

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077810.D
 Acq On : 23 May 2023 12:43
 Operator : JC\MD
 Sample : 02880-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D5-20230517DL

Quant Time: May 24 02:53:51 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

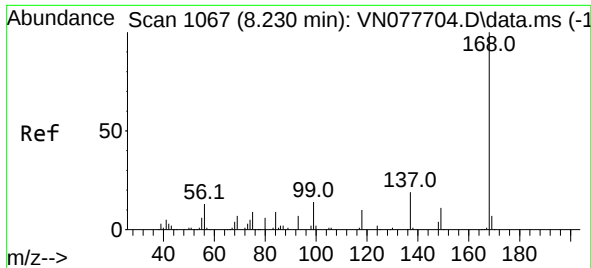
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	383010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	682591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	572011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	184386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	249268	43.496	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.000%
35) Dibromofluoromethane	8.171	113	217372	48.836	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.680%
50) Toluene-d8	10.571	98	819898	47.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.720%
62) 4-Bromofluorobenzene	12.859	95	256249	42.349	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	1213	0.278	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	8852	2.088	ug/l #	47
12) 1,1-Dichloroethene	4.347	96	1924	0.478	ug/l #	79
27) cis-1,2-Dichloroethene	7.500	96	2101	0.387	ug/l	66
30) Chloroform	7.965	83	2481	0.265	ug/l #	81
44) Trichloroethene	9.359	130	159085	32.702	ug/l	93

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

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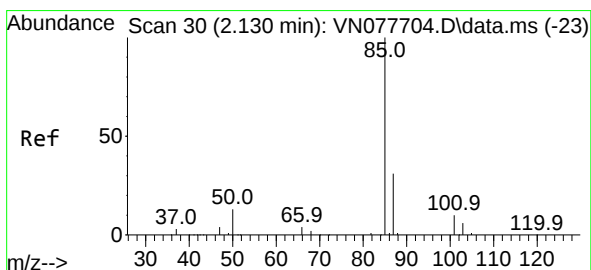
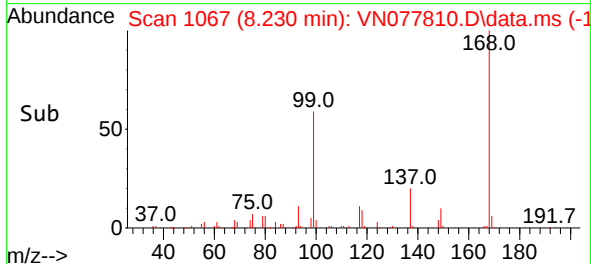
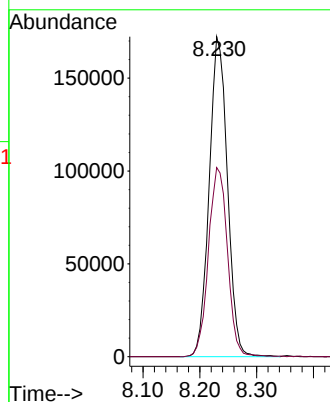
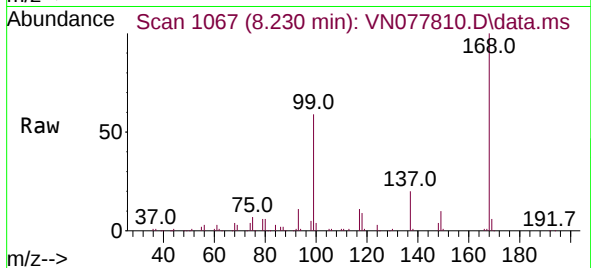




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077810.D
Acq: 23 May 2023 12:43

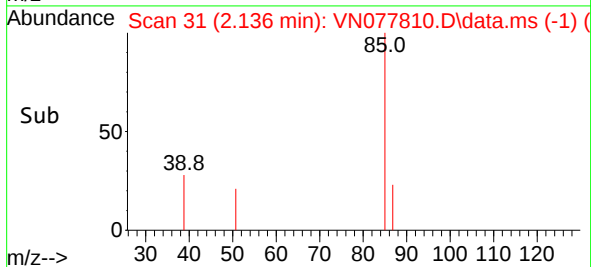
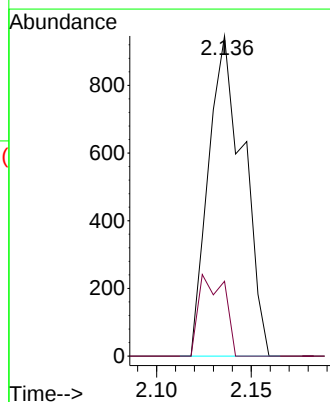
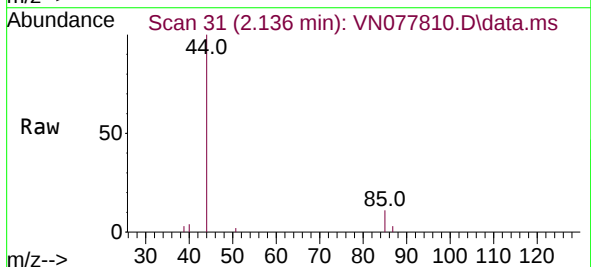
Instrument :
MSVOA_N
ClientSampleId :
RE132D5-20230517DL

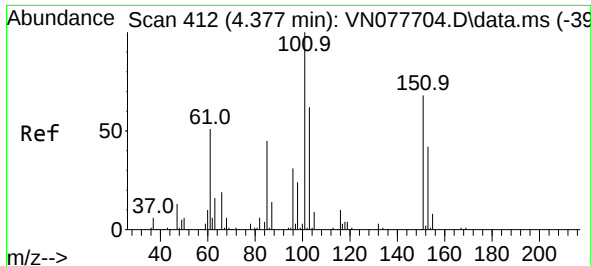
Tgt Ion:168 Resp: 383010
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.278 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077810.D
Acq: 23 May 2023 12:43

Tgt Ion: 85 Resp: 1213
Ion Ratio Lower Upper
85 100
87 23.4 15.8 47.4

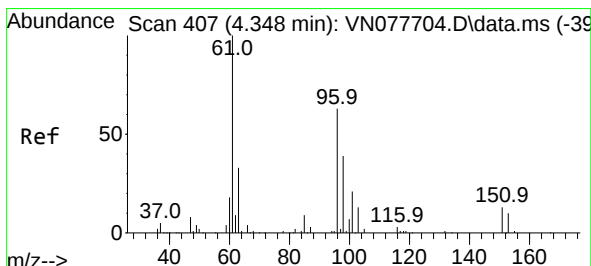
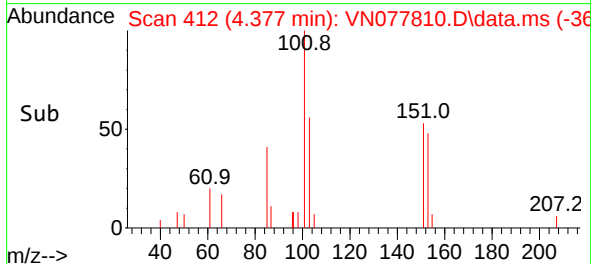
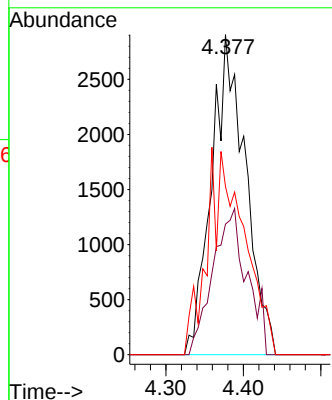
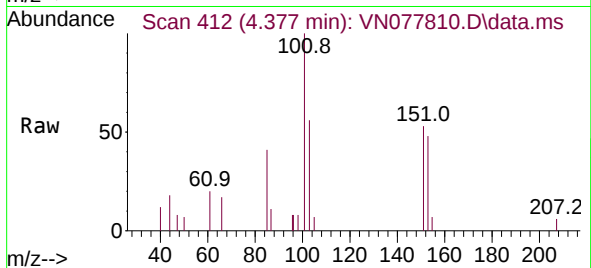




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.088 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077810.D
Acq: 23 May 2023 12:43

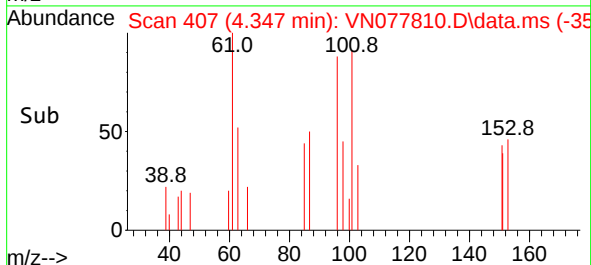
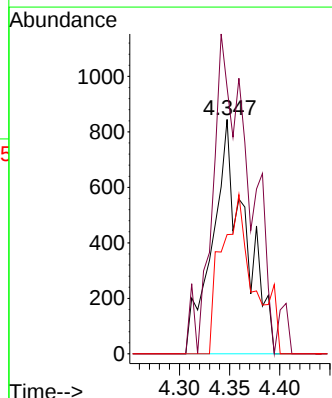
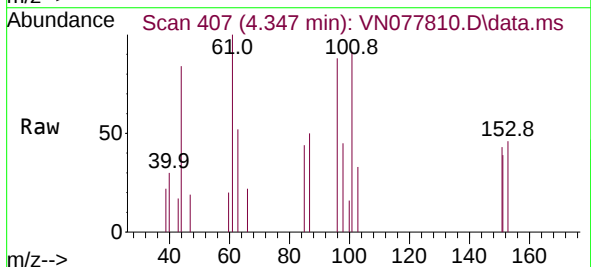
Instrument :
MSVOA_N
ClientSampleId :
RE132D5-20230517DL

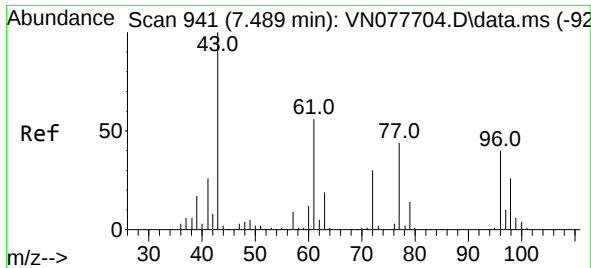
Tgt Ion:101 Resp: 8852
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 0.0 57.6 86.4#



#12
1,1-Dichloroethene
Concen: 0.478 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077810.D
Acq: 23 May 2023 12:43

Tgt Ion: 96 Resp: 1924
Ion Ratio Lower Upper
96 100
61 113.6 112.7 169.1
98 50.9 51.2 76.8#

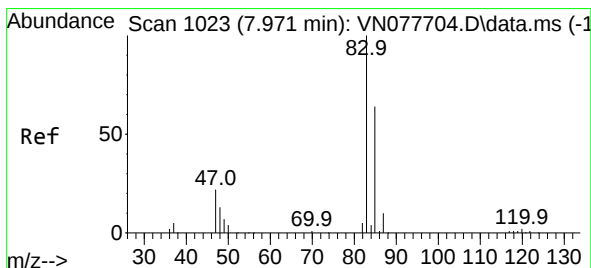
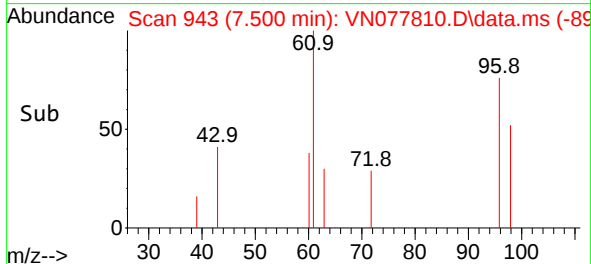
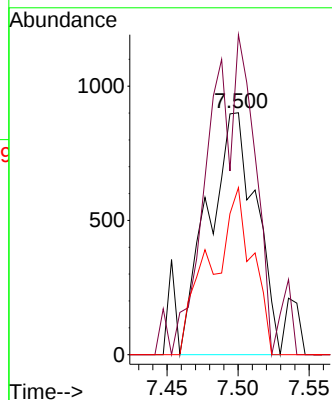
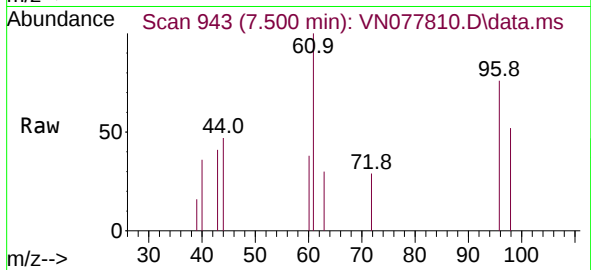




#27
 cis-1,2-Dichloroethene
 Concen: 0.387 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077810.D
 Acq: 23 May 2023 12:43

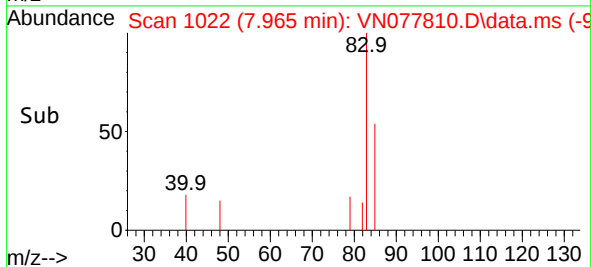
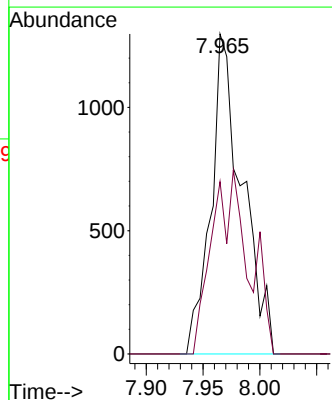
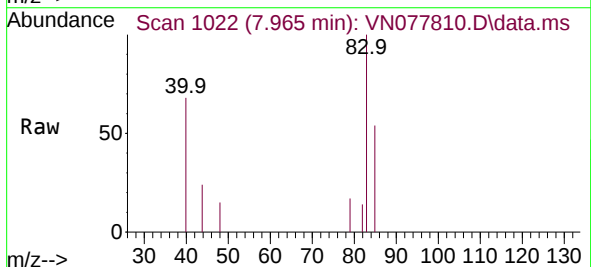
Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D5-20230517DL

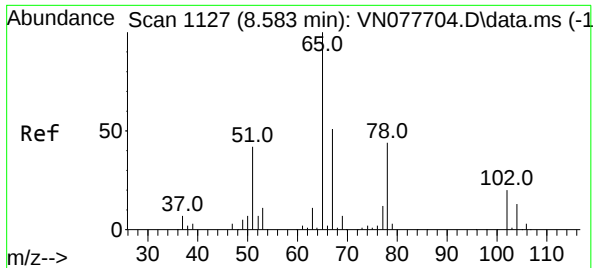
Tgt Ion: 96 Resp: 2101
 Ion Ratio Lower Upper
 96 100
 61 71.6 0.0 255.2
 98 60.3 0.0 128.8



#30
 Chloroform
 Concen: 0.265 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.006 min
 Lab File: VN077810.D
 Acq: 23 May 2023 12:43

Tgt Ion: 83 Resp: 2481
 Ion Ratio Lower Upper
 83 100
 85 53.9 55.4 83.0#





#33

1,2-Dichloroethane-d4

Concen: 43.496 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077810.D

Acq: 23 May 2023 12:43

Instrument :

MSVOA_N

ClientSampleId :

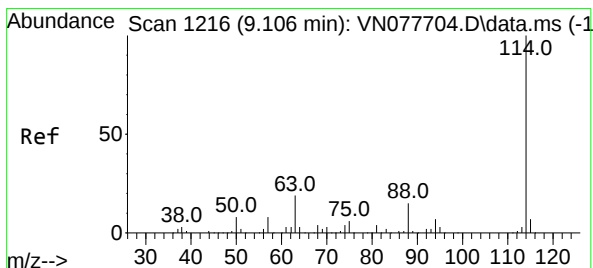
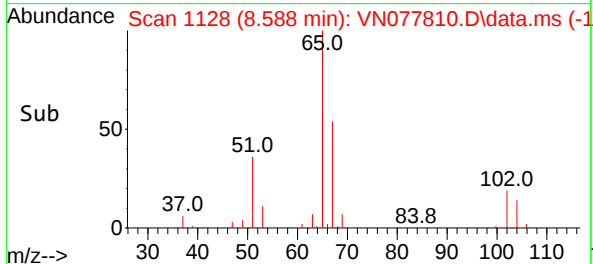
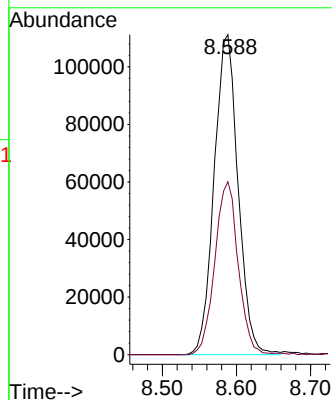
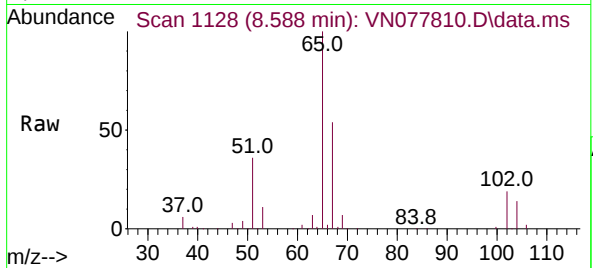
RE132D5-20230517DL

Tgt Ion: 65 Resp: 249268

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077810.D

Acq: 23 May 2023 12:43

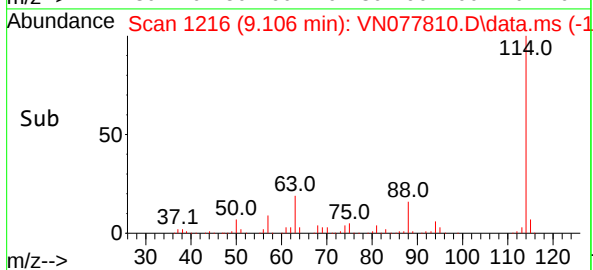
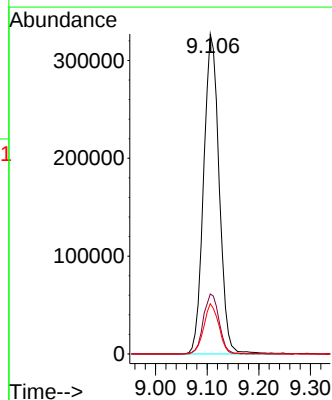
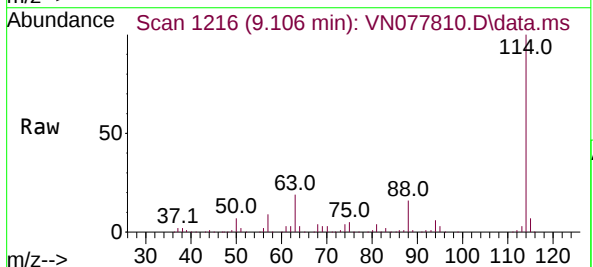
Tgt Ion: 114 Resp: 682591

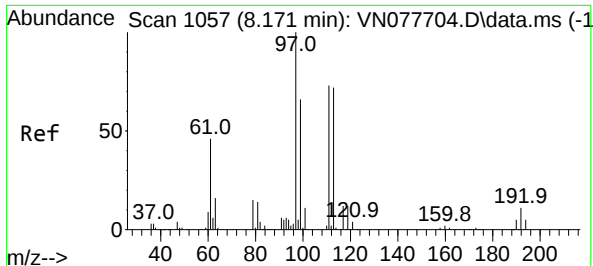
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.7 0.0 30.6

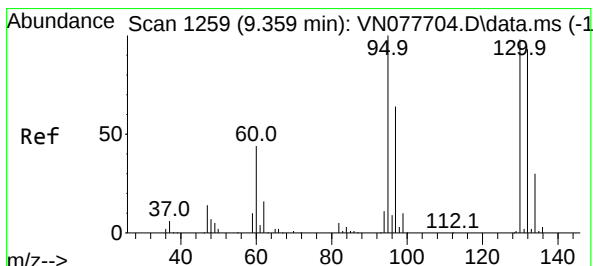
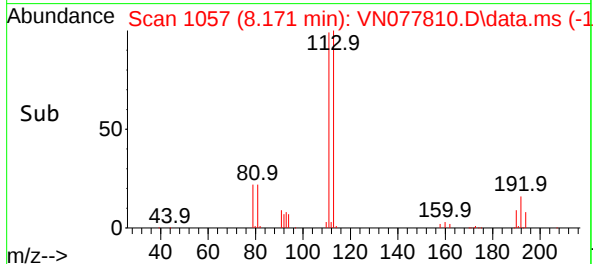
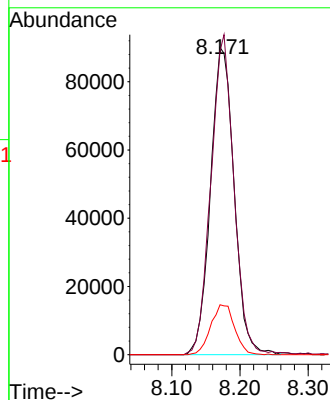
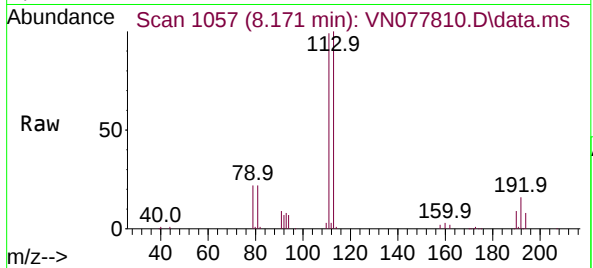




#35
Dibromofluoromethane
Concen: 48.836 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077810.D
Acq: 23 May 2023 12:43

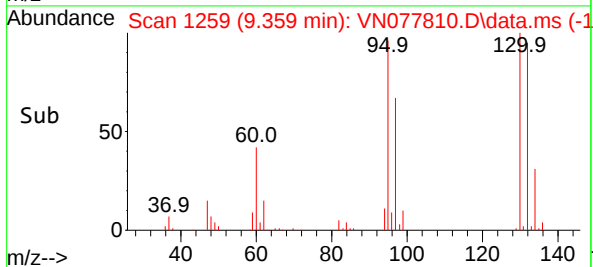
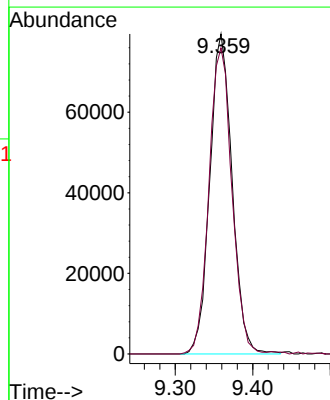
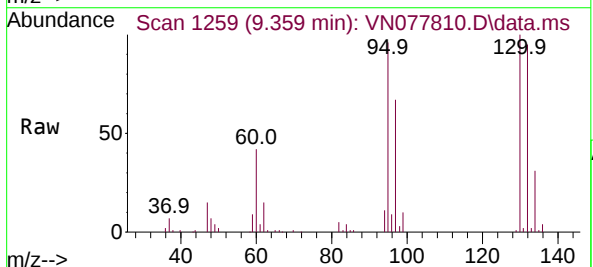
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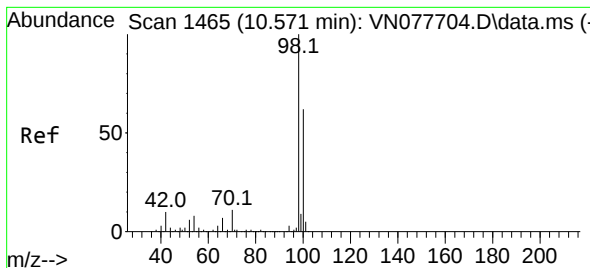
Tgt Ion:113 Resp: 217372
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 16.4 12.7 19.1



#44
Trichloroethene
Concen: 32.702 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077810.D
Acq: 23 May 2023 12:43

Tgt Ion:130 Resp: 159085
Ion Ratio Lower Upper
130 100
95 95.6 0.0 204.6





#50

Toluene-d8

Concen: 47.856 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077810.D

Acq: 23 May 2023 12:43

Instrument :

MSVOA_N

ClientSampleId :

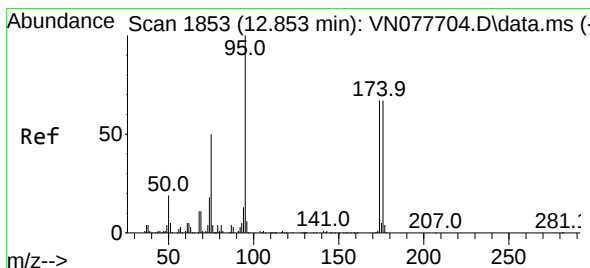
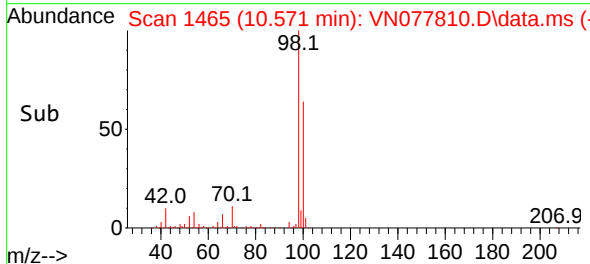
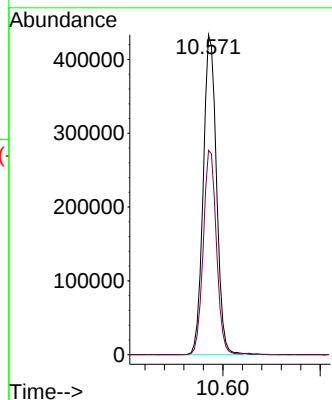
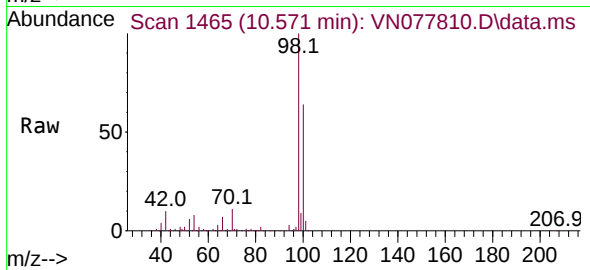
RE132D5-20230517DL

Tgt Ion: 98 Resp: 819898

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.349 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN077810.D

Acq: 23 May 2023 12:43

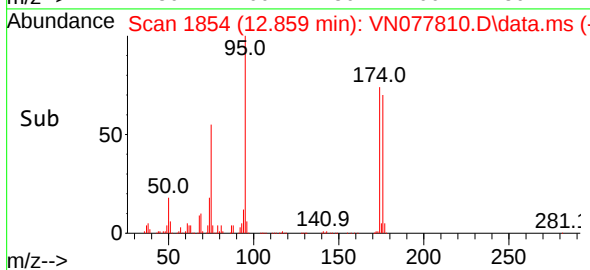
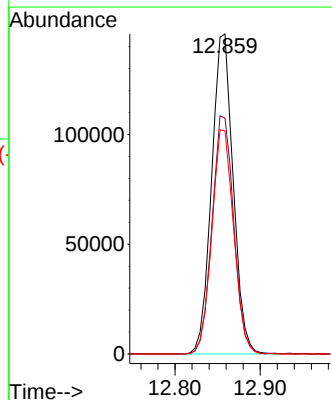
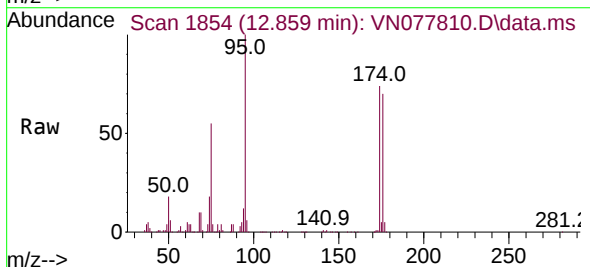
Tgt Ion: 95 Resp: 256249

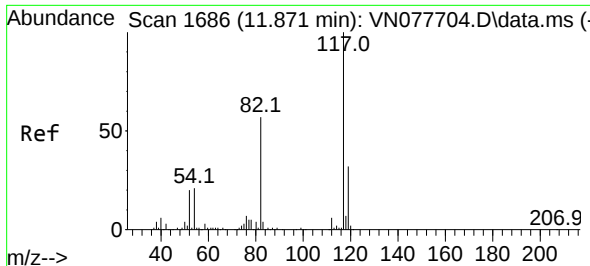
Ion Ratio Lower Upper

95 100

174 75.0 0.0 143.8

176 71.2 0.0 135.8

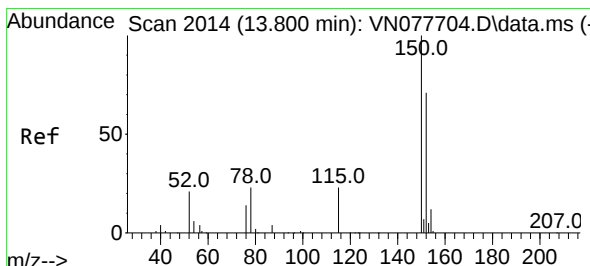
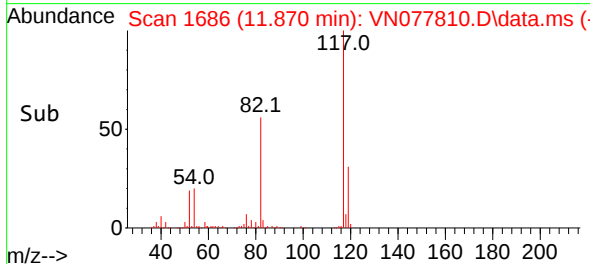
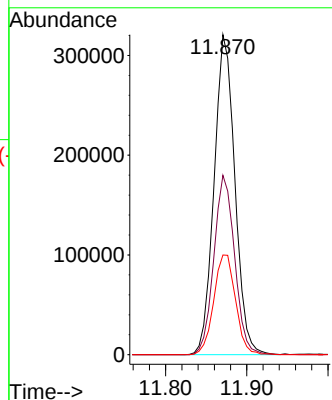
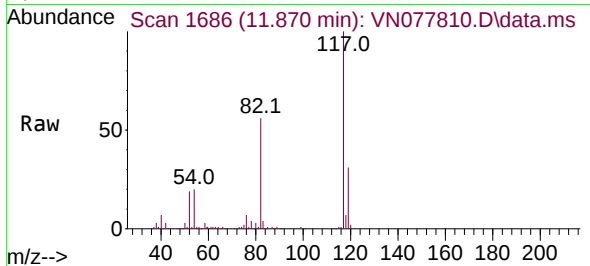




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077810.D
Acq: 23 May 2023 12:43

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 572011
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077810.D
Acq: 23 May 2023 12:43

Tgt Ion:152 Resp: 184386
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 156.3 0.0 355.8

