

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081197.D
 Acq On : 26 Feb 2024 16:04
 Operator : JC\MD
 Sample : P1533-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D2-20240217

Quant Time: Feb 27 00:08:45 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)

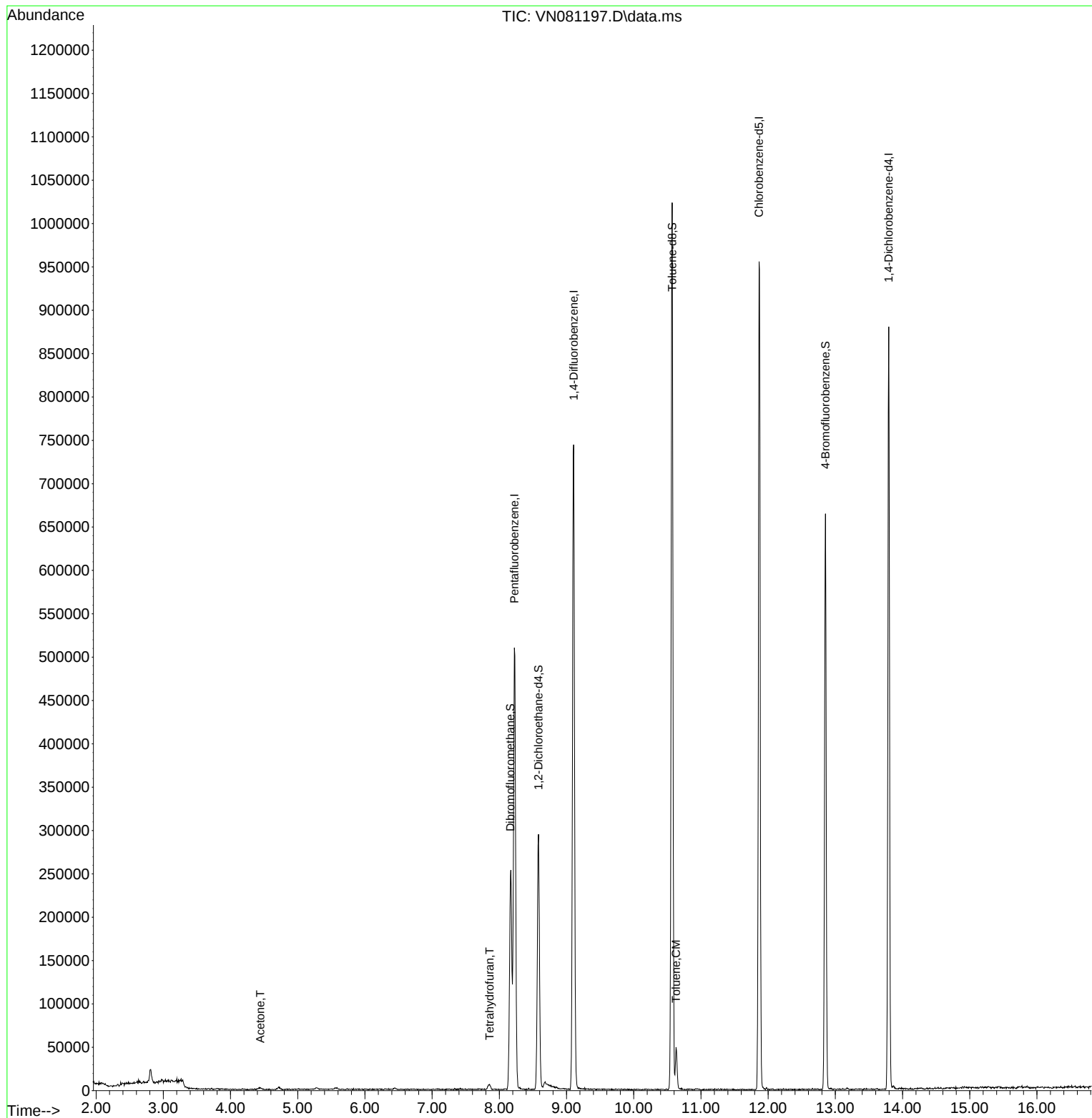
Internal Standards						
1) Pentafluorobenzene	8.224	168	353193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	565265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	233937	54.038	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.080%
35) Dibromofluoromethane	8.165	113	181232	48.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	10.571	98	702451	53.458	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.920%
62) 4-Bromofluorobenzene	12.853	95	232401	47.069	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.140%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	4227	2.481	ug/l #	77
29) Tetrahydrofuran	7.853	42	4856	2.643	ug/l #	87
52) Toluene	10.630	92	18196	1.567	ug/l	88

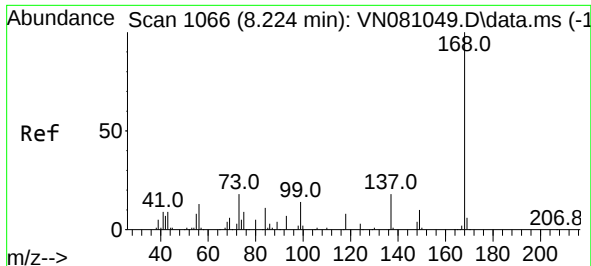
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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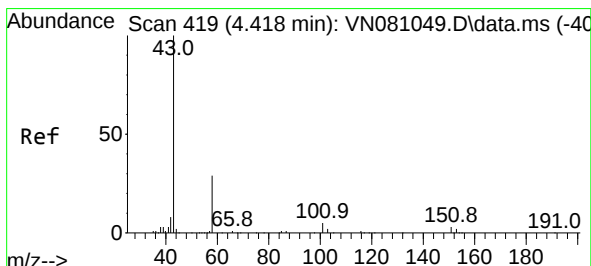
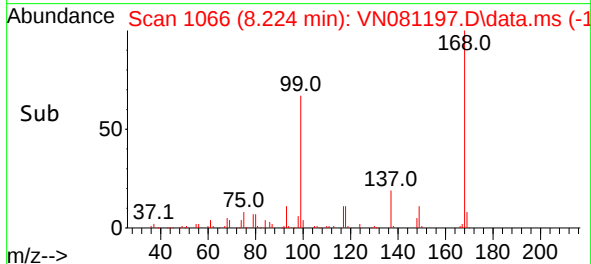
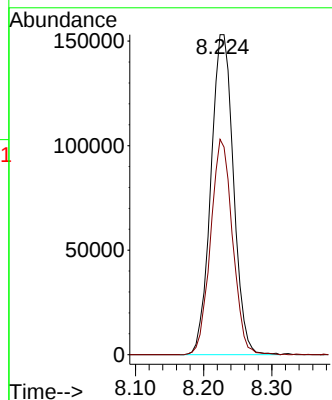
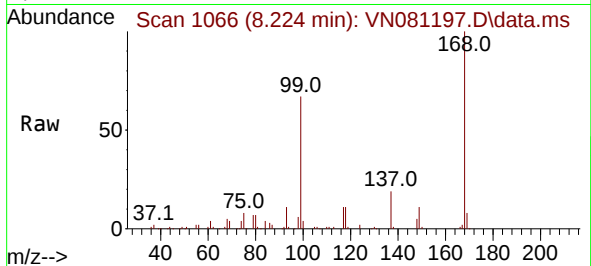




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081197.D
Acq: 26 Feb 2024 16:04

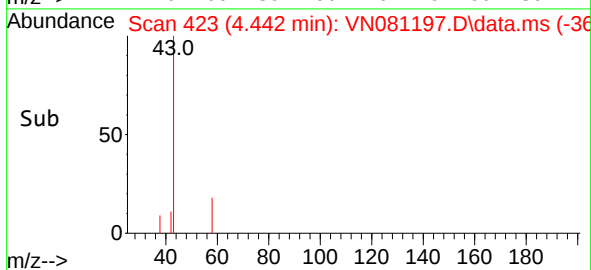
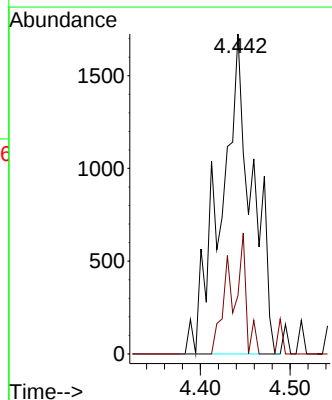
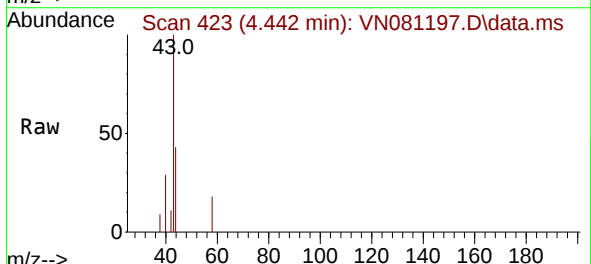
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D2-20240217

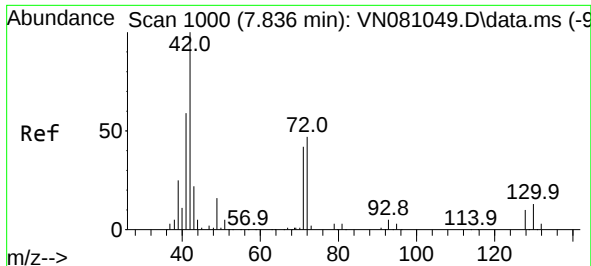
Tgt Ion:168 Resp: 353193
Ion Ratio Lower Upper
168 100
99 67.3 59.9 89.9



#16
Acetone
Concen: 2.481 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN081197.D
Acq: 26 Feb 2024 16:04

Tgt Ion: 43 Resp: 4227
Ion Ratio Lower Upper
43 100
58 18.3 24.8 37.2#





#29

Tetrahydrofuran

Concen: 2.643 ug/l

RT: 7.853 min Scan# 1107

Delta R.T. 0.018 min

Lab File: VN081197.D

Acq: 26 Feb 2024 16:04

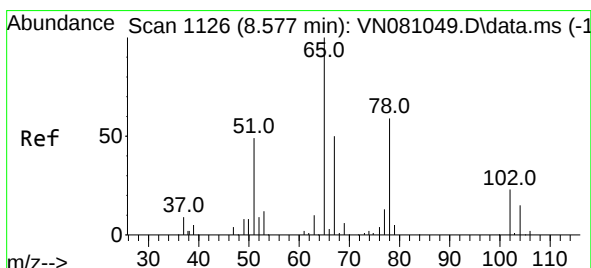
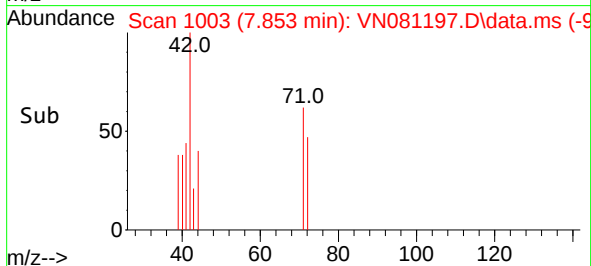
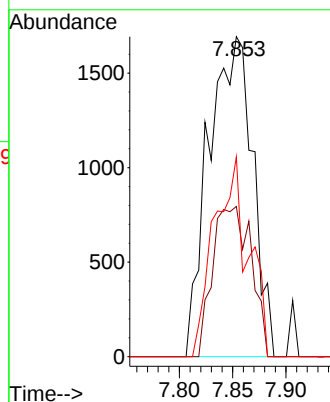
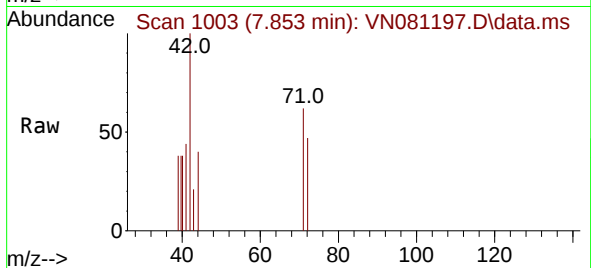
Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D2-20240217

Tgt Ion: 42	Resp: 4856
Ion Ratio	Lower Upper
42	100
72	41.2 31.1 46.7
71	48.7 28.3 42.5#



#33

1,2-Dichloroethane-d4

Concen: 54.038 ug/l

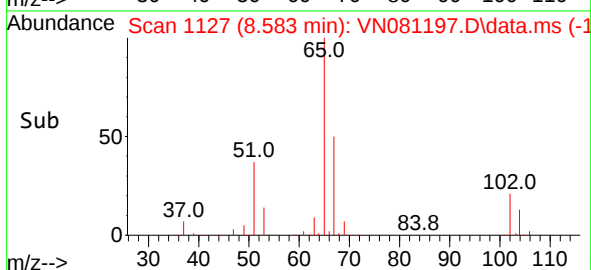
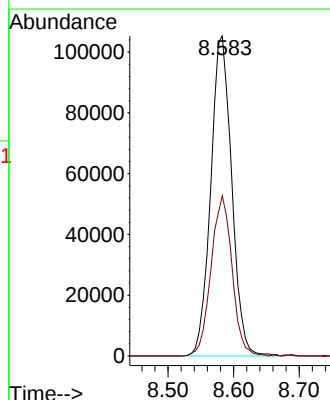
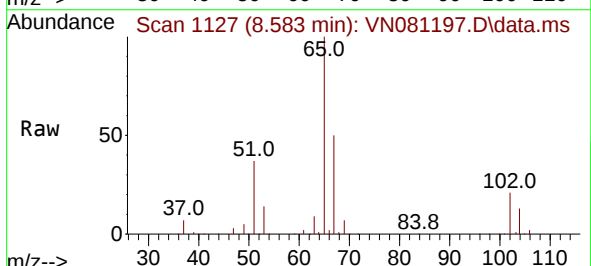
RT: 8.583 min Scan# 1127

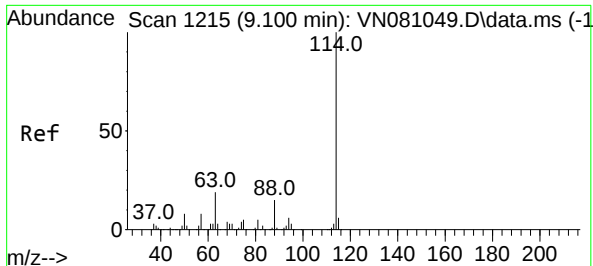
Delta R.T. 0.006 min

Lab File: VN081197.D

Acq: 26 Feb 2024 16:04

Tgt Ion: 65	Resp: 233937
Ion Ratio	Lower Upper
65	100
67	50.0 0.0 102.4

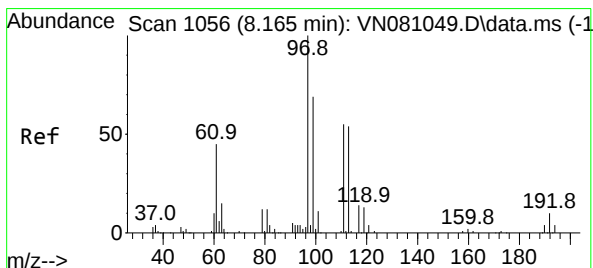
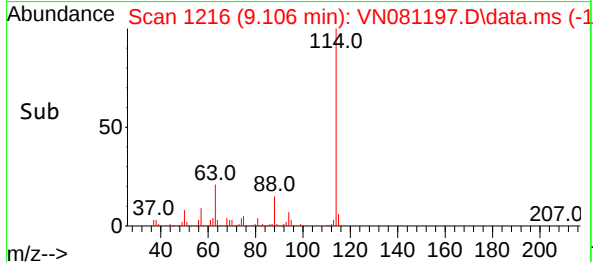
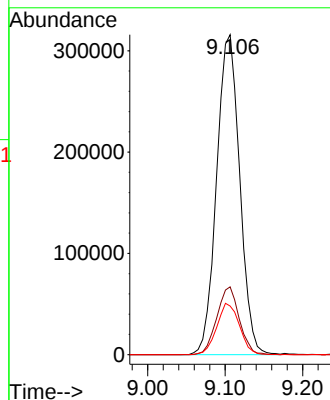
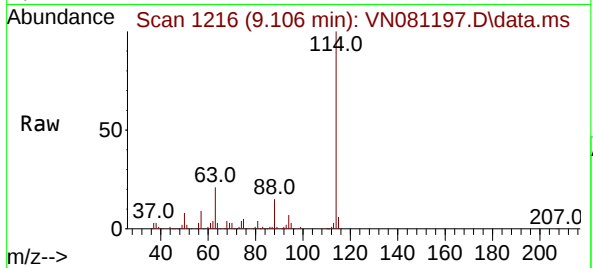




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081197.D
Acq: 26 Feb 2024 16:04

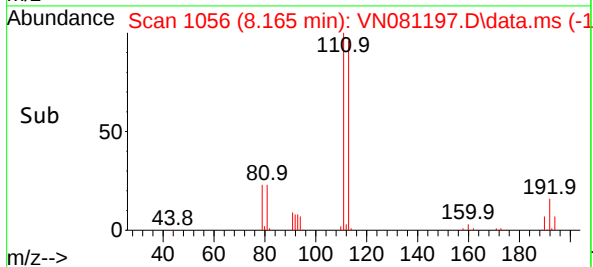
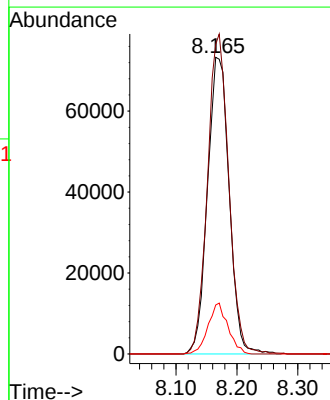
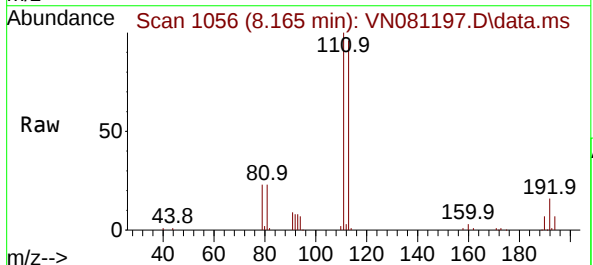
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D2-20240217

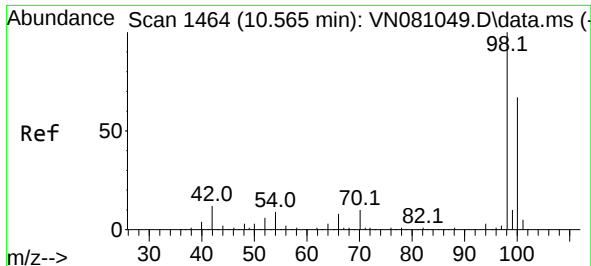
Tgt Ion:114 Resp: 654263
Ion Ratio Lower Upper
114 100
63 21.2 0.0 48.0
88 15.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.986 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081197.D
Acq: 26 Feb 2024 16:04

Tgt Ion:113 Resp: 181232
Ion Ratio Lower Upper
113 100
111 105.6 82.2 123.4
192 15.8 12.5 18.7

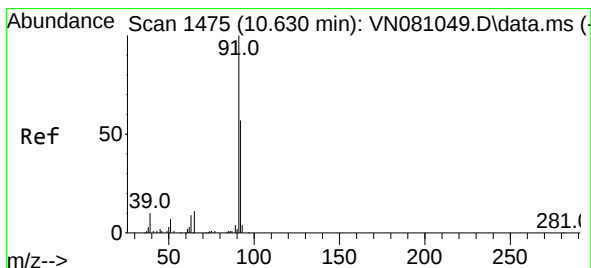
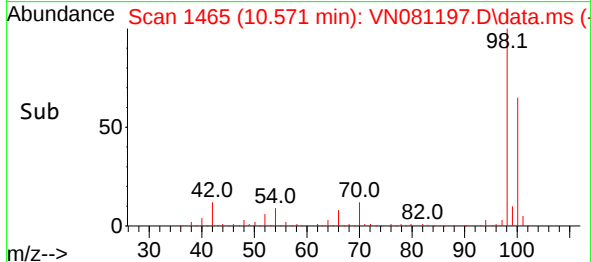
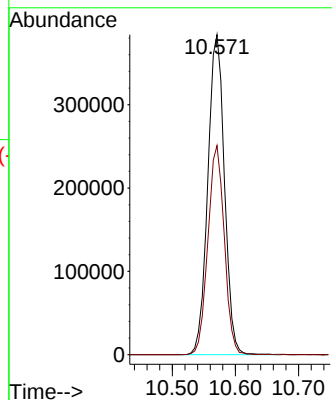
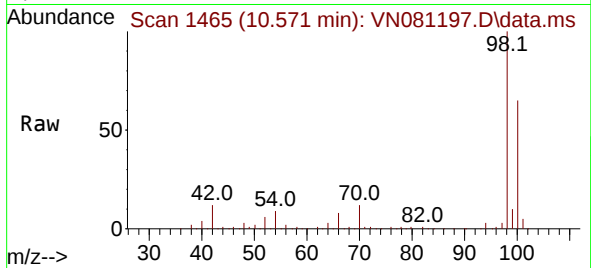




#50
Toluene-d8
Concen: 53.458 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081197.D
Acq: 26 Feb 2024 16:04

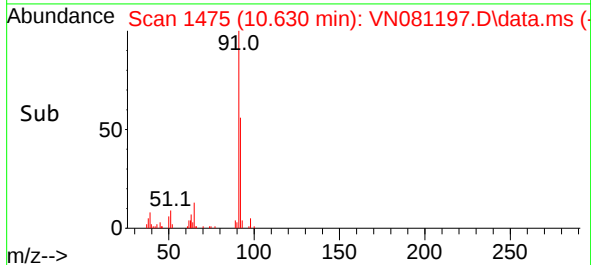
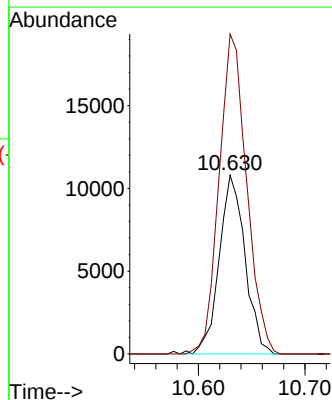
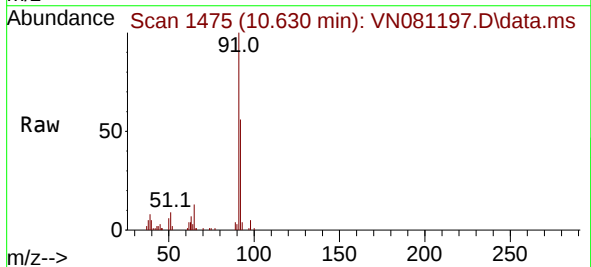
Instrument :
MSVOA_N
ClientSampleId :
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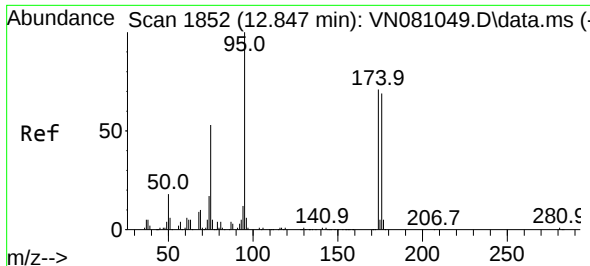
Tgt Ion: 98 Resp: 702451
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#52
Toluene
Concen: 1.567 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081197.D
Acq: 26 Feb 2024 16:04

Tgt Ion: 92 Resp: 18196
Ion Ratio Lower Upper
92 100
91 190.5 139.4 209.0

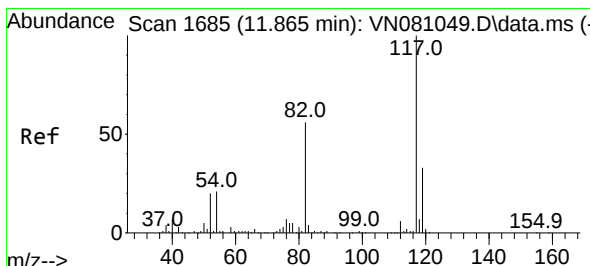
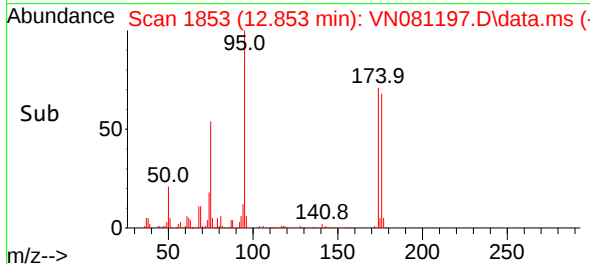
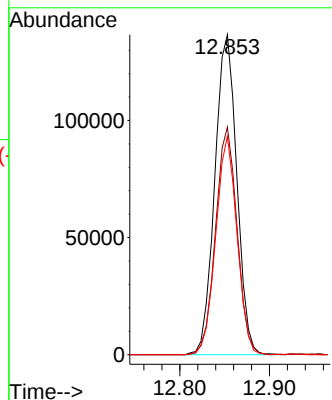
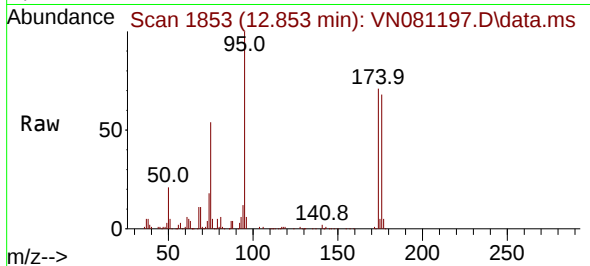




#62
4-Bromofluorobenzene
Concen: 47.069 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081197.D
Acq: 26 Feb 2024 16:04

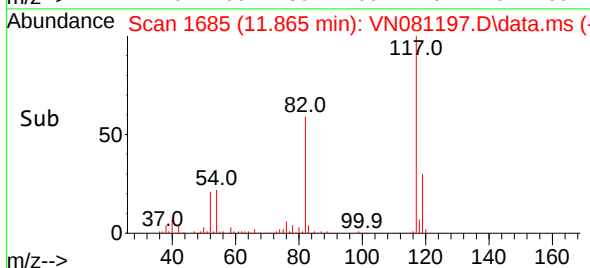
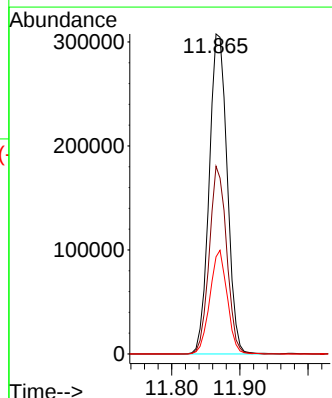
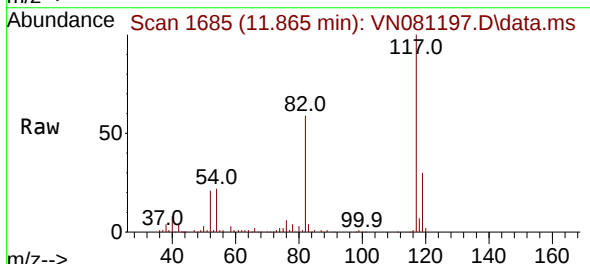
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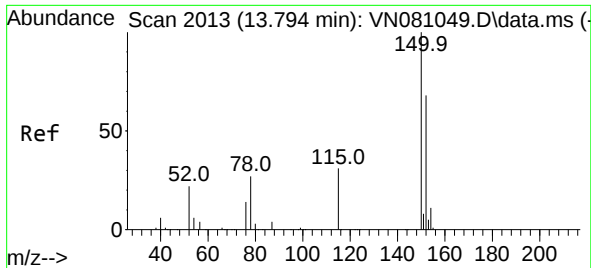
Tgt Ion:	95	Resp:	232401
Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	120.4
176	65.9	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081197.D
Acq: 26 Feb 2024 16:04

Tgt Ion:	117	Resp:	565265
Ion	Ratio	Lower	Upper
117	100		
82	58.7	52.7	79.1
119	30.3	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: VN081197.D

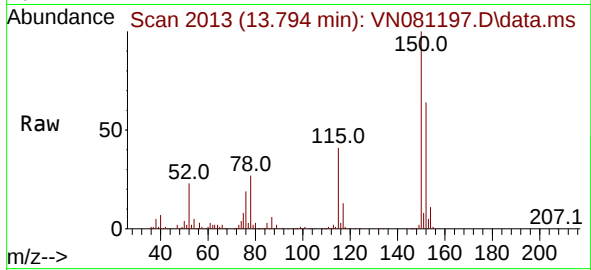
Acq: 26 Feb 2024 16:04

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D2-20240217



Tgt Ion:152 Resp: 224278

Ion Ratio Lower Upper

152 100

115 64.7 32.3 96.8

150 156.3 0.0 339.8

