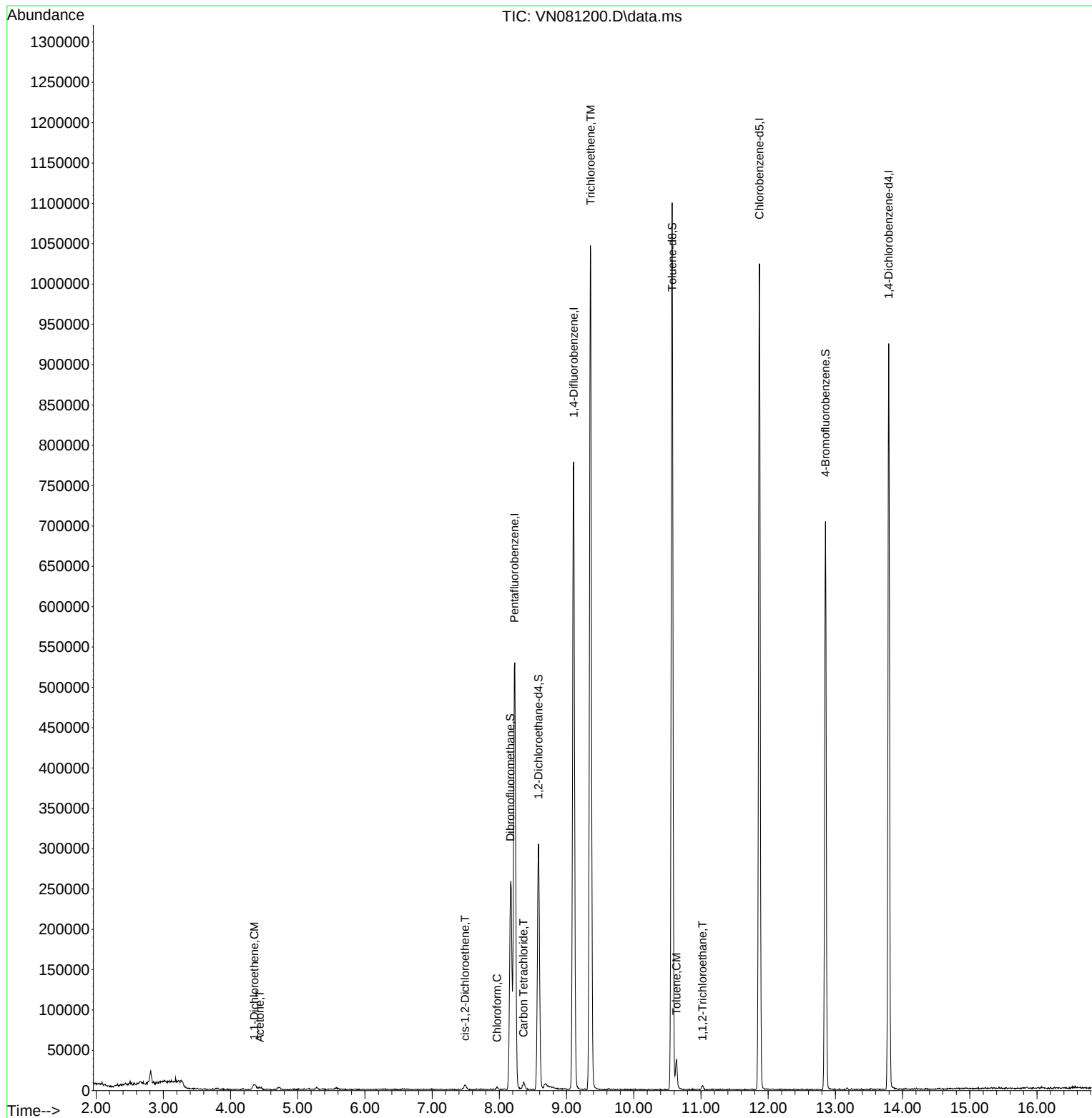
Internal Standards						
1) Pentafluorobenzene	8.224	168	364094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	680591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	577273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	241990	54.224	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.440%	
35) Dibromofluoromethane	8.165	113	188918	49.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.180%	
50) Toluene-d8	10.571	98	749995	54.868	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.740%	
62) 4-Bromofluorobenzene	12.853	95	241384	46.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.353	96	2900	0.704	ug/l #	55
16) Acetone	4.436	43	5088	2.897	ug/l	93
27) cis-1,2-Dichloroethene	7.488	96	3559	0.667	ug/l	75
30) Chloroform	7.965	83	2060	0.242	ug/l #	75
38) Carbon Tetrachloride	8.359	117	6448	0.967	ug/l #	90
44) Trichloroethene	9.359	130	365896	71.984	ug/l	97
52) Toluene	10.635	92	15101	1.250	ug/l	99
55) 1,1,2-Trichloroethane	11.024	97	2144	0.461	ug/l #	79

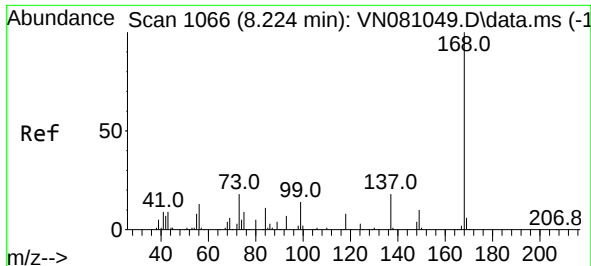
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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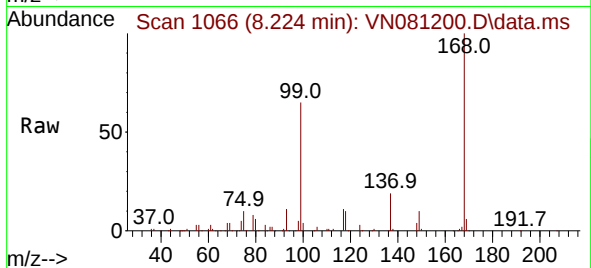
Quant Time: Feb 27 04:10:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration



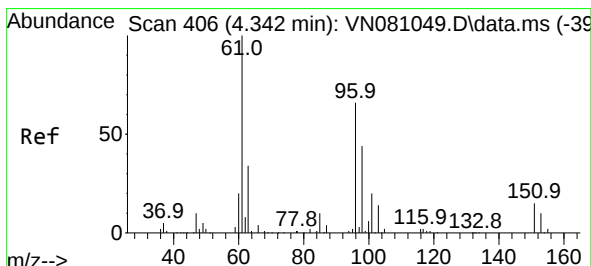
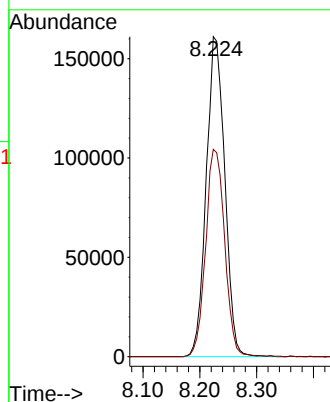
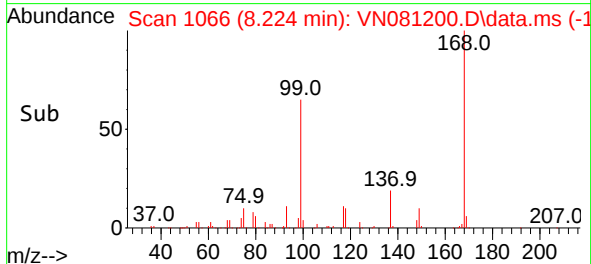


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081200.D
Acq: 26 Feb 2024 17:16

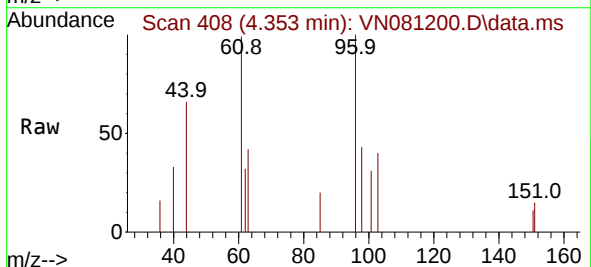
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20240219



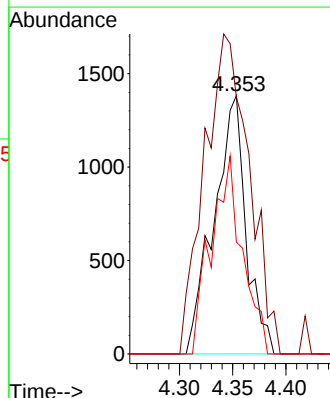
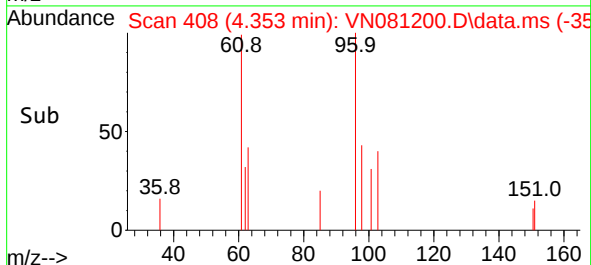
Tgt Ion:168 Resp: 364094
Ion Ratio Lower Upper
168 100
99 64.8 59.9 89.9

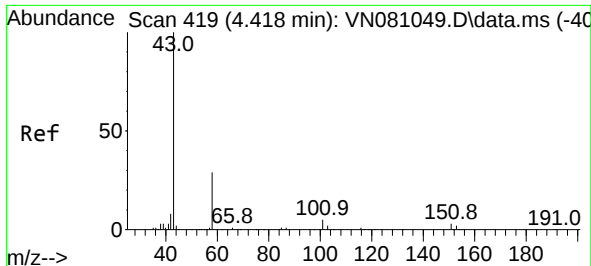


#12
1,1-Dichloroethene
Concen: 0.704 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN081200.D
Acq: 26 Feb 2024 17:16



Tgt Ion: 96 Resp: 2900
Ion Ratio Lower Upper
96 100
61 99.5 138.2 207.4#
98 43.3 49.2 73.8#

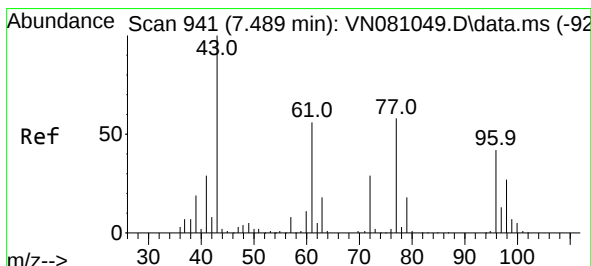
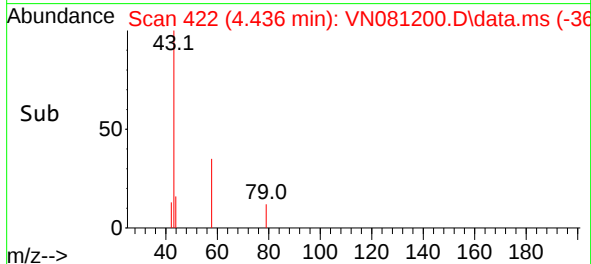
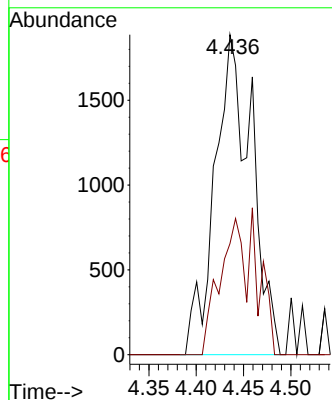
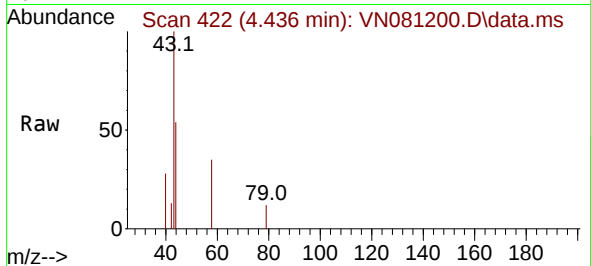




#16
Acetone
Concen: 2.897 ug/l
RT: 4.436 min Scan# 419
Delta R.T. 0.018 min
Lab File: VN081200.D
Acq: 26 Feb 2024 17:16

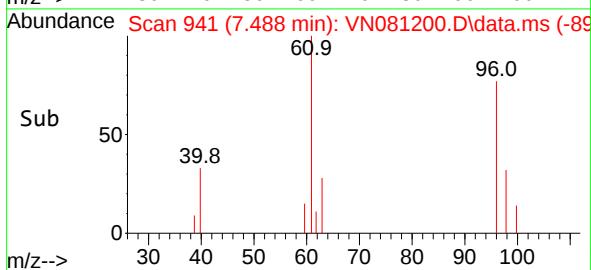
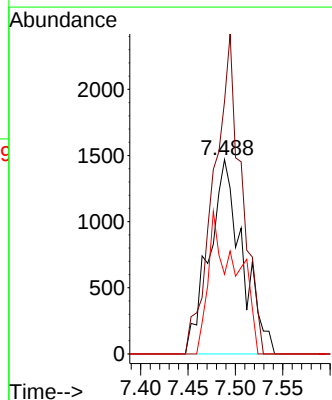
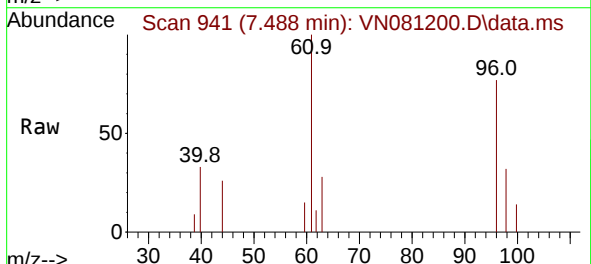
Instrument :
MSVOA_N
ClientSampleId :
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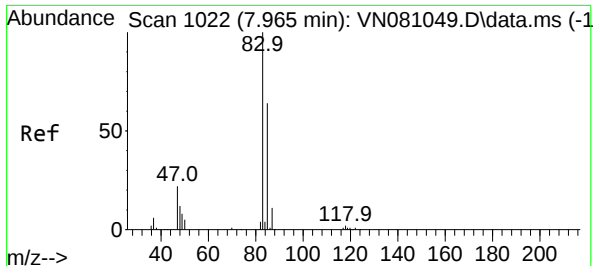
Tgt Ion: 43 Resp: 5088
Ion Ratio Lower Upper
43 100
58 34.7 24.8 37.2



#27
cis-1,2-Dichloroethene
Concen: 0.667 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081200.D
Acq: 26 Feb 2024 17:16

Tgt Ion: 96 Resp: 3559
Ion Ratio Lower Upper
96 100
61 138.7 0.0 325.4
98 31.6 0.0 130.4

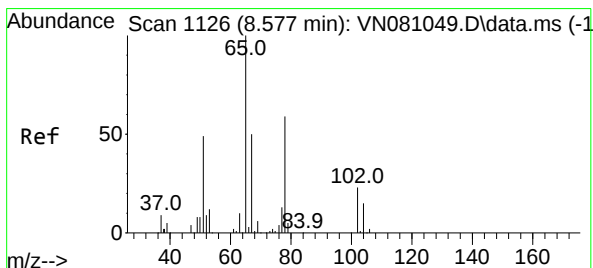
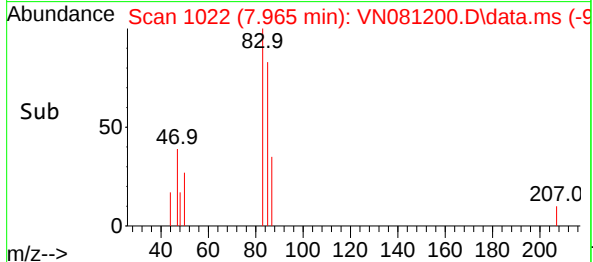
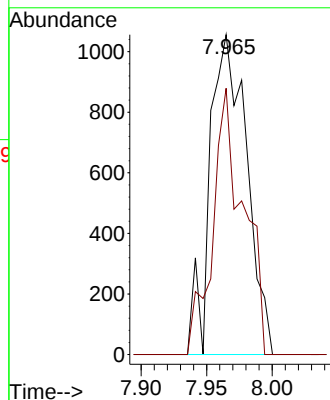
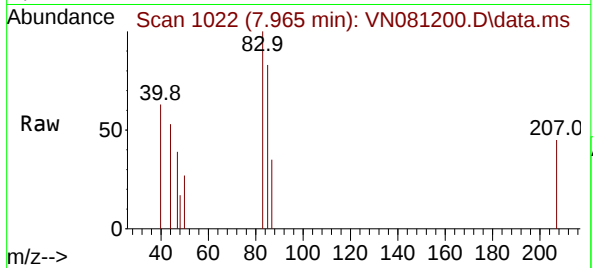




#30
Chloroform
Concen: 0.242 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081200.D
Acq: 26 Feb 2024 17:16

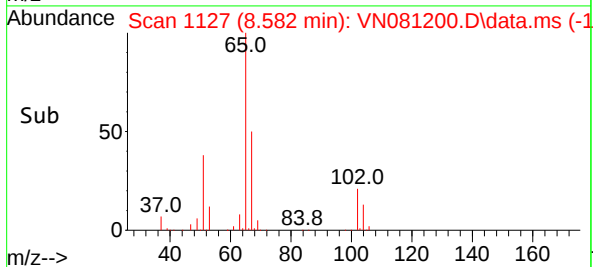
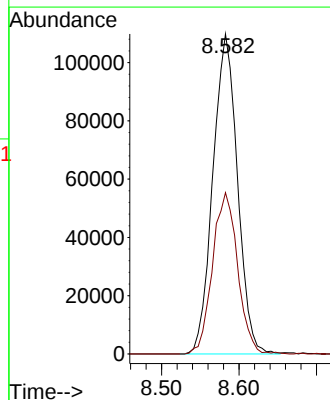
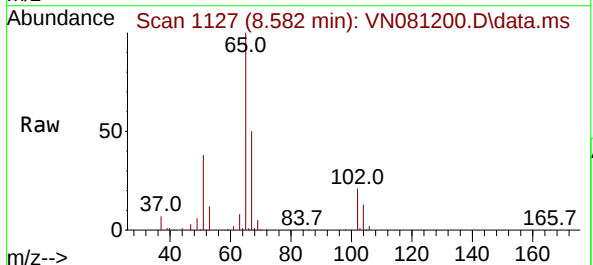
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20240219

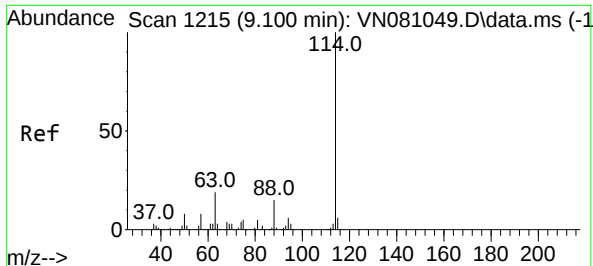
Tgt Ion: 83 Resp: 2060
Ion Ratio Lower Upper
83 100
85 83.2 51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 54.224 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081200.D
Acq: 26 Feb 2024 17:16

Tgt Ion: 65 Resp: 241990
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081200.D

Acq: 26 Feb 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20240219

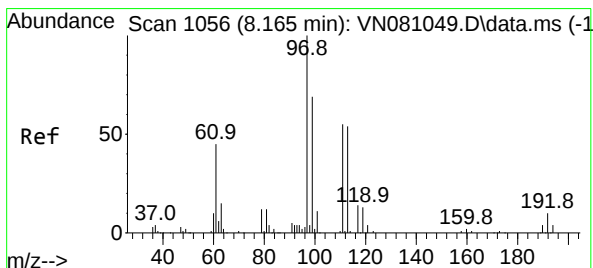
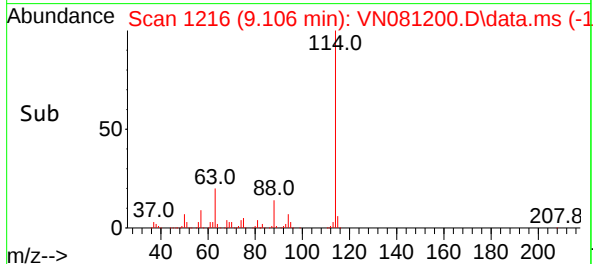
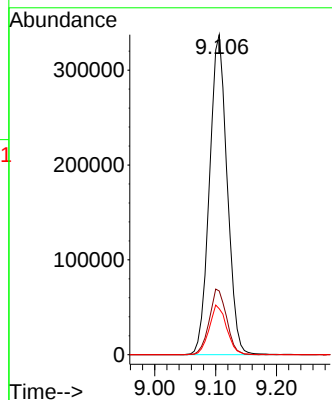
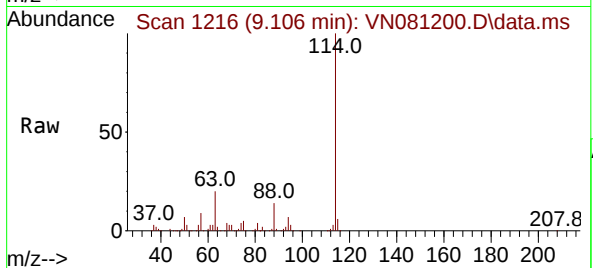
Tgt Ion:114 Resp: 680591

Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 14.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.088 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081200.D

Acq: 26 Feb 2024 17:16

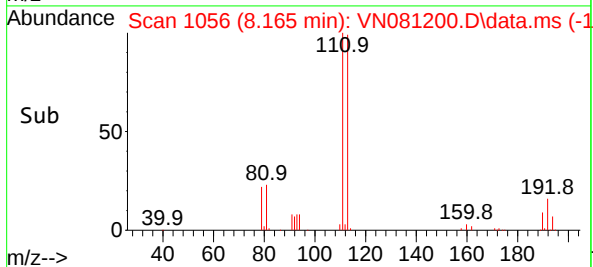
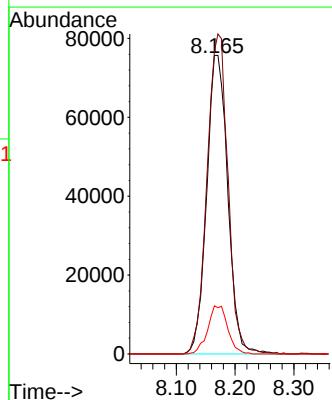
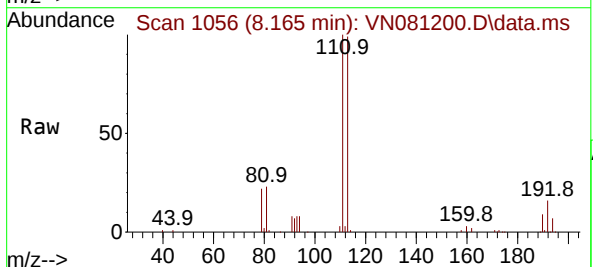
Tgt Ion:113 Resp: 188918

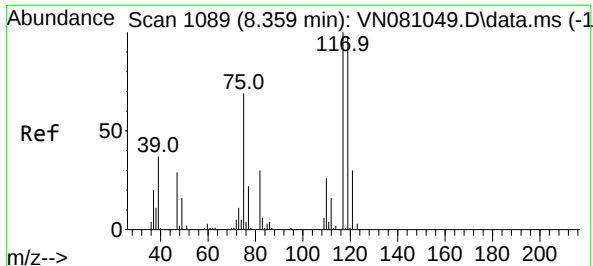
Ion Ratio Lower Upper

113 100

111 106.2 82.2 123.4

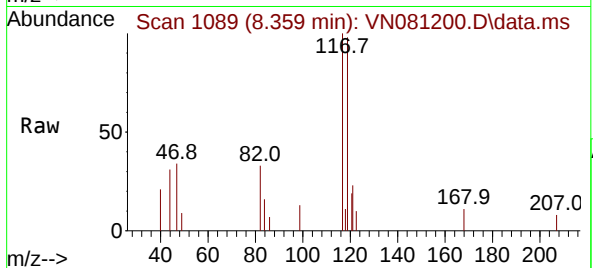
192 15.3 12.5 18.7



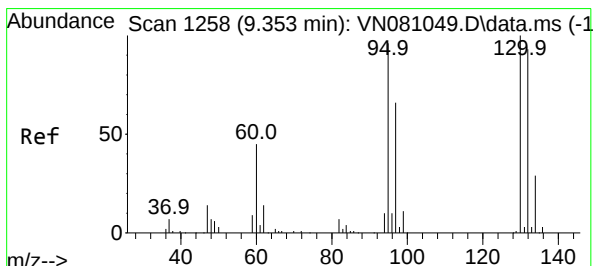
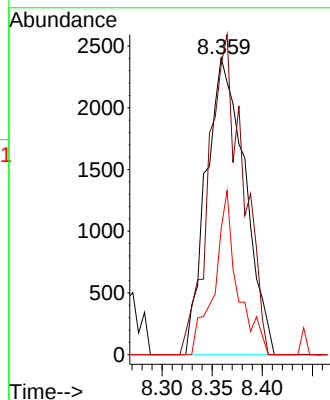
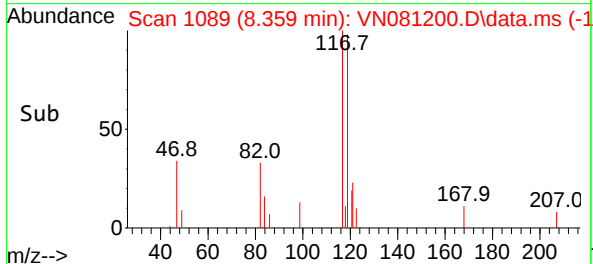


#38
Carbon Tetrachloride
Concen: 0.967 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN081200.D
Acq: 26 Feb 2024 17:16

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20240219

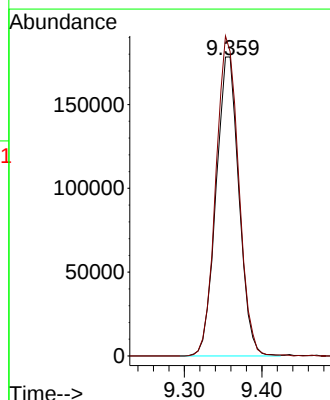
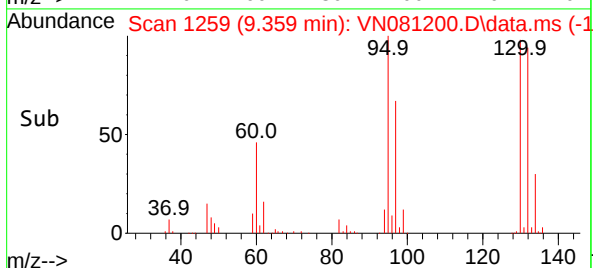
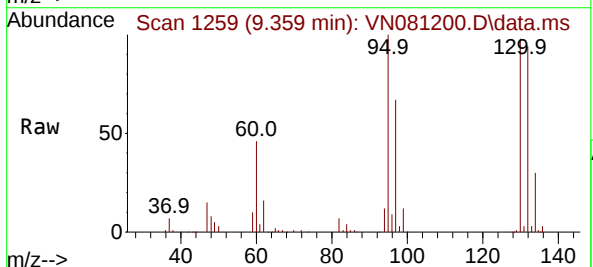


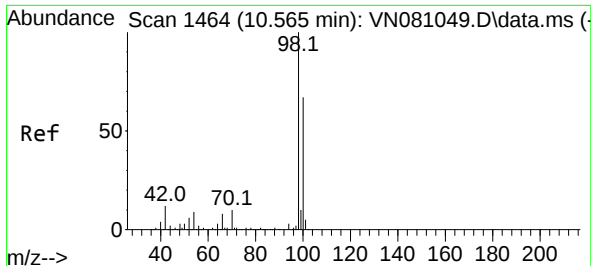
Tgt Ion:117 Resp: 6448
Ion Ratio Lower Upper
117 100
119 97.5 73.4 110.2
121 42.4 24.4 36.6#



#44
Trichloroethene
Concen: 71.984 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081200.D
Acq: 26 Feb 2024 17:16

Tgt Ion:130 Resp: 365896
Ion Ratio Lower Upper
130 100
95 101.8 0.0 210.4

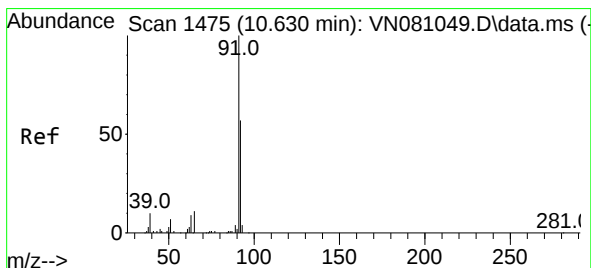
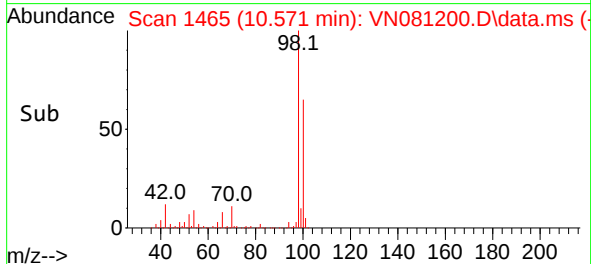
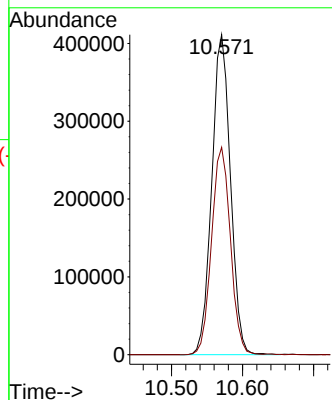
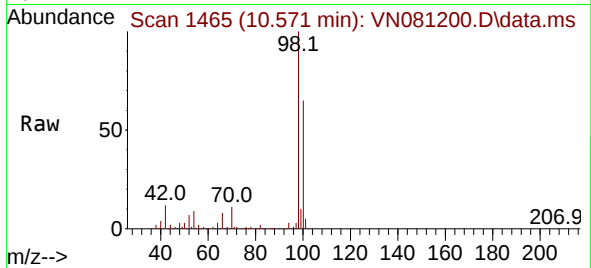




#50
Toluene-d8
Concen: 54.868 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081200.D
Acq: 26 Feb 2024 17:16

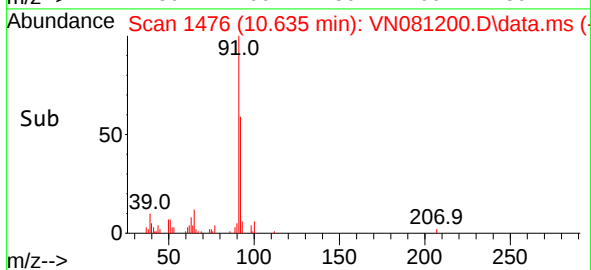
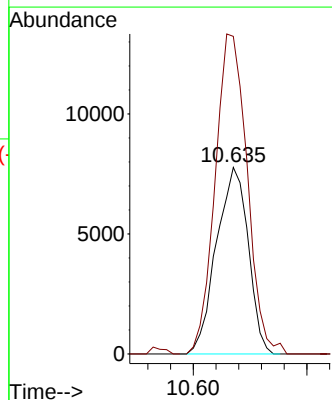
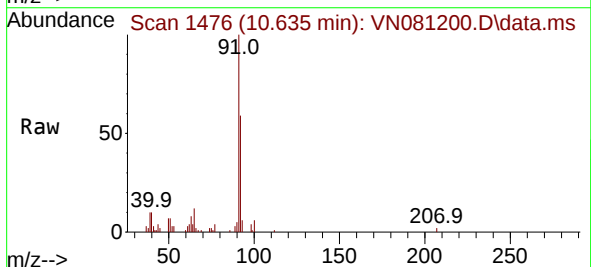
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MSVOA_N
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RE117D1-20240219

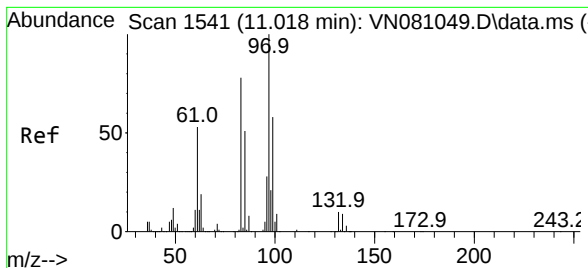
Tgt Ion: 98 Resp: 749995
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



#52
Toluene
Concen: 1.250 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081200.D
Acq: 26 Feb 2024 17:16

Tgt Ion: 92 Resp: 15101
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0

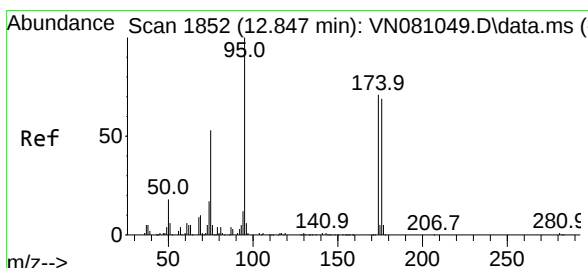
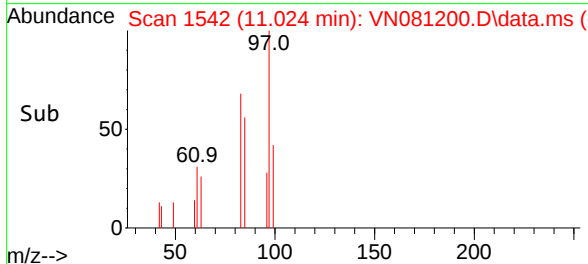
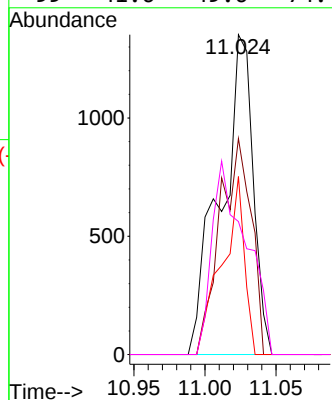
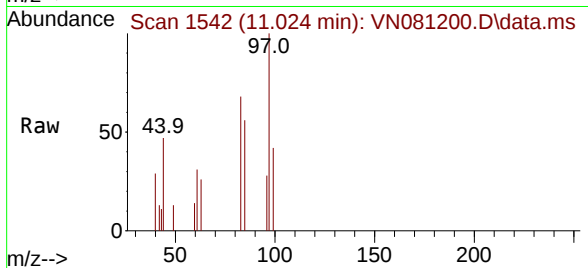




#55
 1,1,2-Trichloroethane
 Concen: 0.461 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN081200.D
 Acq: 26 Feb 2024 17:16

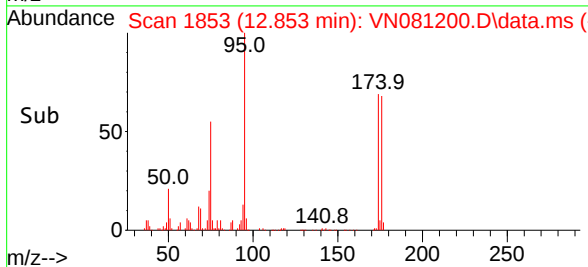
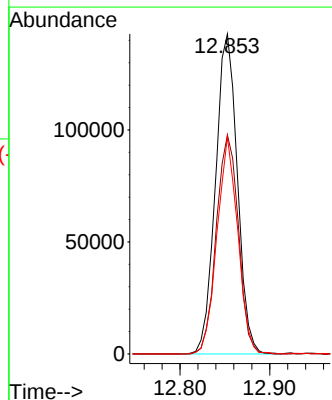
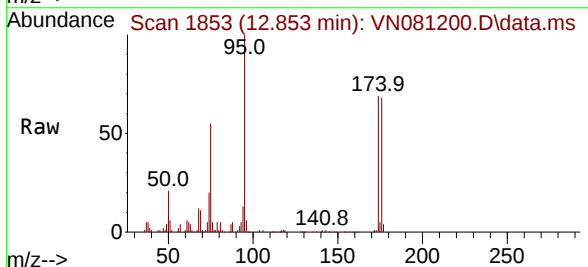
Instrument :
 MSVOA_N
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 RE117D1-20240219

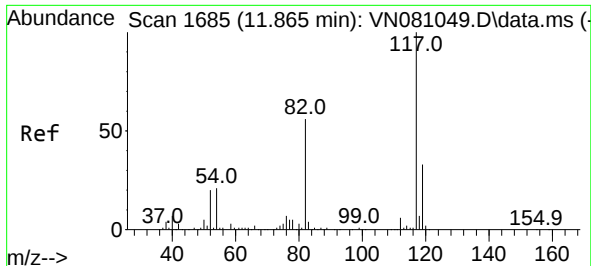
Tgt Ion:	97	Resp:	2144
Ion	Ratio	Lower	Upper
97	100		
83	67.5	72.9	109.3#
85	55.6	50.2	75.2
99	41.6	49.6	74.4#



#62
 4-Bromofluorobenzene
 Concen: 46.997 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN081200.D
 Acq: 26 Feb 2024 17:16

Tgt Ion:	95	Resp:	241384
Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	120.4
176	64.4	0.0	121.0

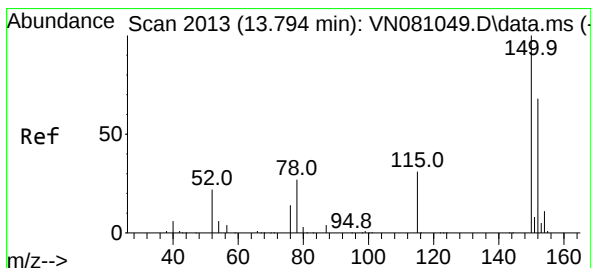
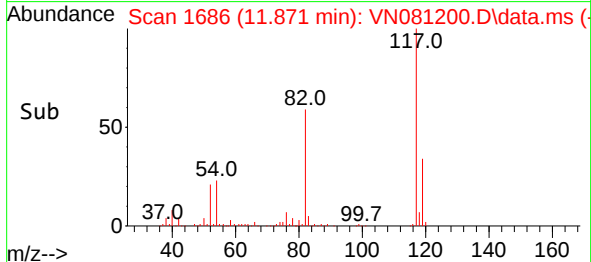
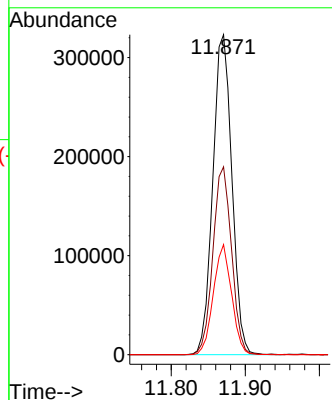
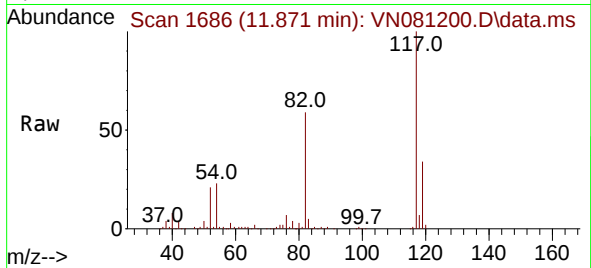




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081200.D
Acq: 26 Feb 2024 17:16

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20240219

Tgt Ion:117 Resp: 577273
Ion Ratio Lower Upper
117 100
82 58.7 52.7 79.1
119 34.4 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: VN081200.D
Acq: 26 Feb 2024 17:16

Tgt Ion:152 Resp: 225152
Ion Ratio Lower Upper
152 100
115 67.1 32.3 96.8
150 162.2 0.0 339.8

