

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081010.D
 Acq On : 12 Feb 2024 17:57
 Operator : JC\MD
 Sample : P1446-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT3475

Quant Time: Feb 13 03:23:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

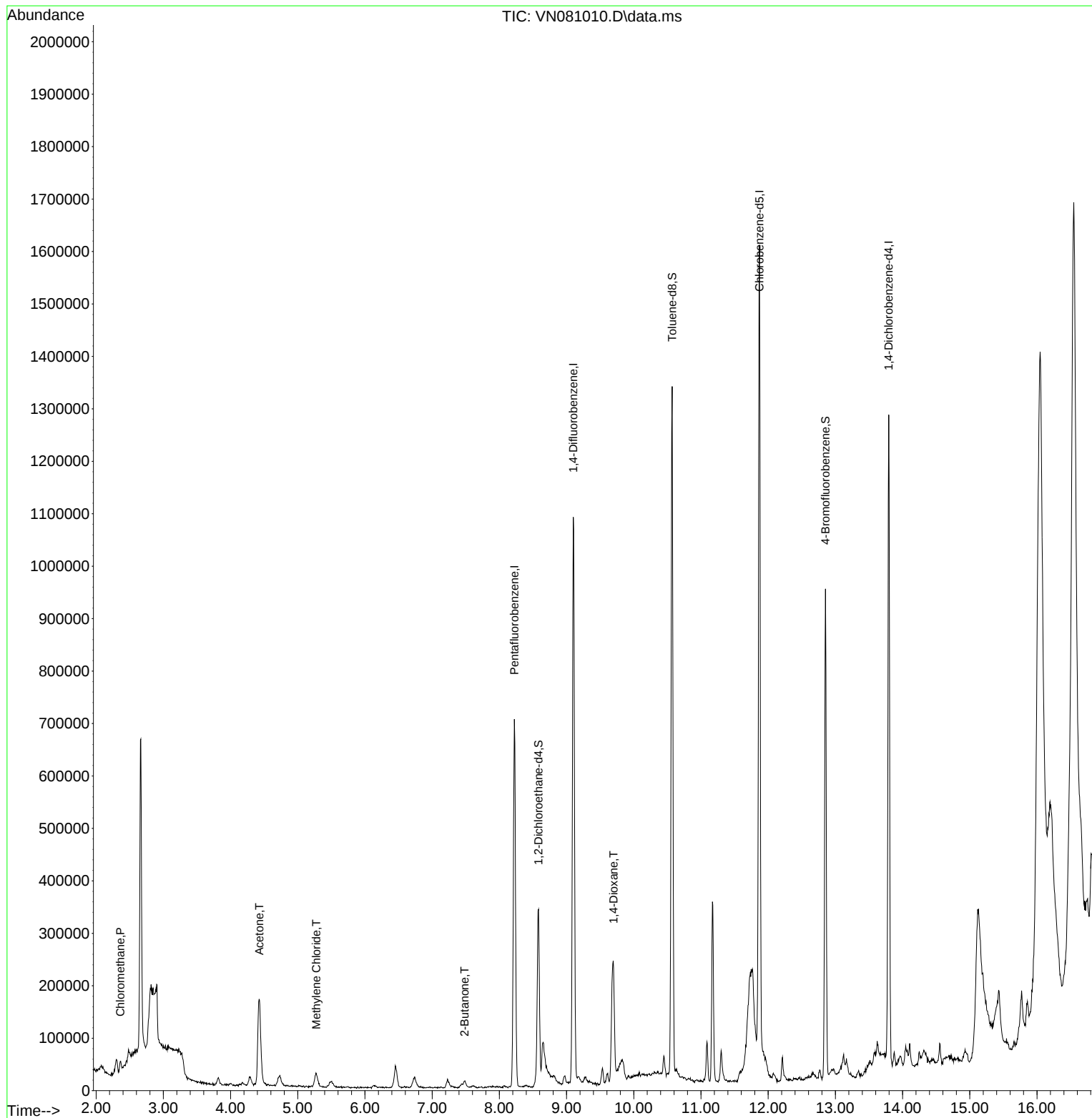
Internal Standards						
1) Pentafluorobenzene	8.224	168	535786	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	1016968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	948560	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	350838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	273603	40.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.960%
35) Dibromofluoromethane	8.153	113	341	0.062	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.120%#
50) Toluene-d8	10.571	98	926953	46.961	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.853	95	322953	45.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.080%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	18720	1.642	ug/l	90
16) Acetone	4.430	43	318706	143.323	ug/l	94
20) Methylene Chloride	5.277	84	24014	3.564	ug/l #	74
25) 2-Butanone	7.483	43	20135	5.641	ug/l #	87
49) 1,4-Dioxane	9.700	88	175030	1489.496	ug/l #	80

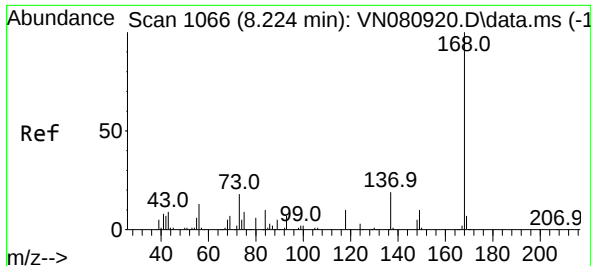
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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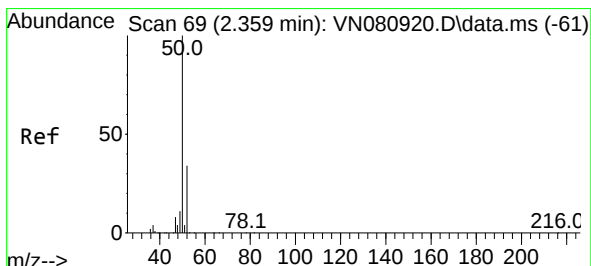
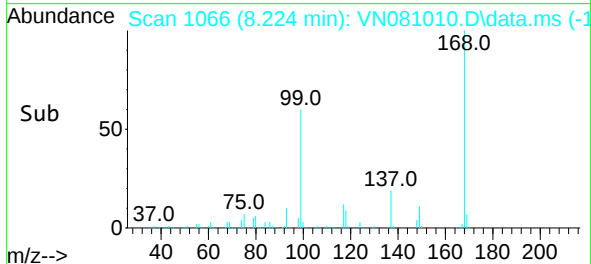
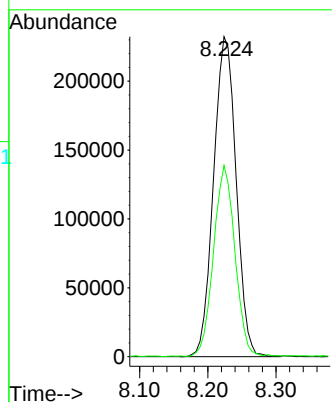
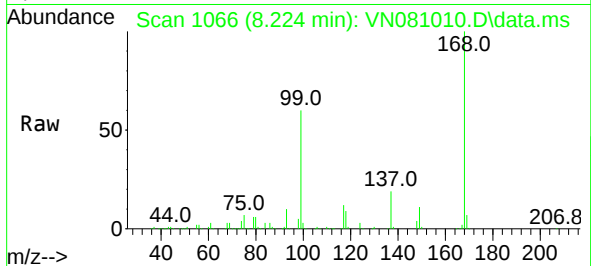




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081010.D
Acq: 12 Feb 2024 17:57

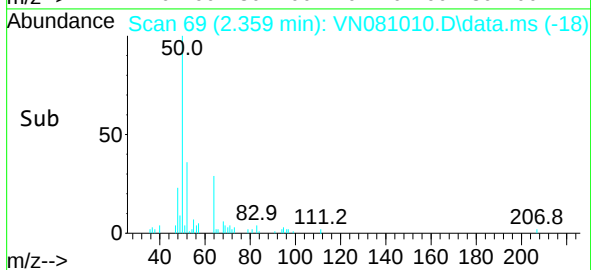
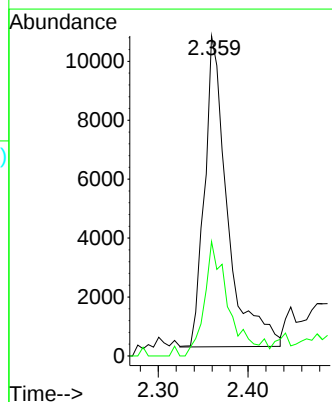
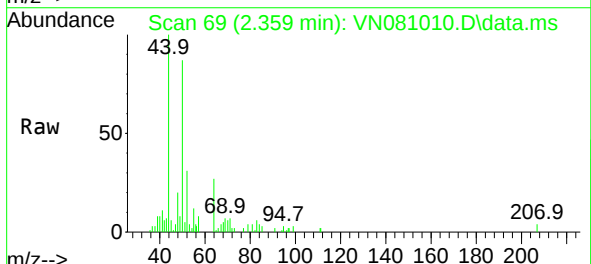
Instrument :
MSVOA_N
ClientSampleId :
RT3475

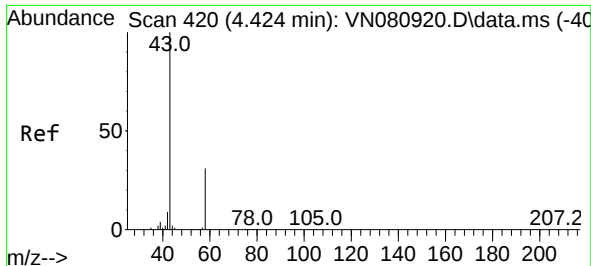
Tgt Ion:168 Resp: 535786
Ion Ratio Lower Upper
168 100
99 59.6 59.9 89.9#



#3
Chloromethane
Concen: 1.642 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081010.D
Acq: 12 Feb 2024 17:57

Tgt Ion: 50 Resp: 18720
Ion Ratio Lower Upper
50 100
52 36.9 25.0 37.4

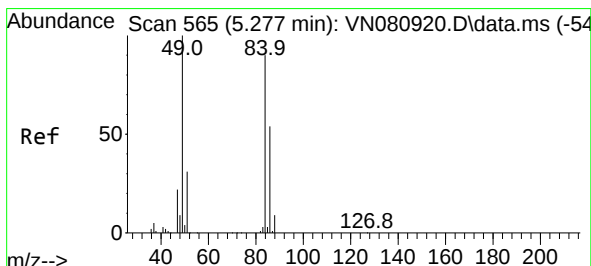
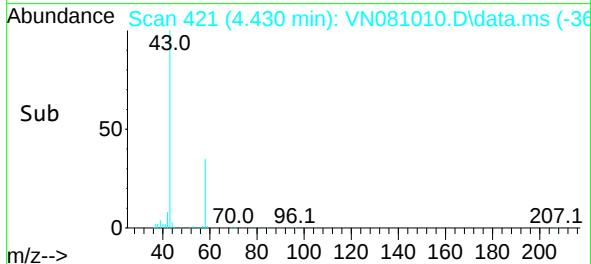
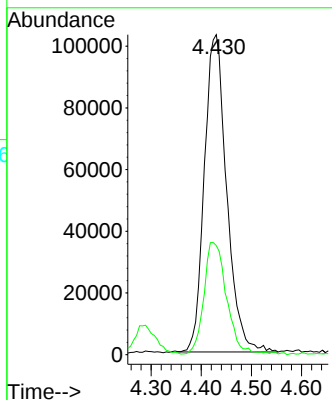
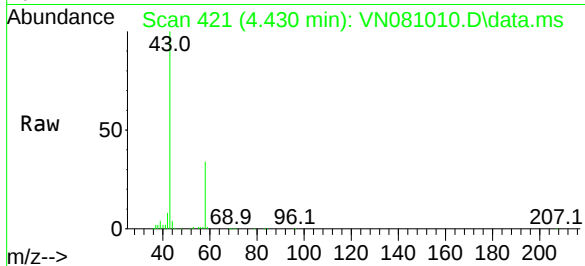




#16
Acetone
Concen: 143.323 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081010.D
Acq: 12 Feb 2024 17:57

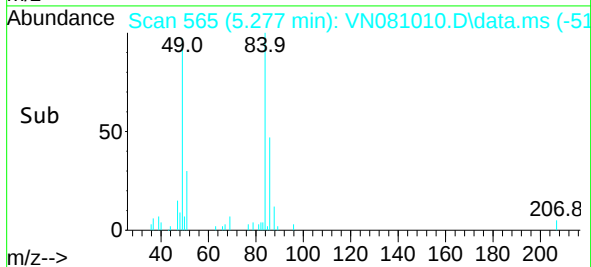
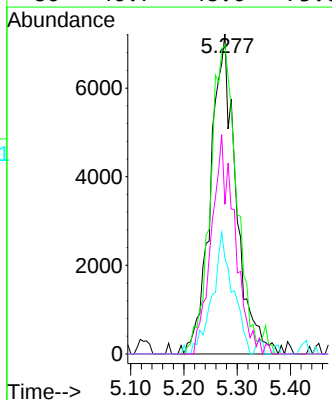
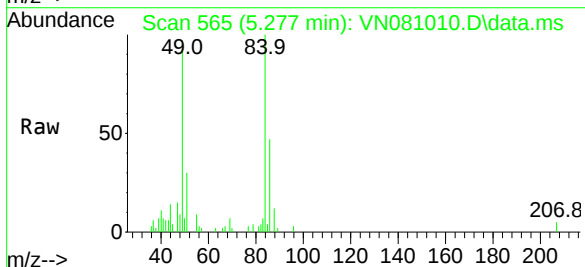
Instrument :
MSVOA_N
ClientSampleId :
RT3475

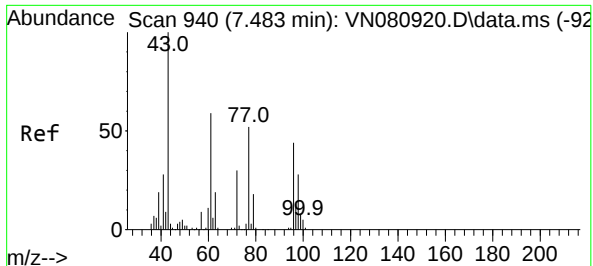
Tgt Ion: 43 Resp: 318706
Ion Ratio Lower Upper
43 100
58 34.1 24.8 37.2



#20
Methylene Chloride
Concen: 3.564 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081010.D
Acq: 12 Feb 2024 17:57

Tgt Ion: 84 Resp: 24014
Ion Ratio Lower Upper
84 100
49 96.7 108.1 162.1#
51 29.9 32.9 49.3#
86 46.7 48.6 73.0#

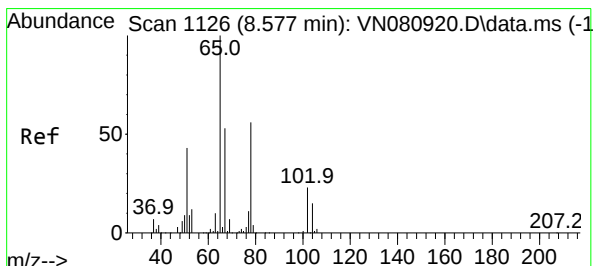
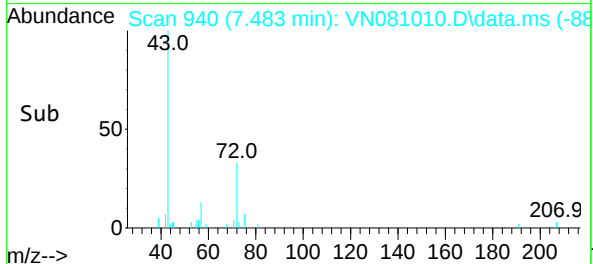
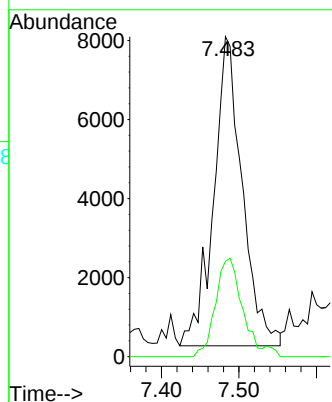
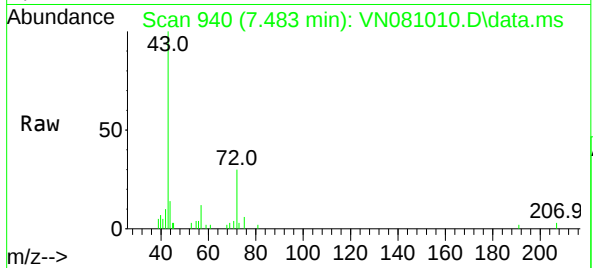




#25
2-Butanone
Concen: 5.641 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081010.D
Acq: 12 Feb 2024 17:57

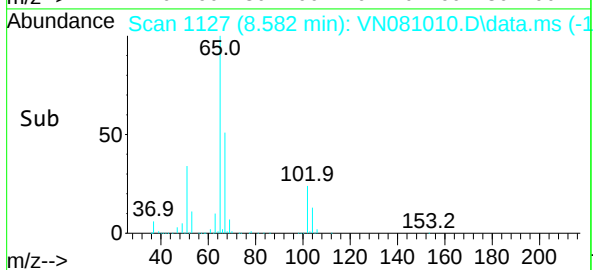
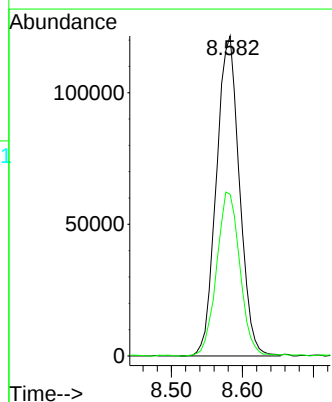
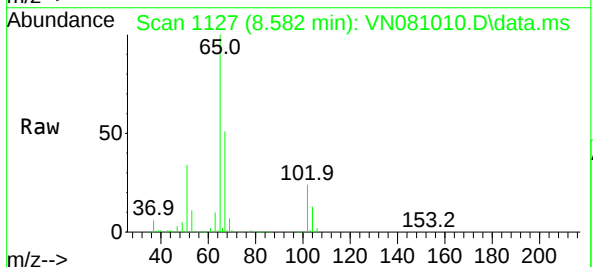
Instrument :
MSVOA_N
ClientSampleId :
RT3475

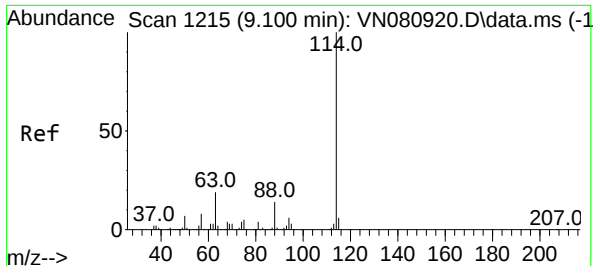
Tgt Ion: 43 Resp: 20135
Ion Ratio Lower Upper
43 100
72 30.9 19.5 29.3#



#33
1,2-Dichloroethane-d4
Concen: 40.480 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081010.D
Acq: 12 Feb 2024 17:57

Tgt Ion: 65 Resp: 273603
Ion Ratio Lower Upper
65 100
67 51.9 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: VN081010.D

Acq: 12 Feb 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

RT3475

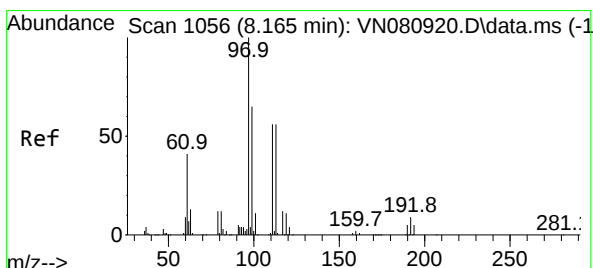
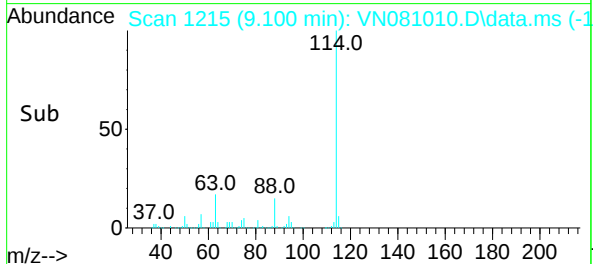
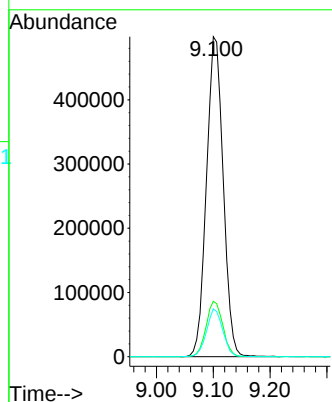
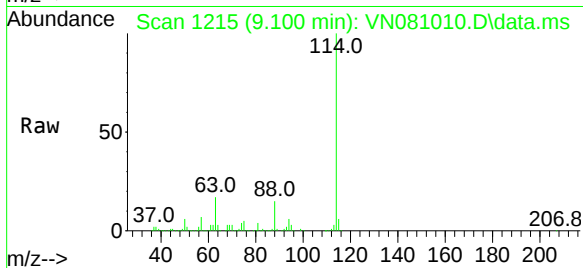
Tgt Ion:114 Resp: 1016968

Ion Ratio Lower Upper

114 100

63 17.3 0.0 48.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 0.062 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.012 min

Lab File: VN081010.D

Acq: 12 Feb 2024 17:57

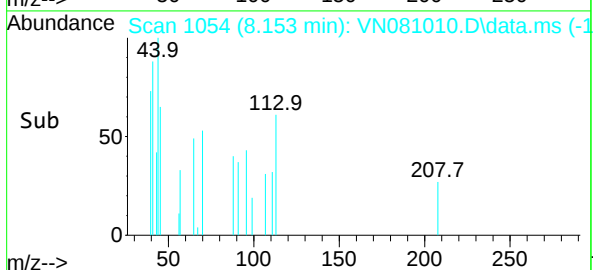
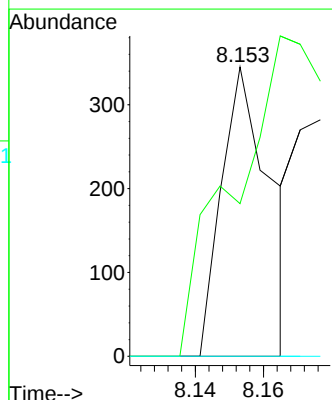
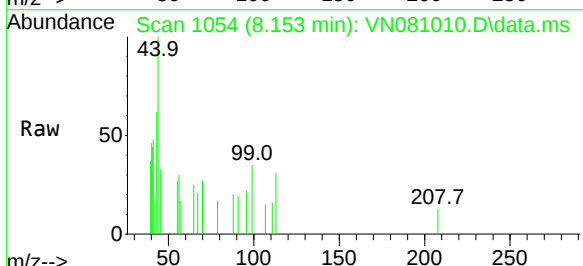
Tgt Ion:113 Resp: 341

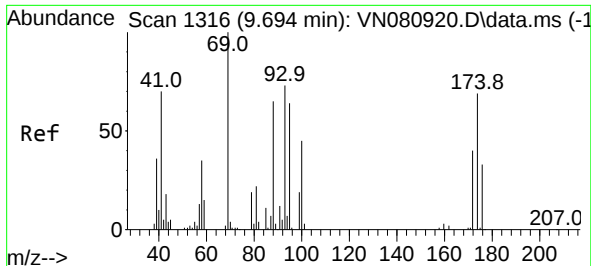
Ion Ratio Lower Upper

113 100

111 221.4 82.2 123.4#

192 0.0 12.5 18.7#





#49

1,4-Dioxane

Concen: 1489.496 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081010.D

Acq: 12 Feb 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

RT3475

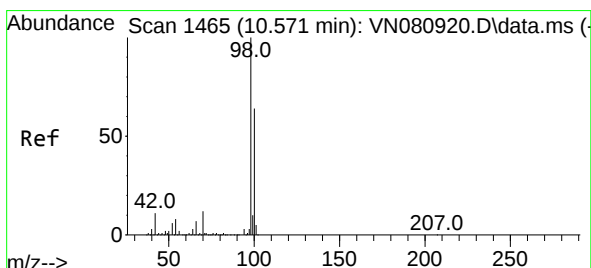
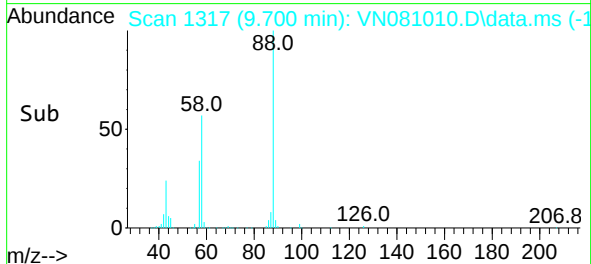
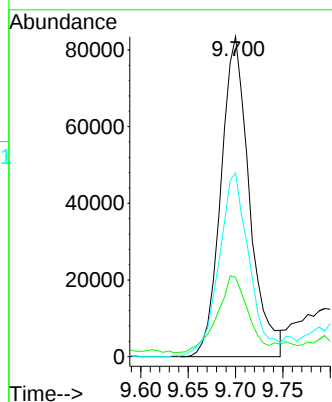
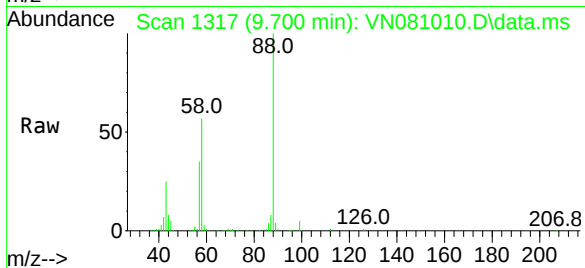
Tgt Ion: 88 Resp: 175030

Ion Ratio Lower Upper

88 100

43 25.9 30.1 45.1#

58 61.6 63.9 95.9#



#50

Toluene-d8

Concen: 46.961 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081010.D

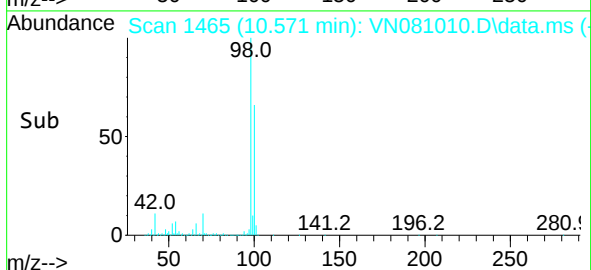
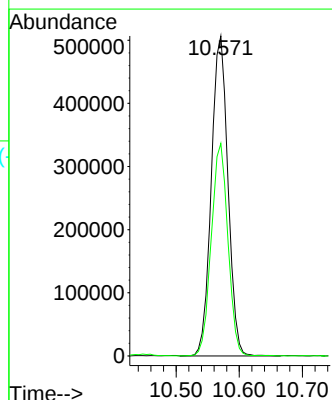
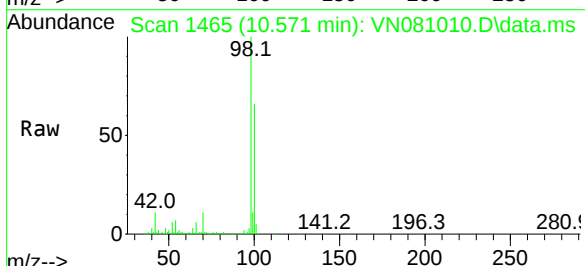
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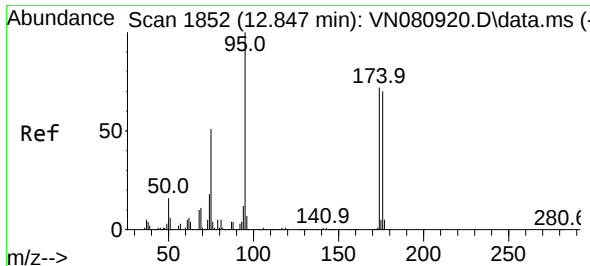
Tgt Ion: 98 Resp: 926953

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0

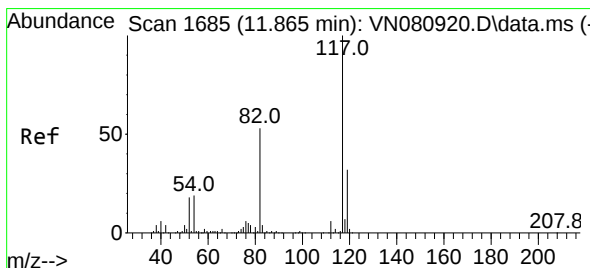
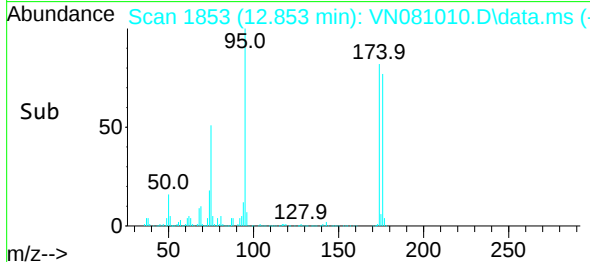
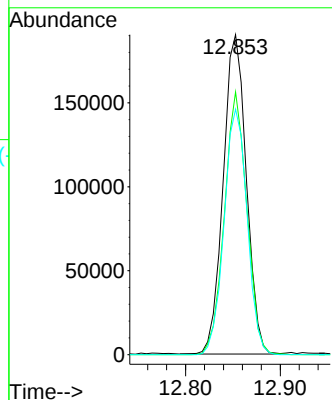
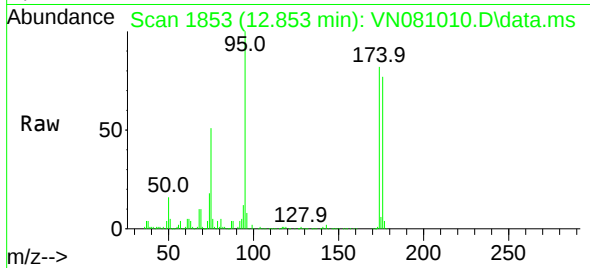




#62
4-Bromofluorobenzene
Concen: 45.039 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081010.D
Acq: 12 Feb 2024 17:57

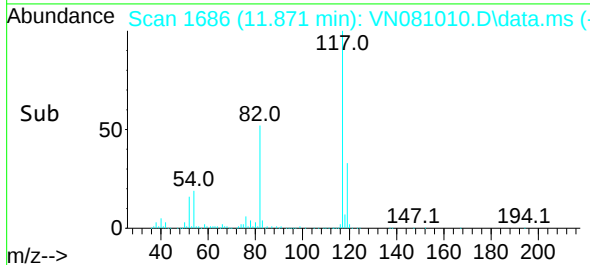
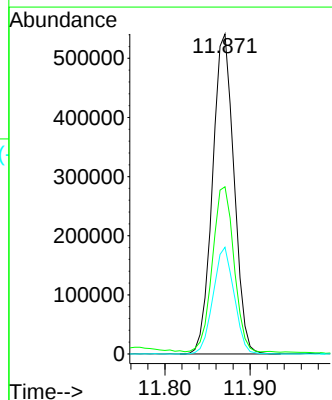
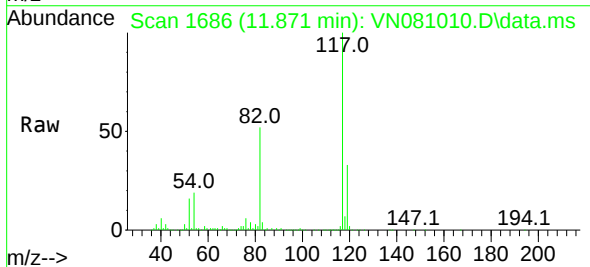
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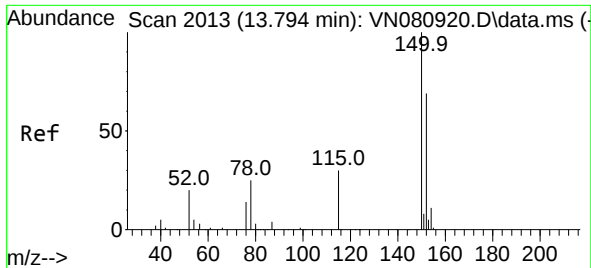
Tgt Ion: 95 Resp: 322953
Ion Ratio Lower Upper
95 100
174 80.2 0.0 120.4
176 76.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081010.D
Acq: 12 Feb 2024 17:57

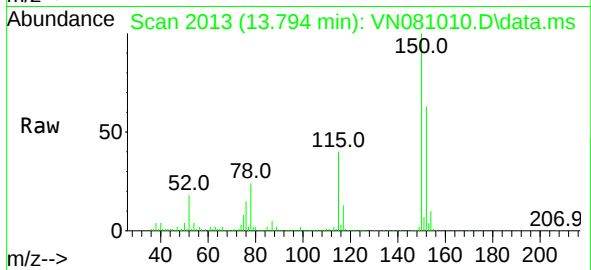
Tgt Ion: 117 Resp: 948560
Ion Ratio Lower Upper
117 100
82 51.7 52.7 79.1#
119 33.4 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081010.D
 Acq: 12 Feb 2024 17:57

Instrument :
 MSVOA_N
 ClientSampleId :
 RT3475



Tgt Ion:152 Resp: 350838

Ion	Ratio	Lower	Upper
152	100		
115	61.7	32.3	96.8
150	158.3	0.0	339.8

