

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080542.D
 Acq On : 20 Dec 2023 13:21
 Operator : JC\MD
 Sample : 05932-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-MW-07-121923

Quant Time: Dec 21 02:41:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

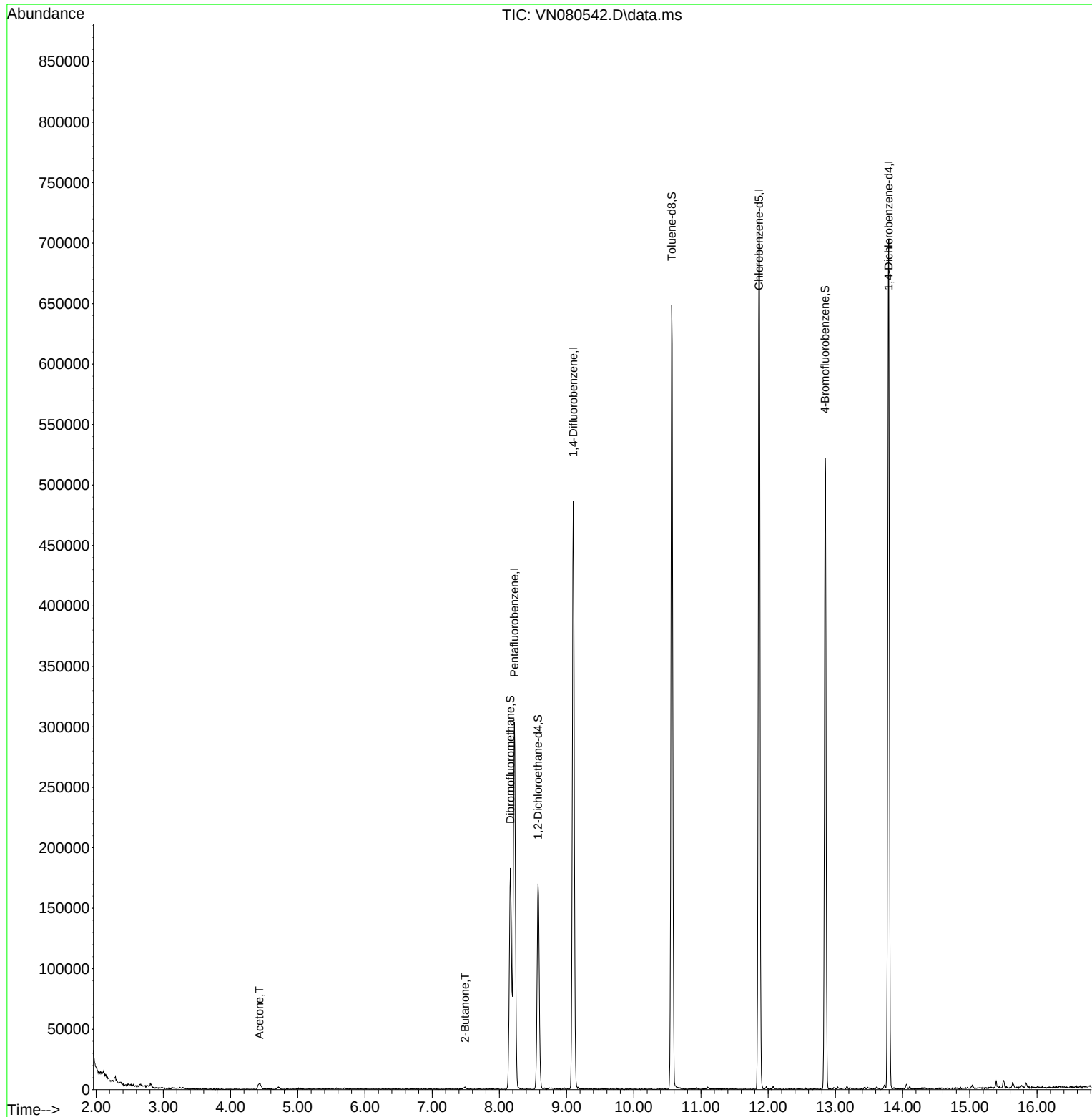
Internal Standards						
1) Pentafluorobenzene	8.224	168	213398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	408694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	425423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149693	54.922	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.840%
35) Dibromofluoromethane	8.165	113	127546	49.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.440%
50) Toluene-d8	10.565	98	456573	47.244	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.480%
62) 4-Bromofluorobenzene	12.847	95	184065	50.158	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.320%
Target Compounds						
16) Acetone	4.430	43	10110	20.920	ug/l #	87
25) 2-Butanone	7.489	43	2539	2.727	ug/l #	85

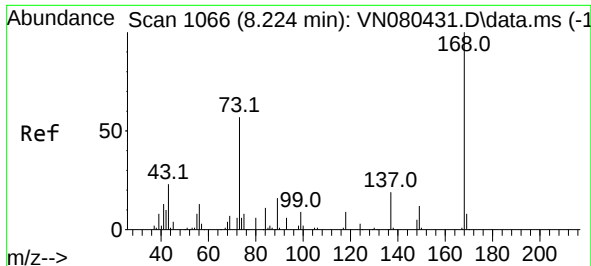
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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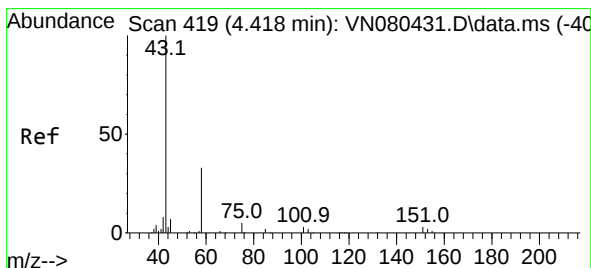
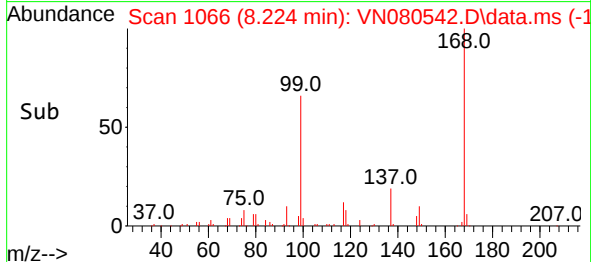
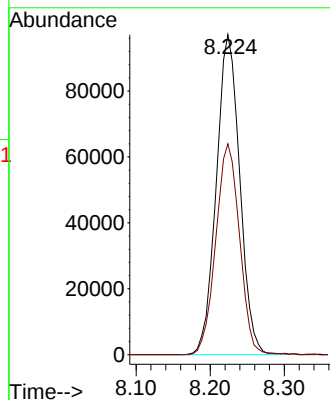
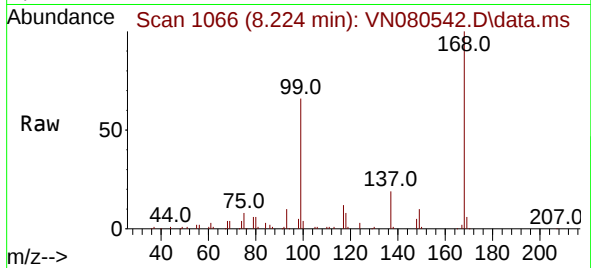




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080542.D
Acq: 20 Dec 2023 13:21

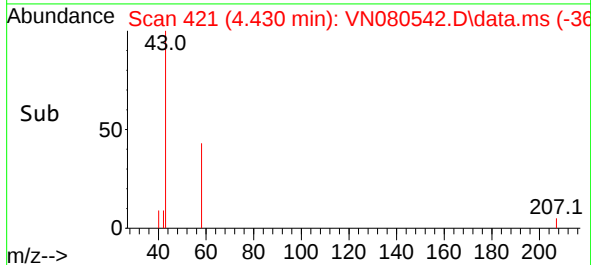
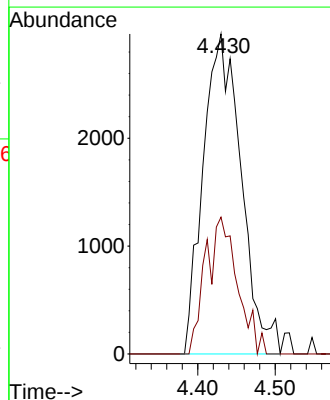
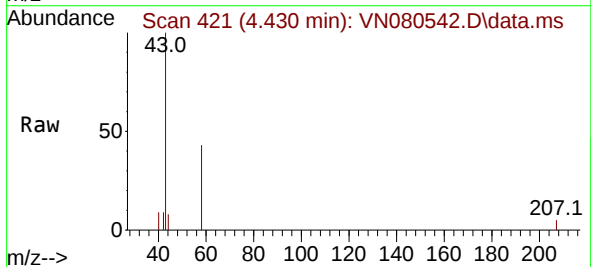
Instrument :
MSVOA_N
ClientSampleId :
RT-MW-07-121923

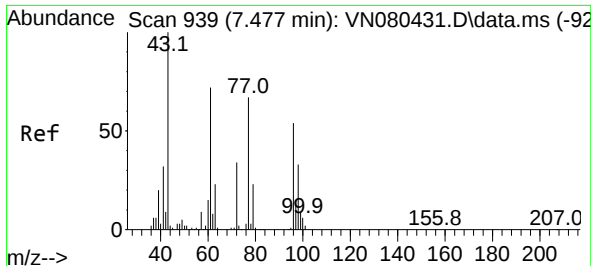
Tgt Ion:168 Resp: 213398
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#16
Acetone
Concen: 20.920 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080542.D
Acq: 20 Dec 2023 13:21

Tgt Ion: 43 Resp: 10110
Ion Ratio Lower Upper
43 100
58 42.8 28.0 42.0#

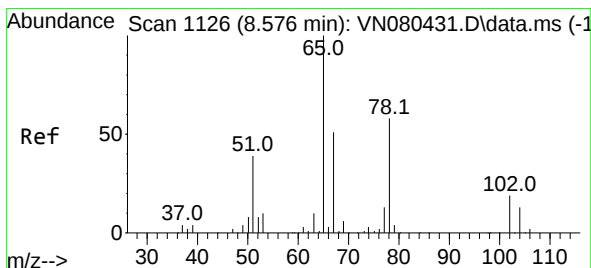
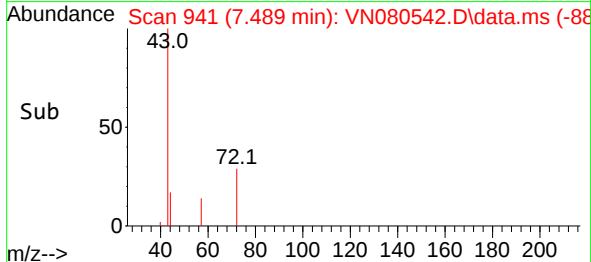
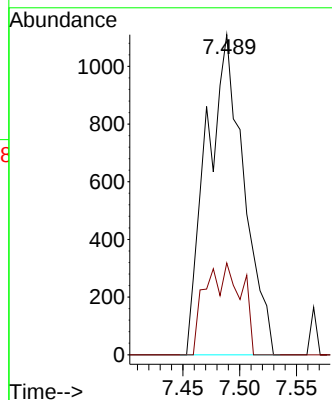
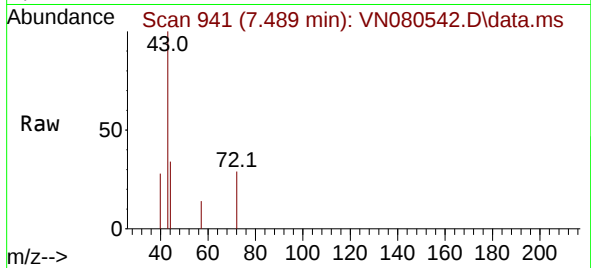




#25
2-Butanone
Concen: 2.727 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080542.D
Acq: 20 Dec 2023 13:21

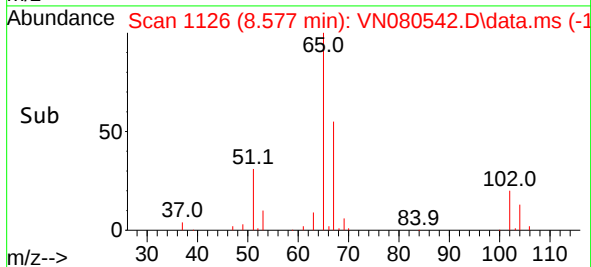
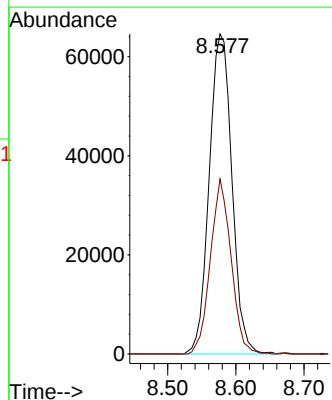
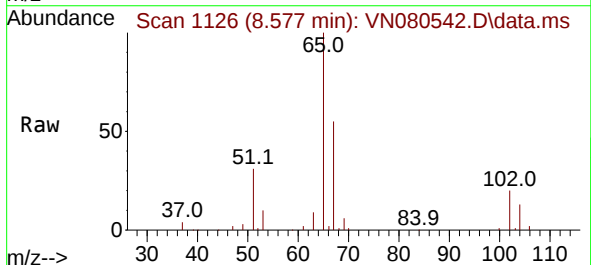
Instrument :
MSVOA_N
ClientSampleId :
RT-MW-07-121923

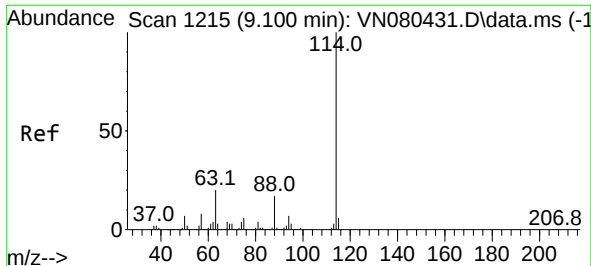
Tgt Ion: 43 Resp: 2539
Ion Ratio Lower Upper
43 100
72 28.6 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 54.922 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080542.D
Acq: 20 Dec 2023 13:21

Tgt Ion: 65 Resp: 149693
Ion Ratio Lower Upper
65 100
67 49.8 0.0 106.6

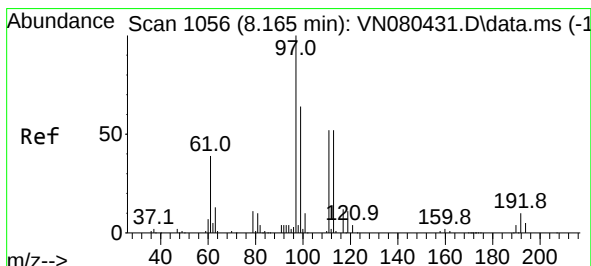
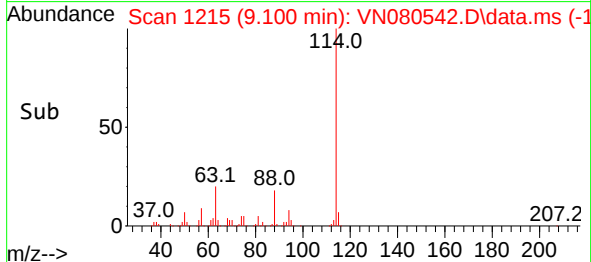
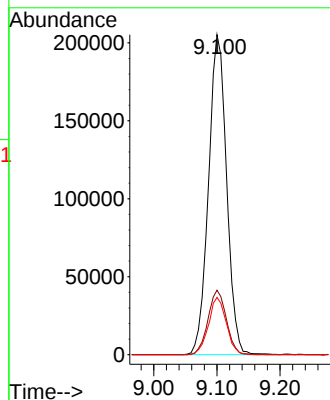
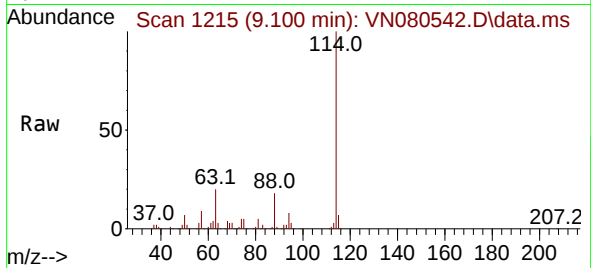




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080542.D
Acq: 20 Dec 2023 13:21

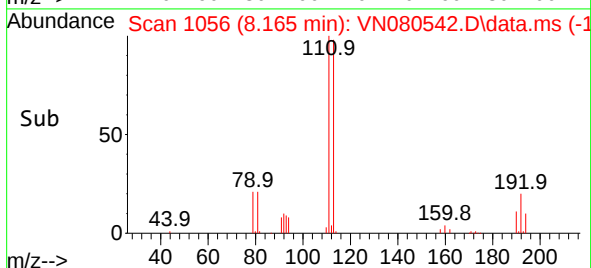
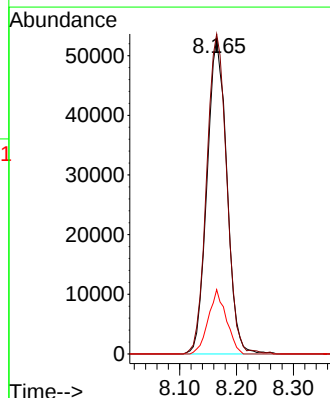
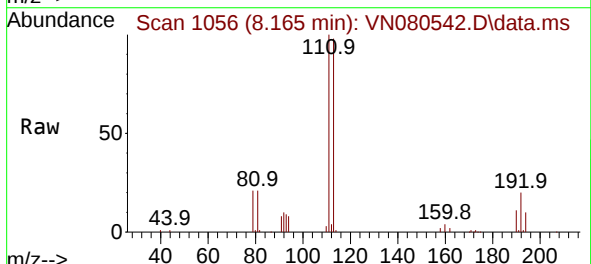
Instrument :
MSVOA_N
ClientSampleId :
RT-MW-07-121923

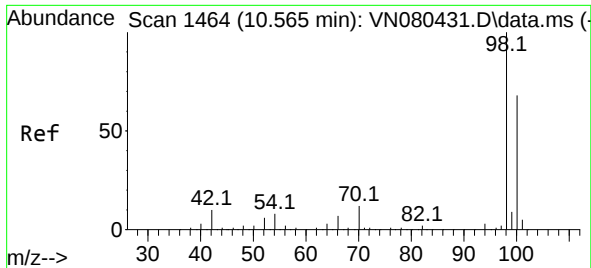
Tgt Ion:	114	Resp:	408694
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	36.4
88	17.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.221 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080542.D
Acq: 20 Dec 2023 13:21

Tgt Ion:	113	Resp:	127546
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	18.5	12.7	19.1

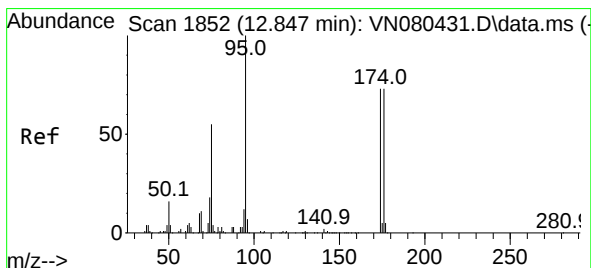
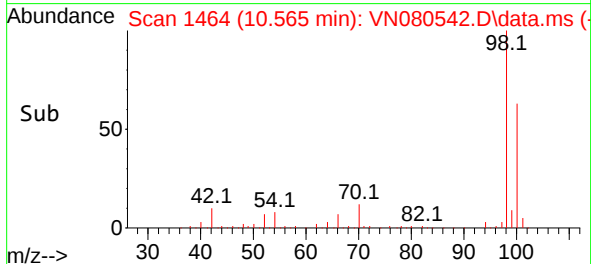
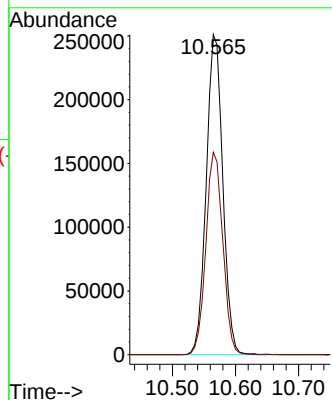
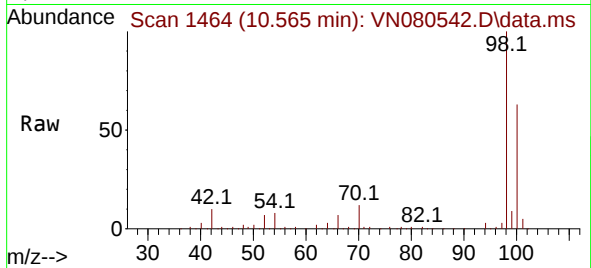




#50
Toluene-d8
Concen: 47.244 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080542.D
Acq: 20 Dec 2023 13:21

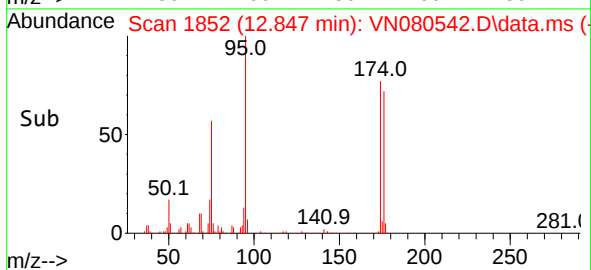
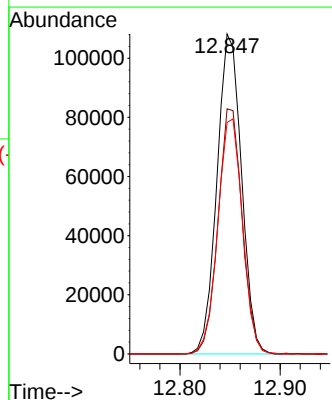
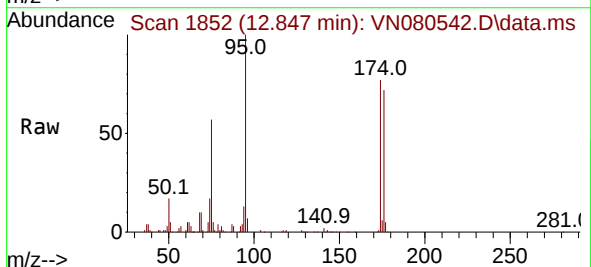
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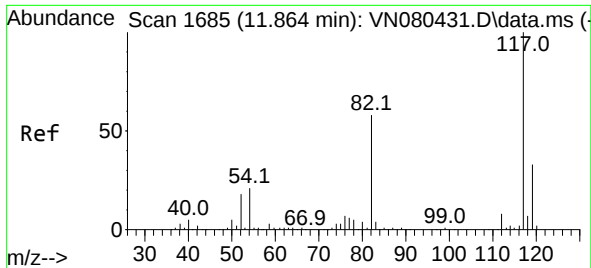
Tgt Ion: 98 Resp: 456573
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.158 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080542.D
Acq: 20 Dec 2023 13:21

Tgt Ion: 95 Resp: 184065
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 74.0 0.0 135.8

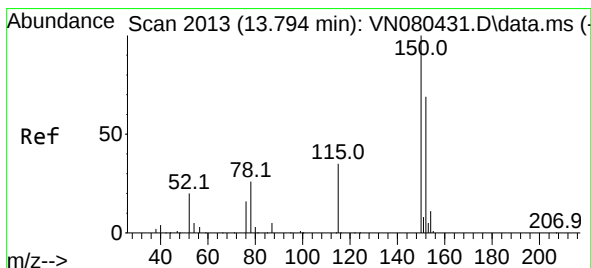
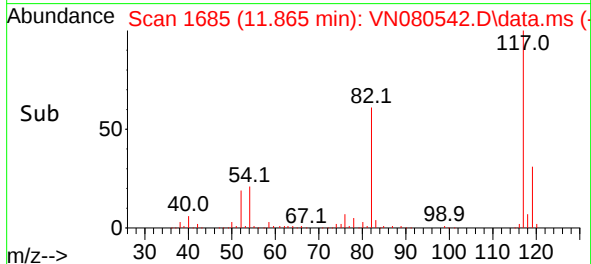
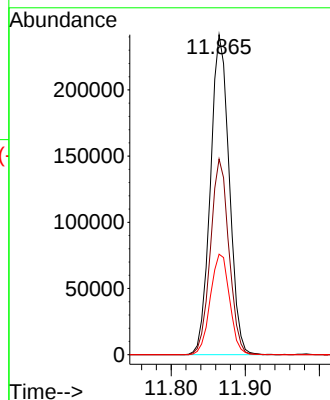
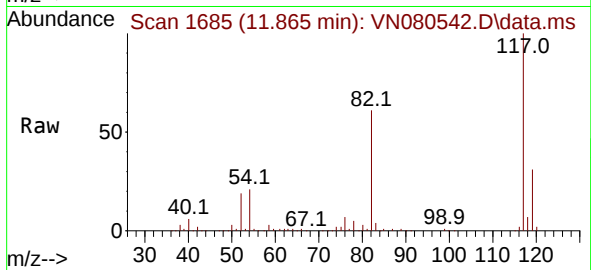




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080542.D
Acq: 20 Dec 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
RT-MW-07-121923

Tgt Ion:117 Resp: 425423
Ion Ratio Lower Upper
117 100
82 61.1 44.0 66.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080542.D
Acq: 20 Dec 2023 13:21

Tgt Ion:152 Resp: 191877
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 157.7 0.0 355.8

