

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
 Data File : VN081092.D
 Acq On : 20 Feb 2024 12:43
 Operator : JC\MD
 Sample : P1505-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1S

Quant Time: Feb 20 13:03:46 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)

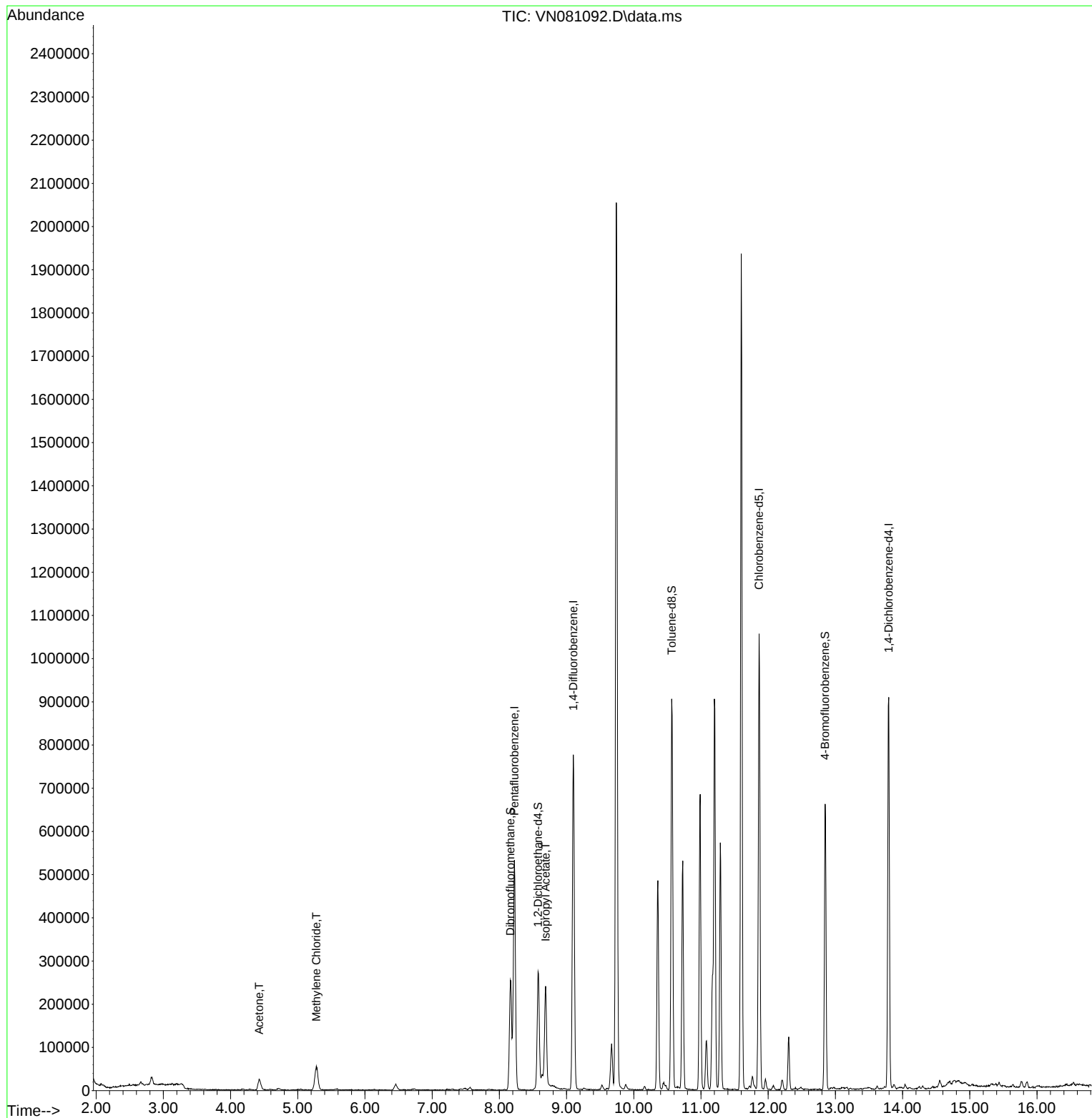
Internal Standards						
1) Pentafluorobenzene	8.224	168	368599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	682011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	591987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	218557	48.375	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.740%
35) Dibromofluoromethane	8.165	113	183423	47.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	10.565	98	632216	46.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.847	95	231977	45.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.140%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	47640	26.798	ug/l	95
20) Methylene Chloride	5.277	84	43042	8.589	ug/l	89
43) Isopropyl Acetate	8.688	43	310194	29.744	ug/l #	89

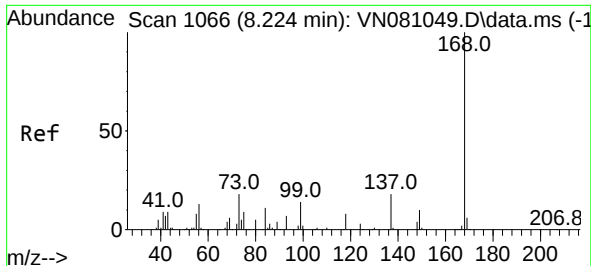
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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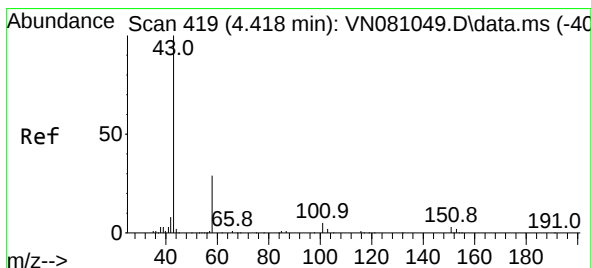
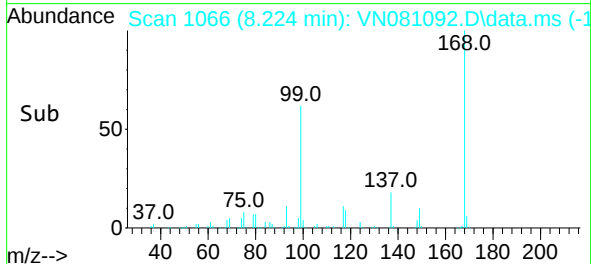
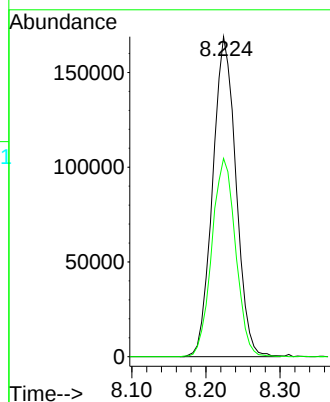
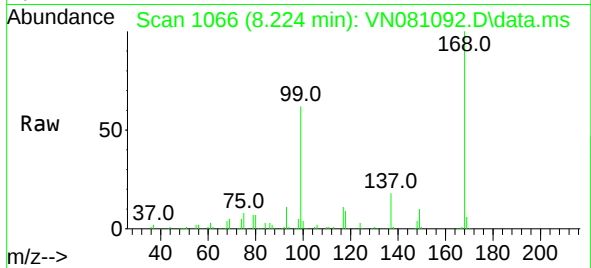




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081092.D
Acq: 20 Feb 2024 12:43

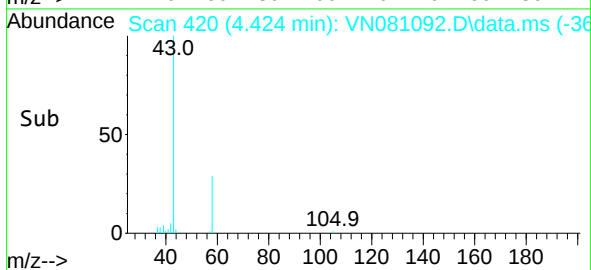
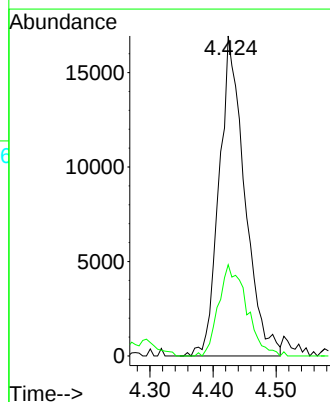
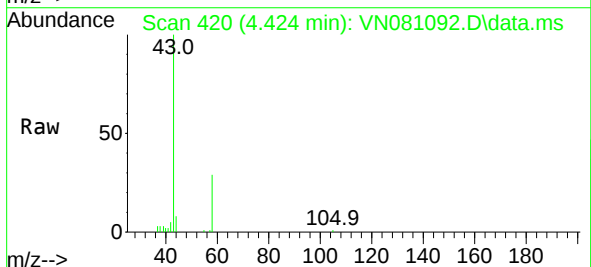
Instrument :
MSVOA_N
ClientSampleId :
WC-1S

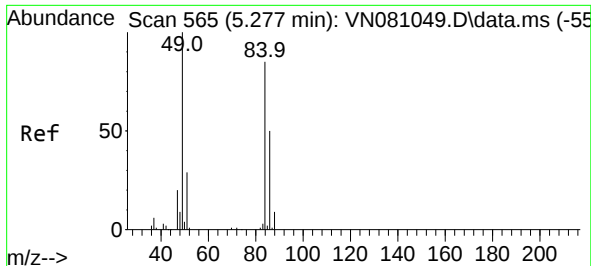
Tgt Ion:168 Resp: 368599
Ion Ratio Lower Upper
168 100
99 62.0 59.9 89.9



#16
Acetone
Concen: 26.798 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081092.D
Acq: 20 Feb 2024 12:43

Tgt Ion: 43 Resp: 47640
Ion Ratio Lower Upper
43 100
58 28.5 24.8 37.2



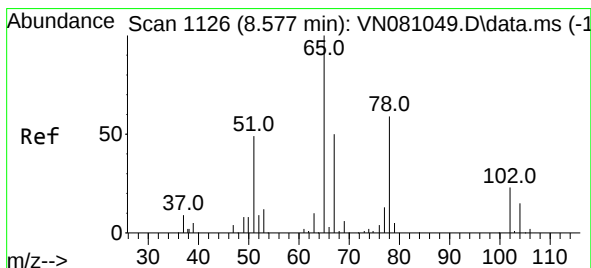
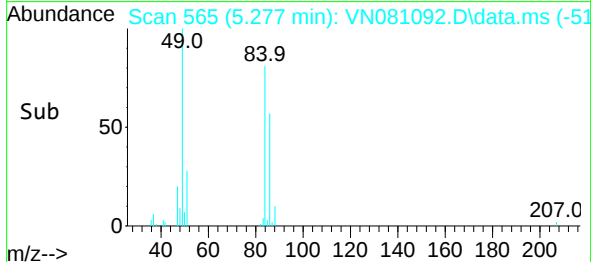
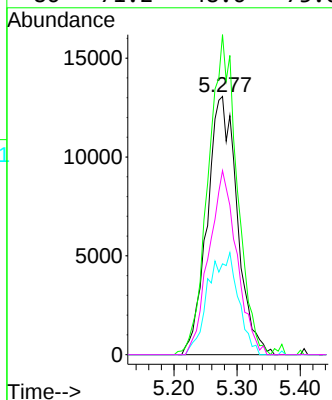
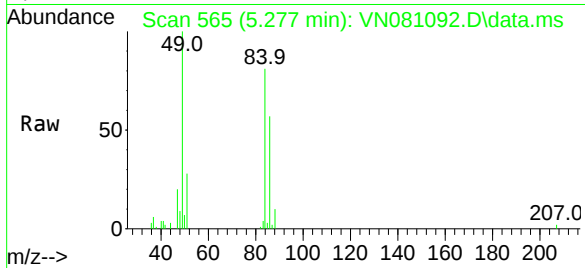


#20
Methylene Chloride
Concen: 8.589 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081092.D
Acq: 20 Feb 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
WC-1S

Tgt Ion: 84 Resp: 43042

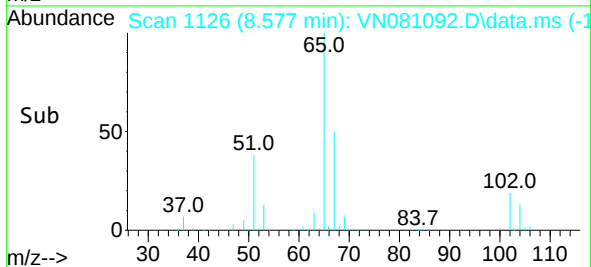
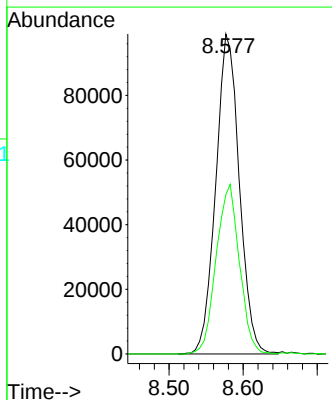
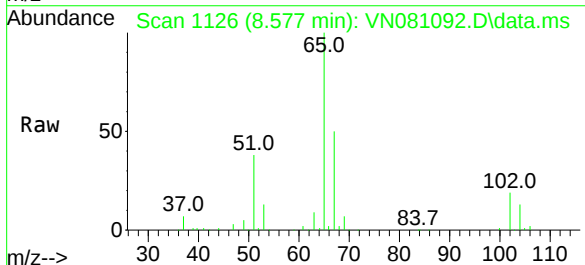
Ion	Ratio	Lower	Upper
84	100		
49	122.7	108.1	162.1
51	35.2	32.9	49.3
86	71.2	48.6	73.0

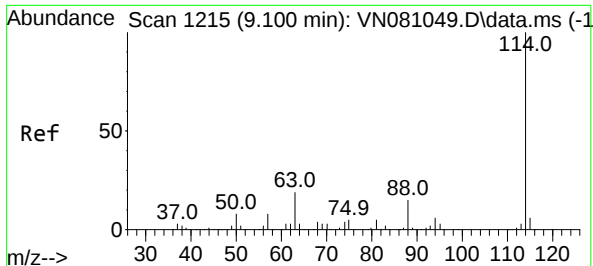


#33
1,2-Dichloroethane-d4
Concen: 48.375 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.001 min
Lab File: VN081092.D
Acq: 20 Feb 2024 12:43

Tgt Ion: 65 Resp: 218557

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.4

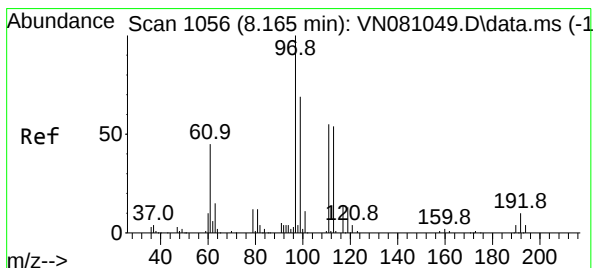
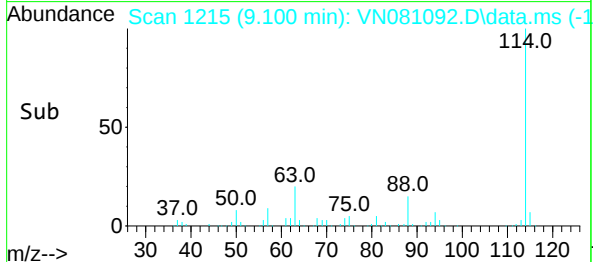
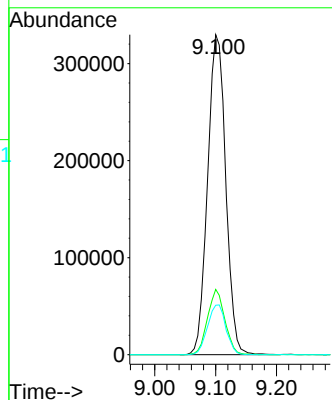
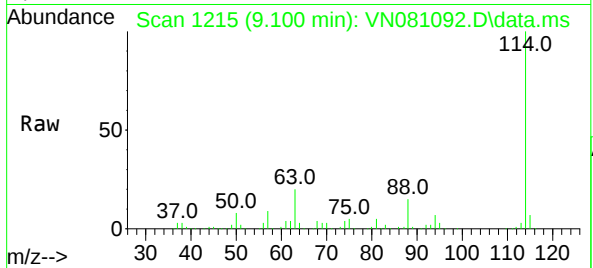




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081092.D
Acq: 20 Feb 2024 12:43

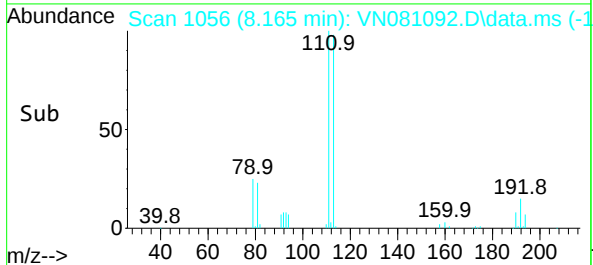
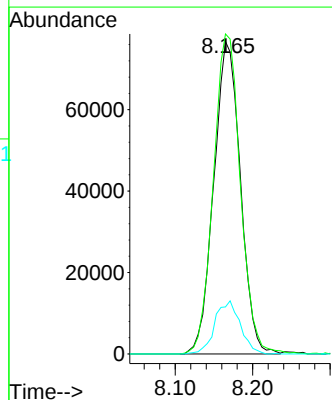
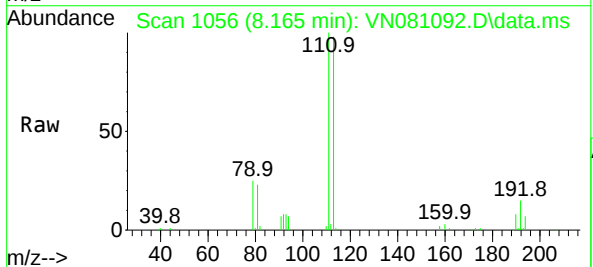
Instrument :
MSVOA_N
ClientSampleId :
WC-1S

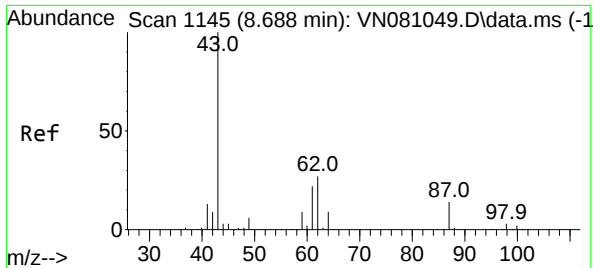
Tgt Ion:114 Resp: 682011
Ion Ratio Lower Upper
114 100
63 20.4 0.0 48.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 47.561 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081092.D
Acq: 20 Feb 2024 12:43

Tgt Ion:113 Resp: 183423
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 16.2 12.5 18.7

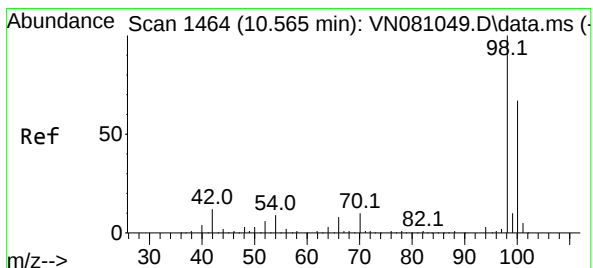
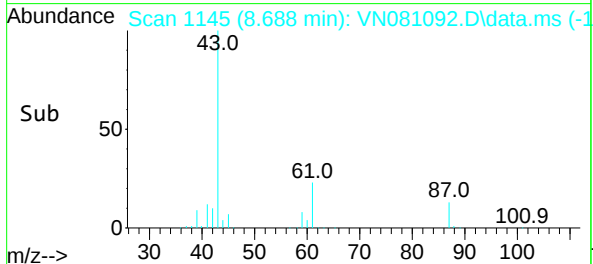
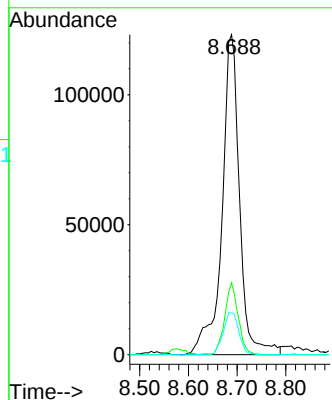
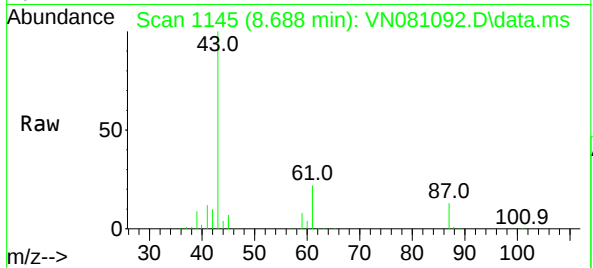




#43
Isopropyl Acetate
Concen: 29.744 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081092.D
Acq: 20 Feb 2024 12:43

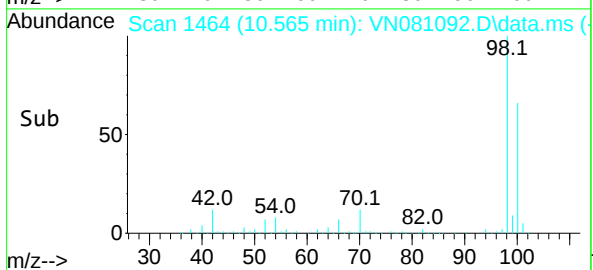
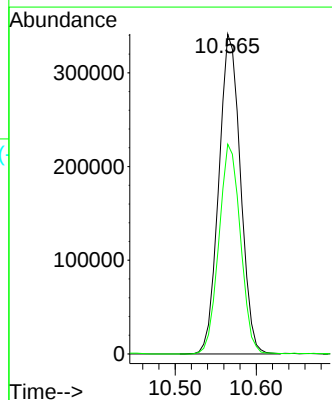
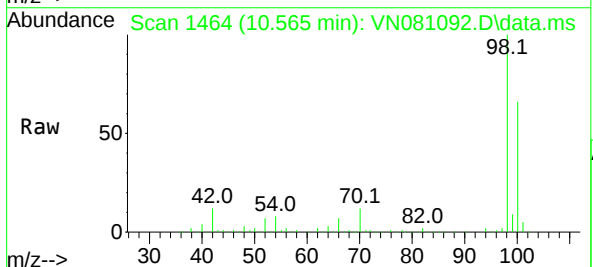
Instrument :
MSVOA_N
ClientSampleId :
WC-1S

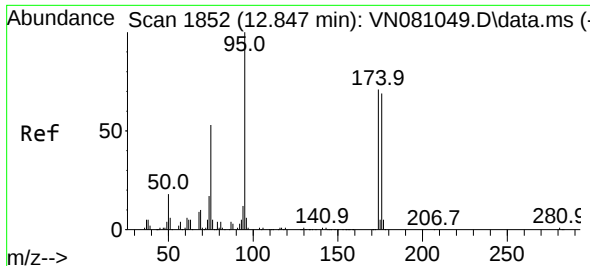
Tgt Ion: 43 Resp: 310194
Ion Ratio Lower Upper
43 100
61 17.3 19.9 29.9#
87 11.6 9.0 13.6



#50
Toluene-d8
Concen: 46.156 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN081092.D
Acq: 20 Feb 2024 12:43

Tgt Ion: 98 Resp: 632216
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0

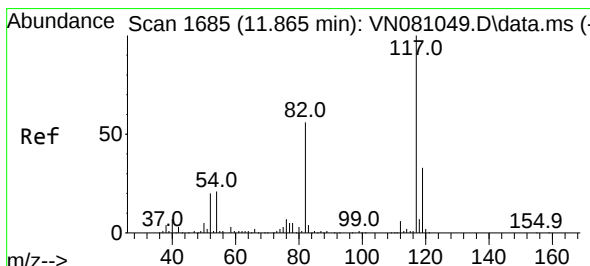
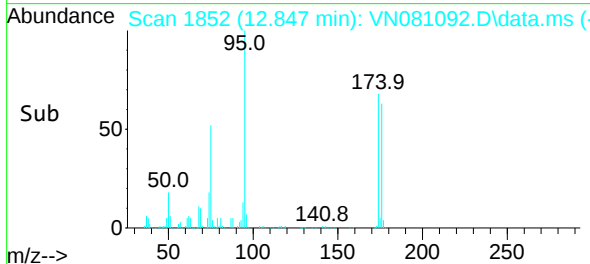
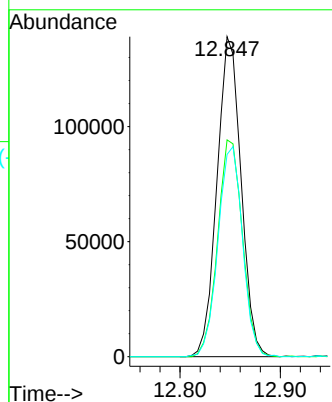
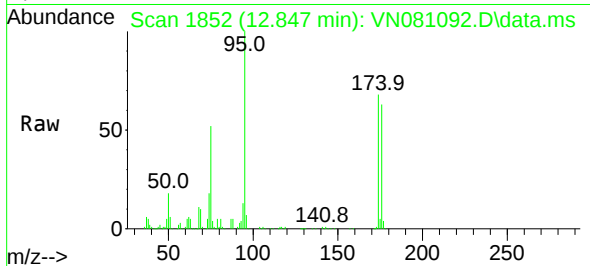




#62
4-Bromofluorobenzene
Concen: 45.071 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081092.D
Acq: 20 Feb 2024 12:43

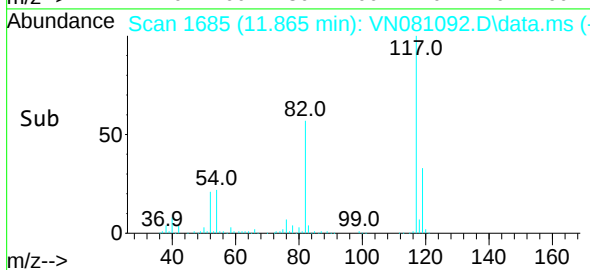
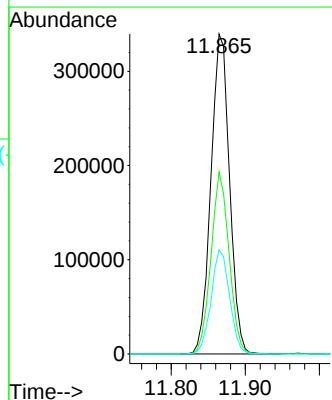
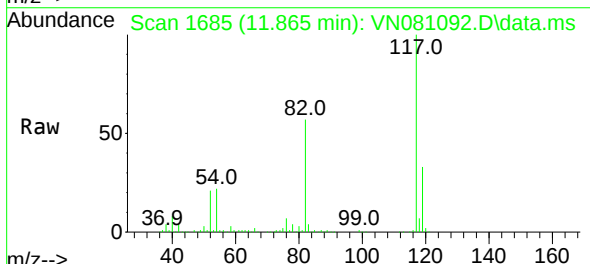
Instrument :
MSVOA_N
ClientSampleId :
WC-1S

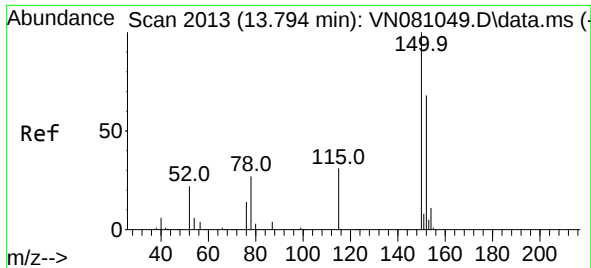
Tgt Ion:	95	Resp:	231977
Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	120.4
176	66.8	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081092.D
Acq: 20 Feb 2024 12:43

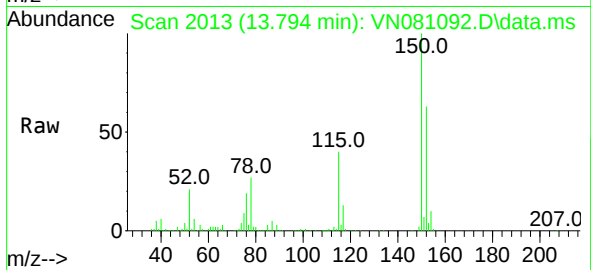
Tgt Ion:	117	Resp:	591987
Ion	Ratio	Lower	Upper
117	100		
82	56.8	52.7	79.1
119	32.6	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081092.D
 Acq: 20 Feb 2024 12:43

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 243959

Ion	Ratio	Lower	Upper
152	100		
115	62.8	32.3	96.8
150	158.3	0.0	339.8

