

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077912.D
 Acq On : 25 May 2023 19:14
 Operator : JC\MD
 Sample : 02898-04 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20230522

Quant Time: May 26 04:37:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

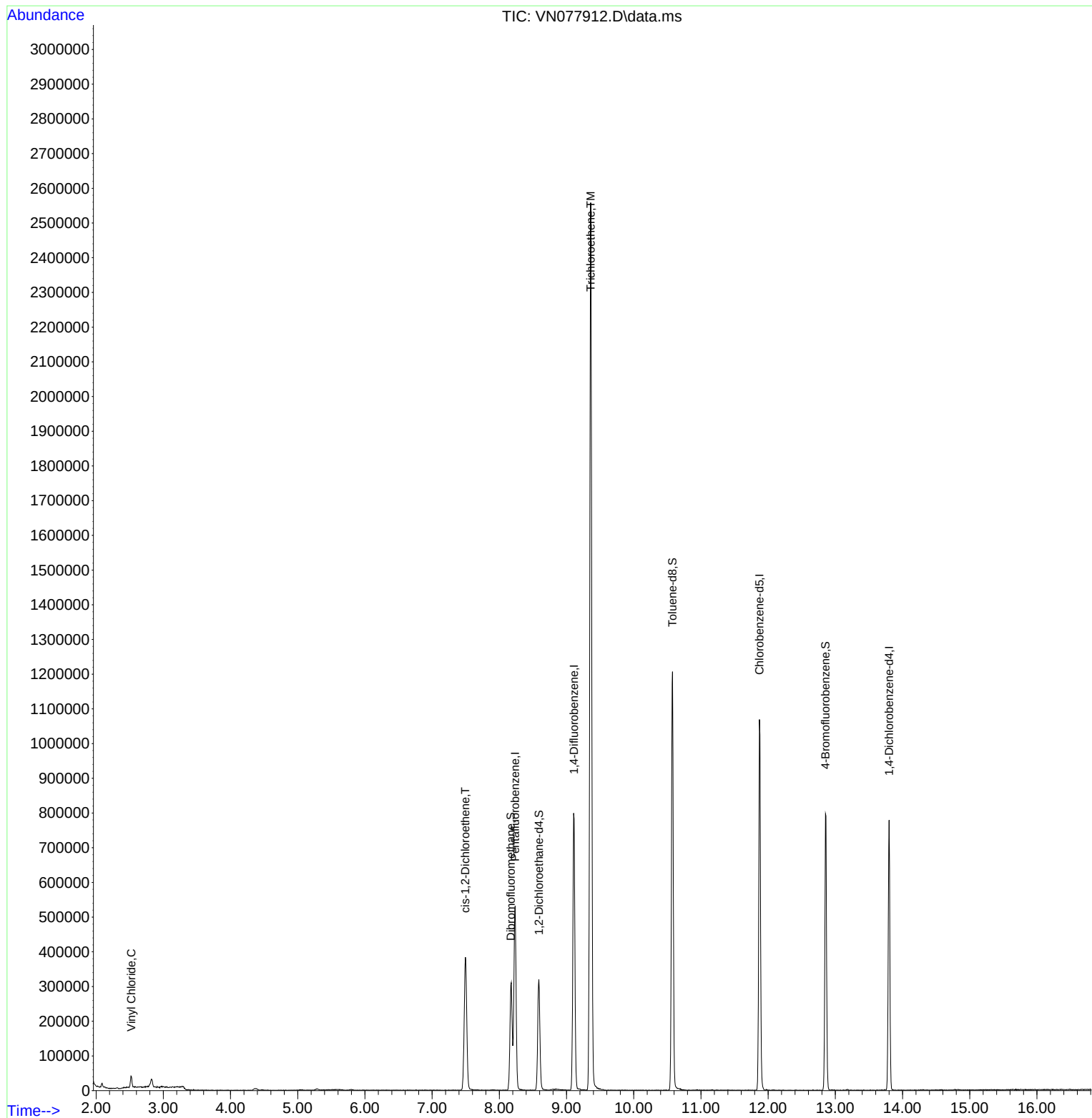
Internal Standards						
1) Pentafluorobenzene	8.236	168	389167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	720659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	635383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	204623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	267728	45.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.960%
35) Dibromofluoromethane	8.171	113	222352	47.316	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	10.577	98	880333	48.669	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.853	95	287928	45.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.140%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.524	62	31746	5.685	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	236946	42.979	ug/l	97
44) Trichloroethene	9.359	130	899996	175.234	ug/l	95

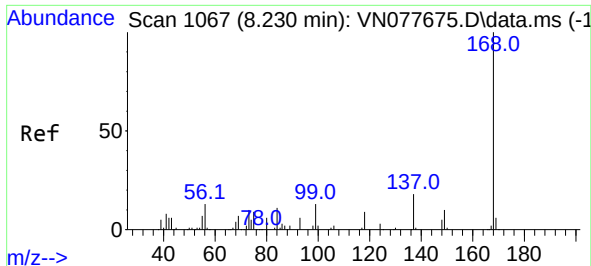
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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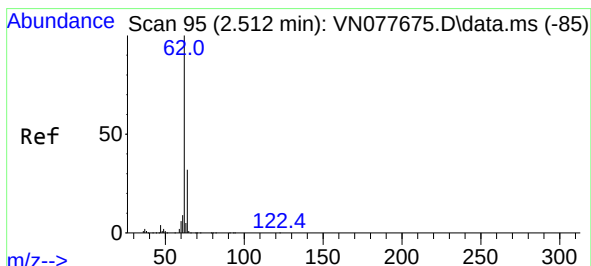
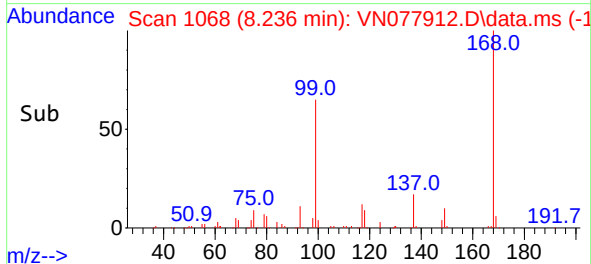
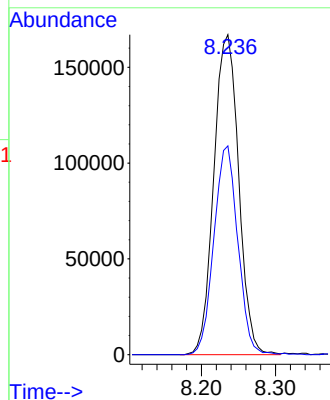
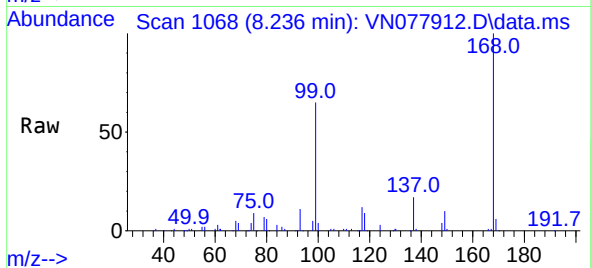




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077912.D
Acq: 25 May 2023 19:14

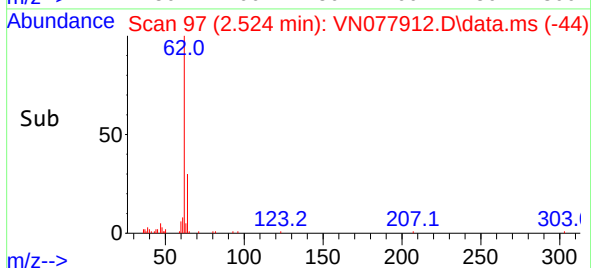
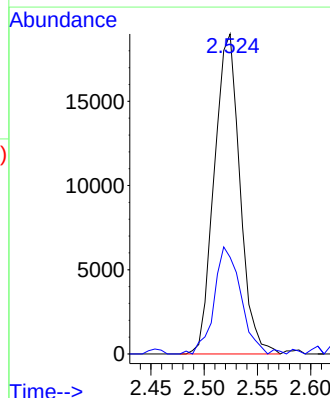
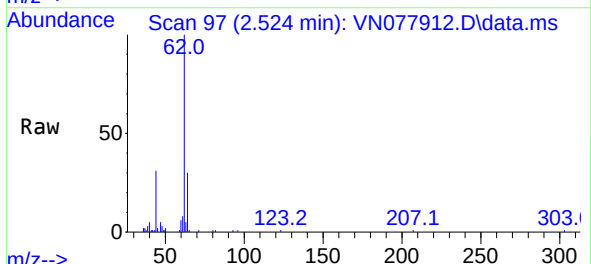
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230522

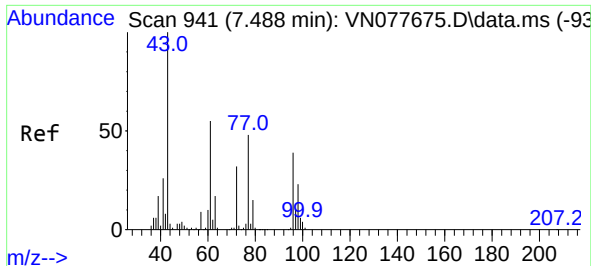
Tgt Ion:168 Resp: 389167
Ion Ratio Lower Upper
168 100
99 65.3 53.0 79.6



#4
Vinyl Chloride
Concen: 5.685 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077912.D
Acq: 25 May 2023 19:14

Tgt Ion: 62 Resp: 31746
Ion Ratio Lower Upper
62 100
64 30.2 26.2 39.2

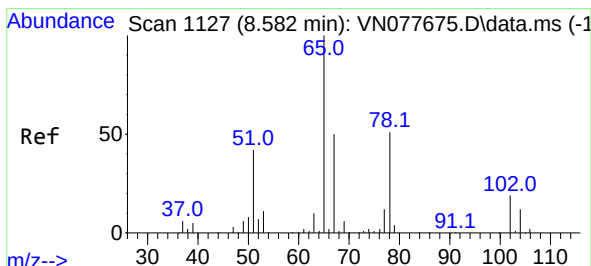
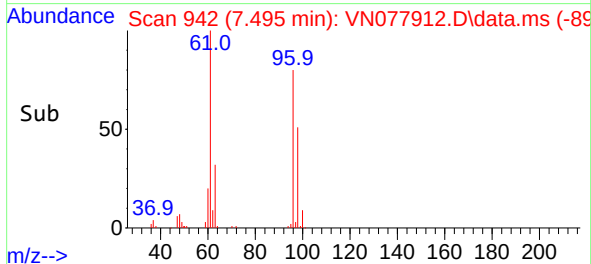
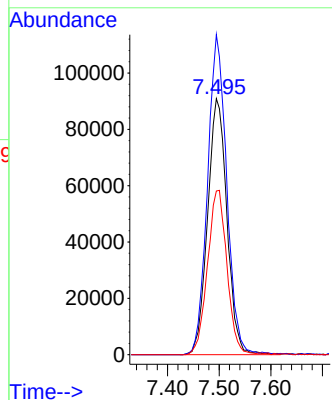
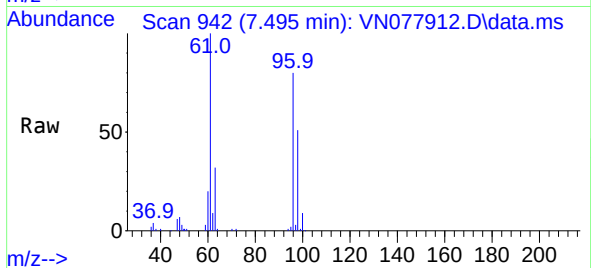




#27
 cis-1,2-Dichloroethene
 Concen: 42.979 ug/l
 RT: 7.495 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077912.D
 Acq: 25 May 2023 19:14

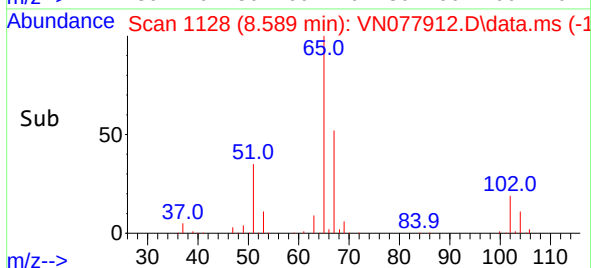
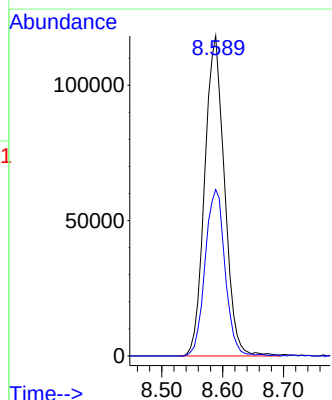
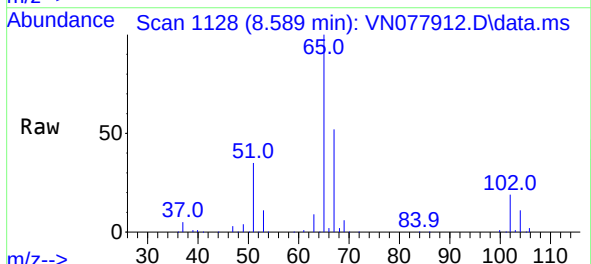
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20230522

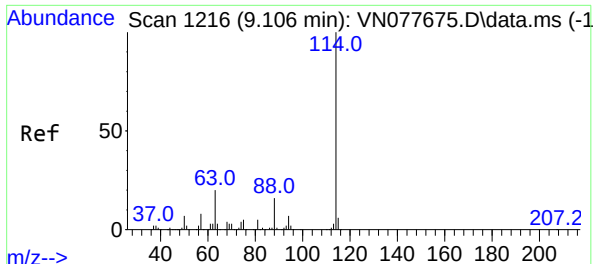
Tgt Ion: 96 Resp: 236946
 Ion Ratio Lower Upper
 96 100
 61 123.0 0.0 255.2
 98 64.3 0.0 128.8



#33
 1,2-Dichloroethane-d4
 Concen: 45.978 ug/l
 RT: 8.589 min Scan# 1128
 Delta R.T. 0.007 min
 Lab File: VN077912.D
 Acq: 25 May 2023 19:14

Tgt Ion: 65 Resp: 267728
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077912.D

Acq: 25 May 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20230522

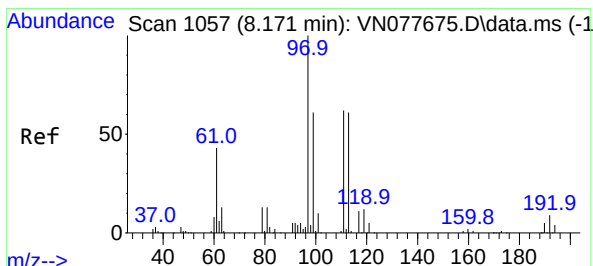
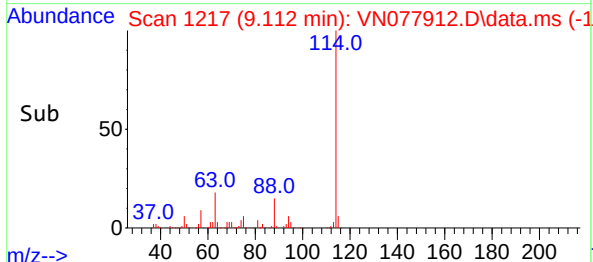
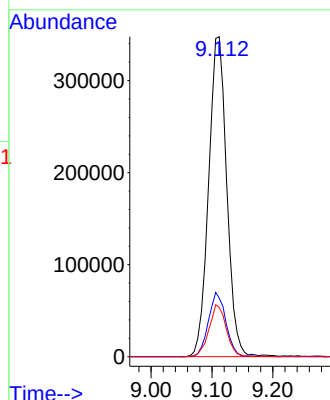
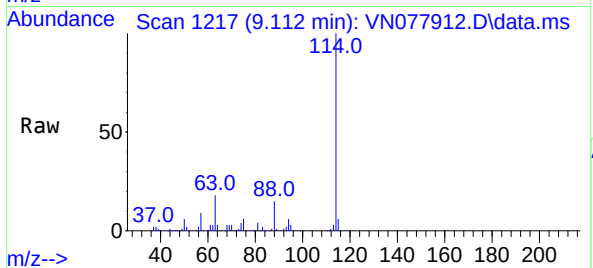
Tgt Ion:114 Resp: 720659

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.316 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077912.D

Acq: 25 May 2023 19:14

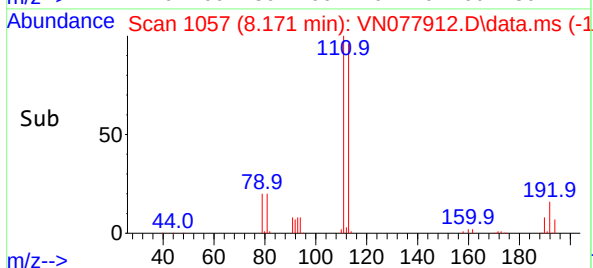
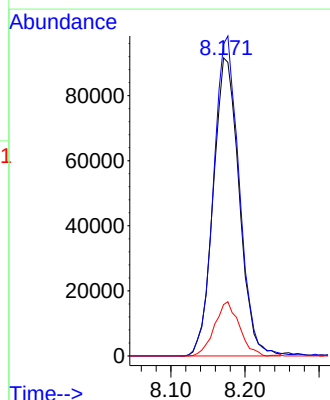
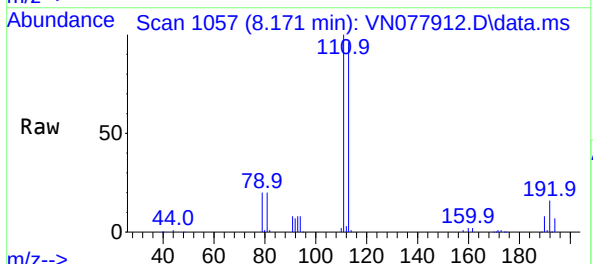
Tgt Ion:113 Resp: 222352

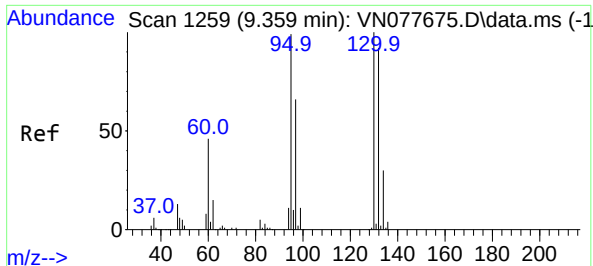
Ion Ratio Lower Upper

113 100

111 105.7 82.6 123.8

192 17.4 12.7 19.1

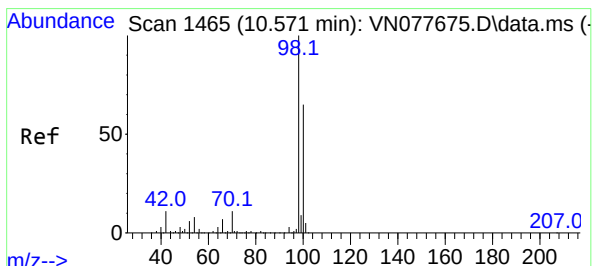
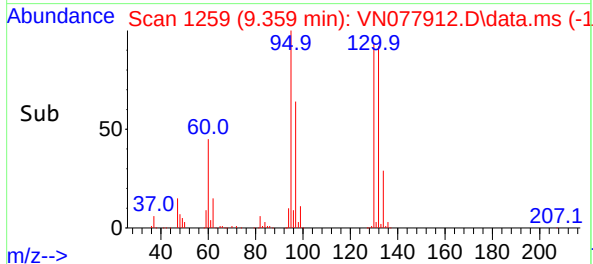
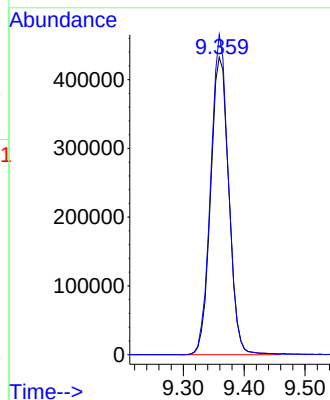
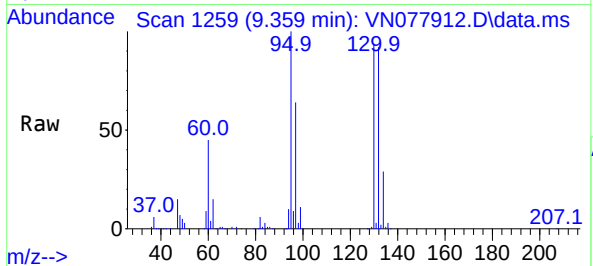




#44
Trichloroethene
Concen: 175.234 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077912.D
Acq: 25 May 2023 19:14

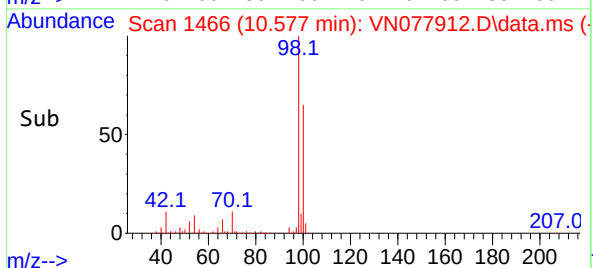
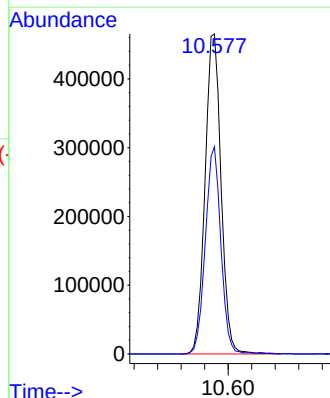
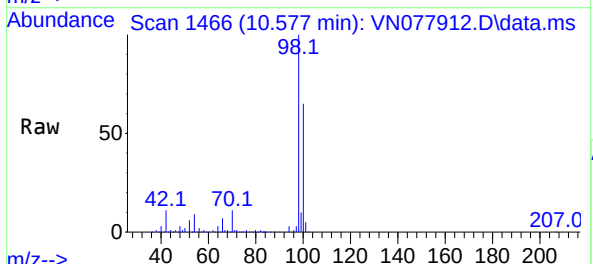
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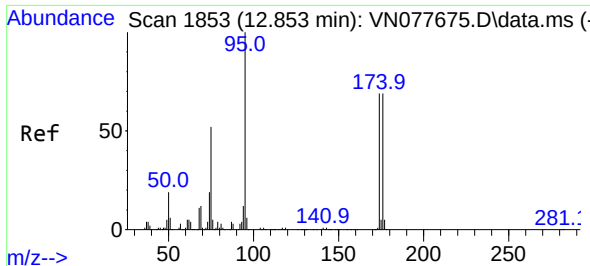
Tgt Ion:130 Resp: 899996
Ion Ratio Lower Upper
130 100
95 107.6 0.0 204.6



#50
Toluene-d8
Concen: 48.669 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077912.D
Acq: 25 May 2023 19:14

Tgt Ion: 98 Resp: 880333
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

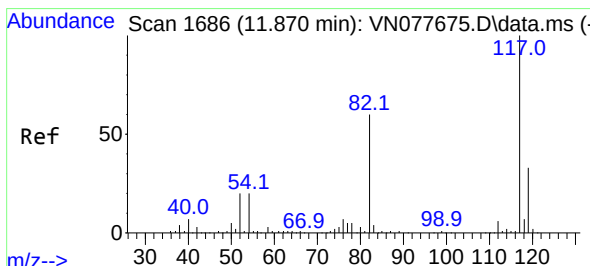
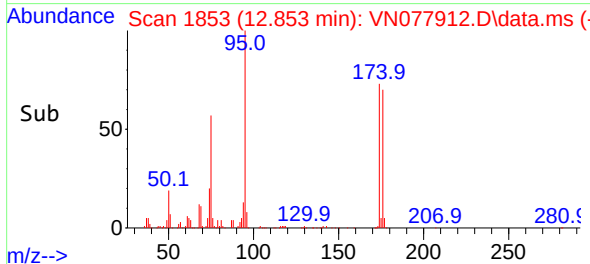
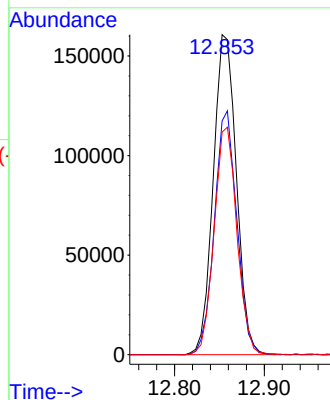
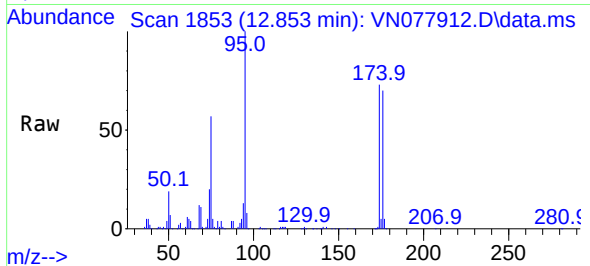




#62
4-Bromofluorobenzene
Concen: 45.071 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077912.D
Acq: 25 May 2023 19:14

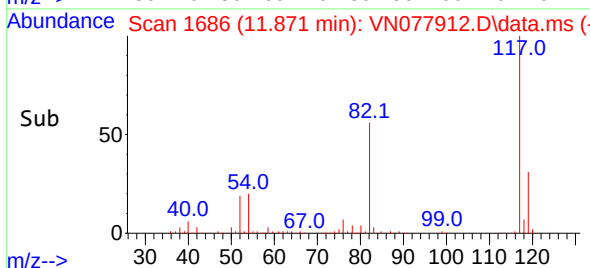
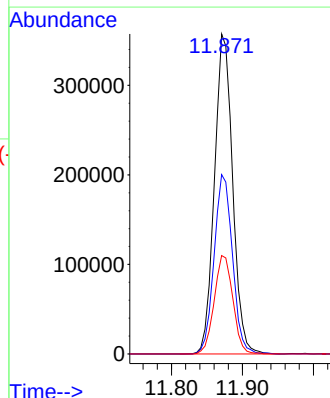
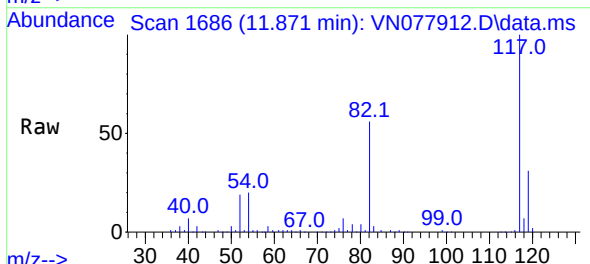
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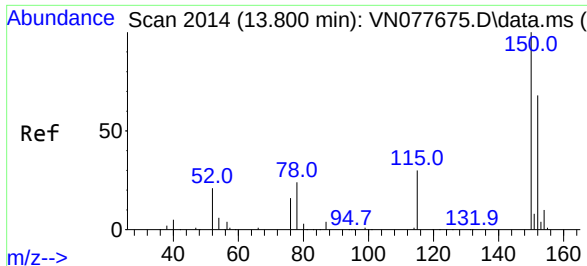
Tgt Ion: 95 Resp: 287928
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077912.D
Acq: 25 May 2023 19:14

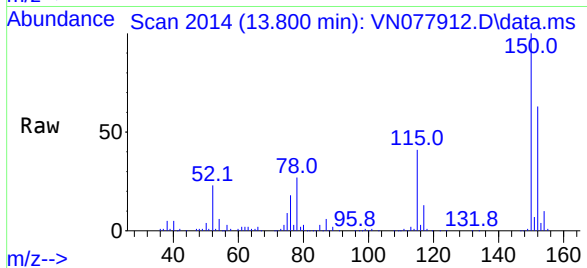
Tgt Ion: 117 Resp: 635383
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 30.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077912.D
 Acq: 25 May 2023 19:14

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20230522



Tgt Ion:152 Resp: 204623
 Ion Ratio Lower Upper
 152 100
 115 63.5 32.3 96.8
 150 159.2 0.0 355.8

