

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079895.D
 Acq On : 04 Nov 2023 16:05
 Operator : JC\MD
 Sample : 05222-04DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-FD-3-20231101DL

Quant Time: Nov 06 02:15:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

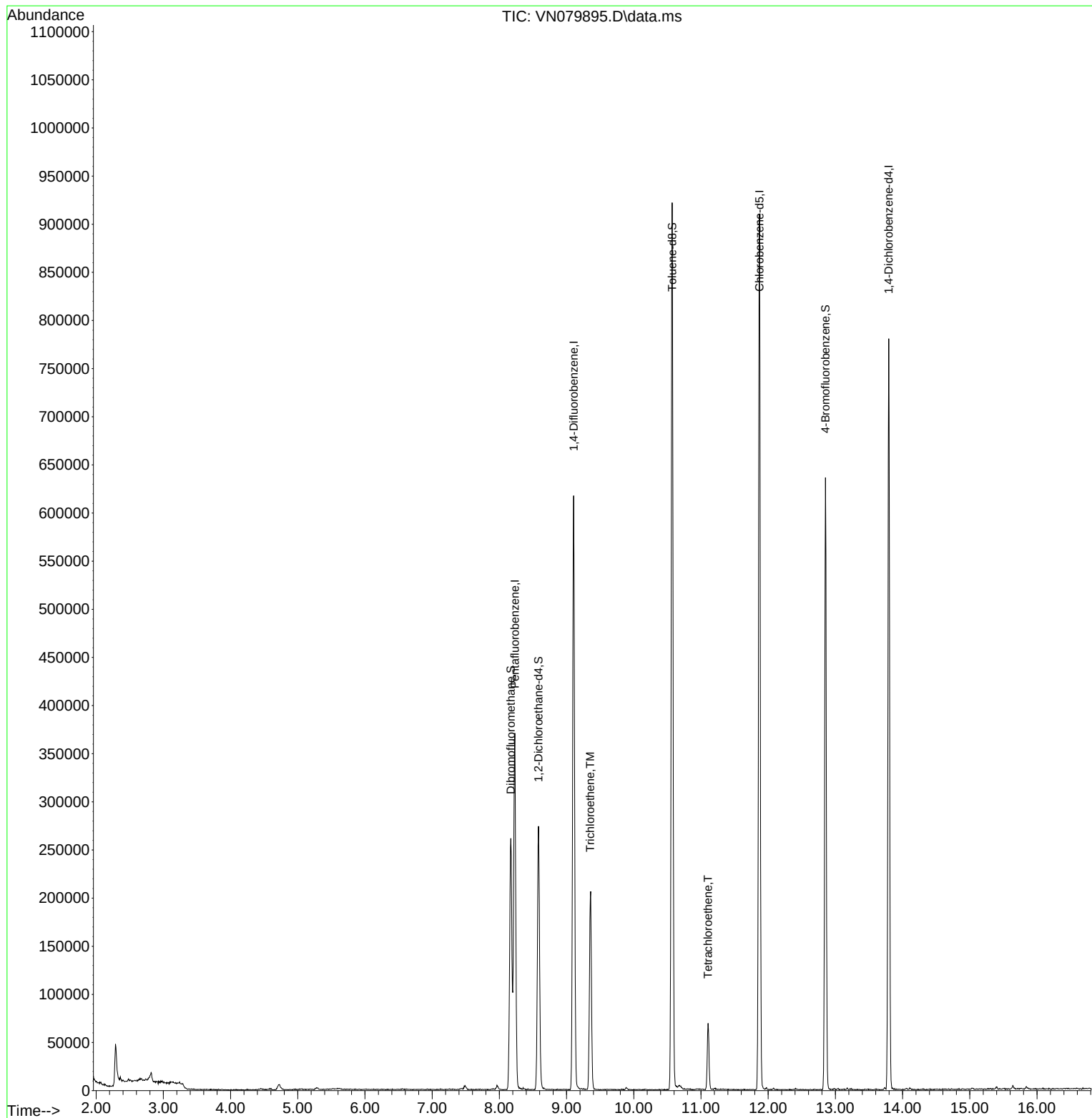
Internal Standards						
1) Pentafluorobenzene	8.230	168	250628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	506314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	506223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	220915	57.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.720%
35) Dibromofluoromethane	8.171	113	182415	50.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	10.571	98	620712	47.052	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.853	95	210746	48.169	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.340%
Target Compounds						
						Qvalue
44) Trichloroethene	9.353	130	75650	19.893	ug/l	99
64) Tetrachloroethene	11.106	164	15264	4.656	ug/l	93

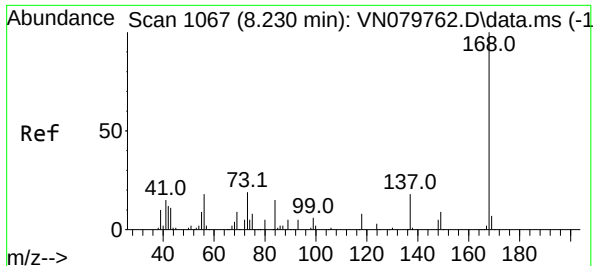
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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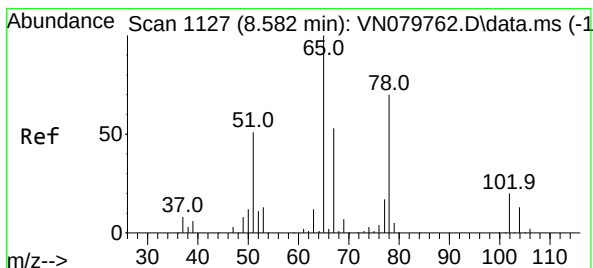
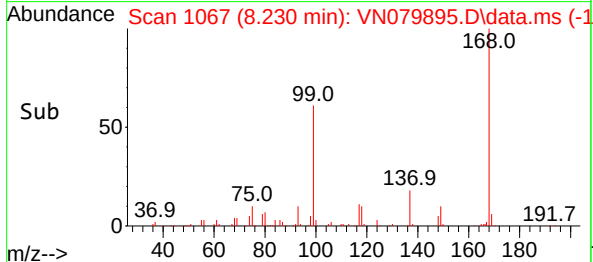
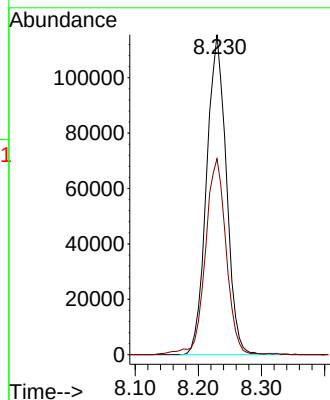
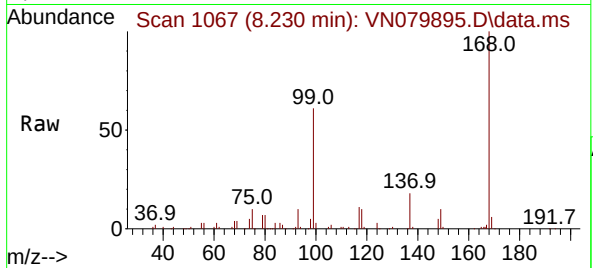




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079895.D
Acq: 04 Nov 2023 16:05

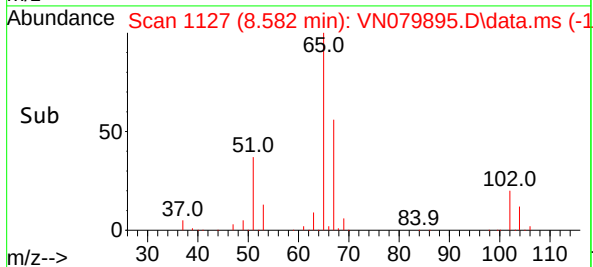
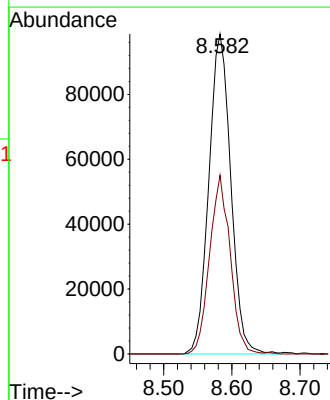
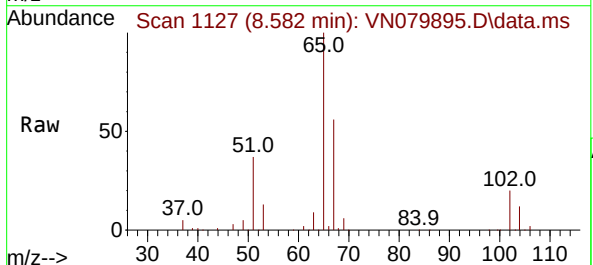
Instrument :
MSVOA_N
ClientSampleId :
FSND-FD-3-20231101DL

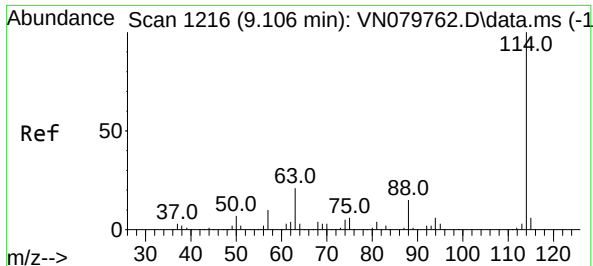
Tgt Ion:168 Resp: 250628
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.855 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079895.D
Acq: 04 Nov 2023 16:05

Tgt Ion: 65 Resp: 220915
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079895.D

Acq: 04 Nov 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

FSND-FD-3-20231101DL

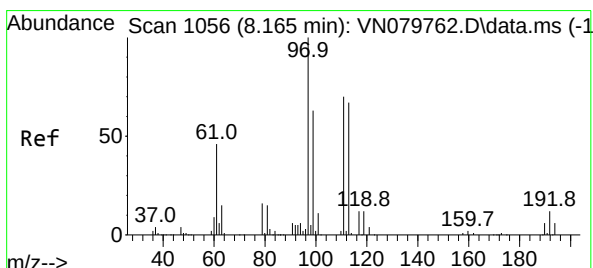
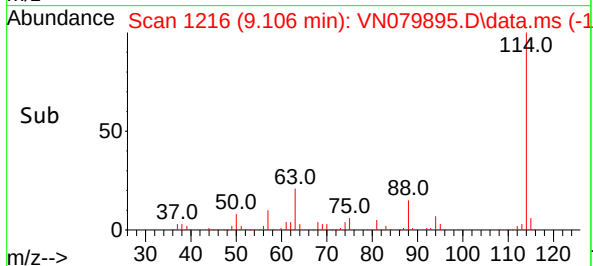
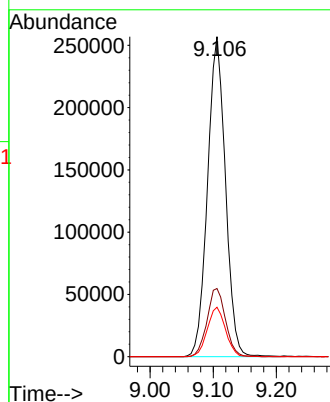
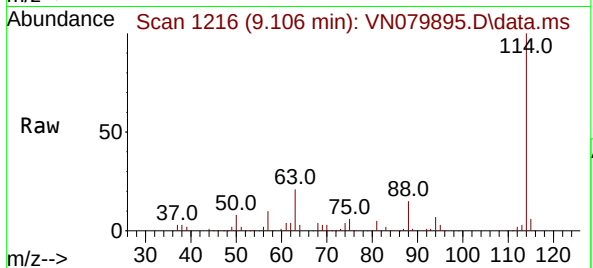
Tgt Ion:114 Resp: 506314

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.904 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079895.D

Acq: 04 Nov 2023 16:05

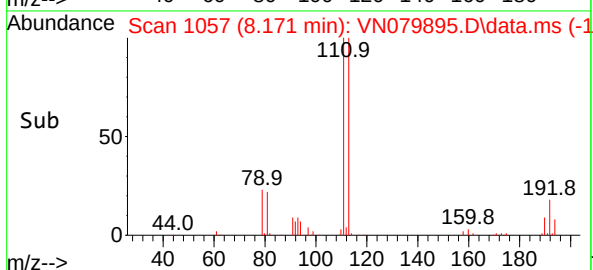
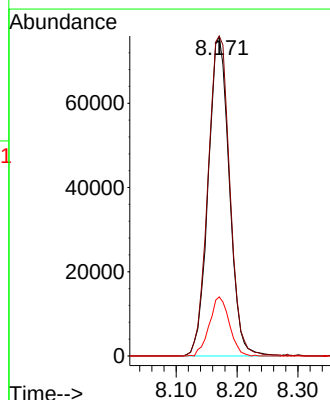
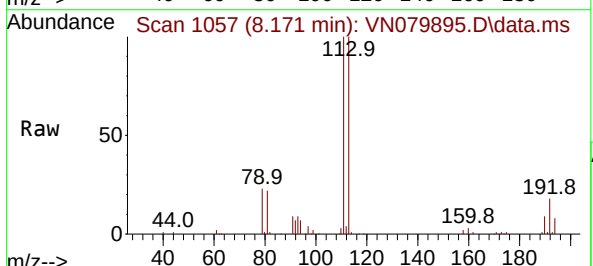
Tgt Ion:113 Resp: 182415

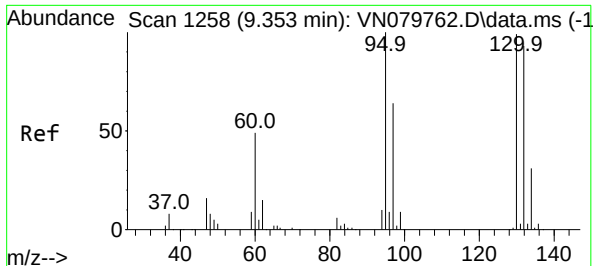
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 17.5 12.7 19.1

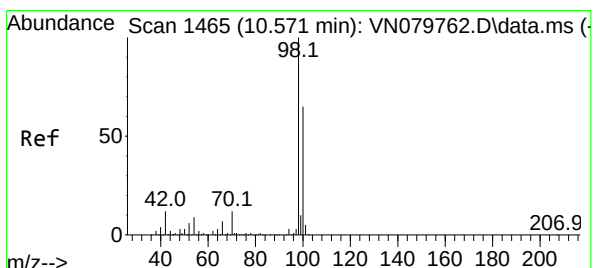
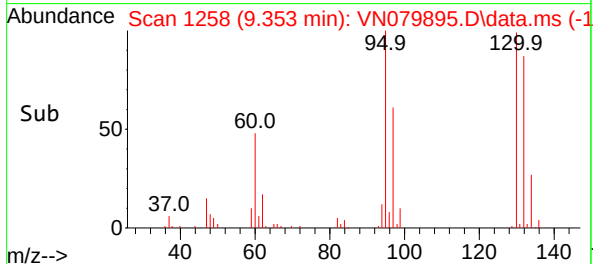
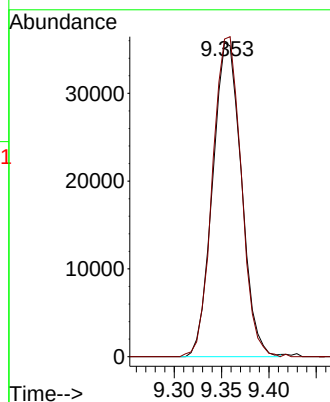
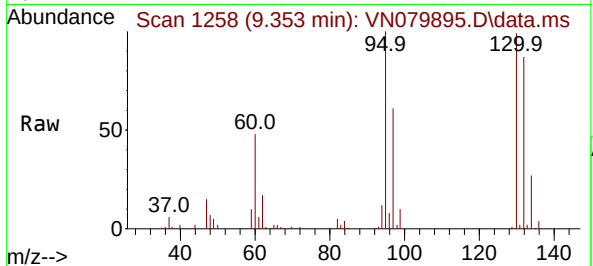




#44
Trichloroethene
Concen: 19.893 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079895.D
Acq: 04 Nov 2023 16:05

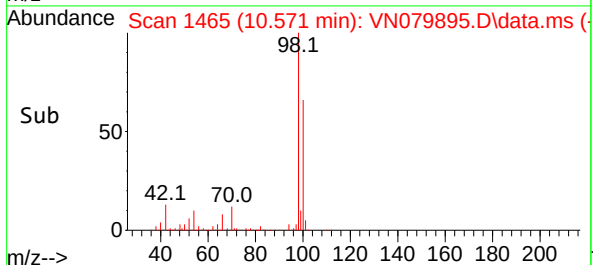
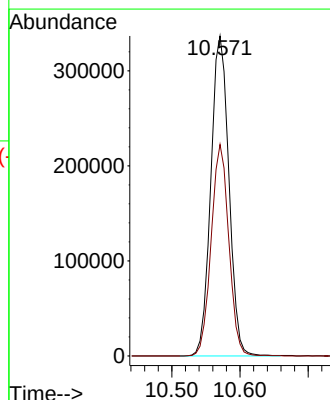
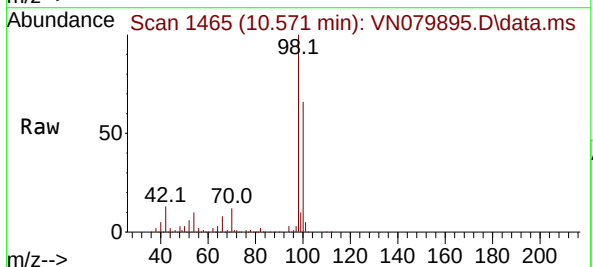
Instrument :
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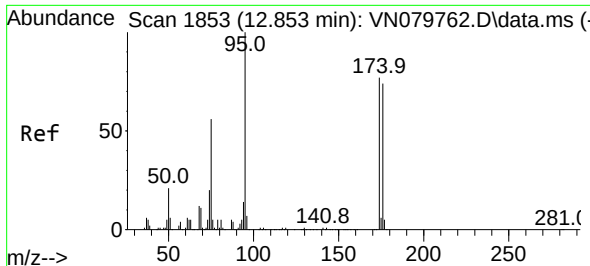
Tgt Ion:130 Resp: 75650
Ion Ratio Lower Upper
130 100
95 101.3 0.0 204.6



#50
Toluene-d8
Concen: 47.052 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079895.D
Acq: 04 Nov 2023 16:05

Tgt Ion: 98 Resp: 620712
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

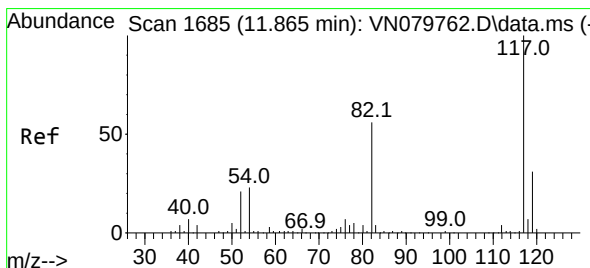
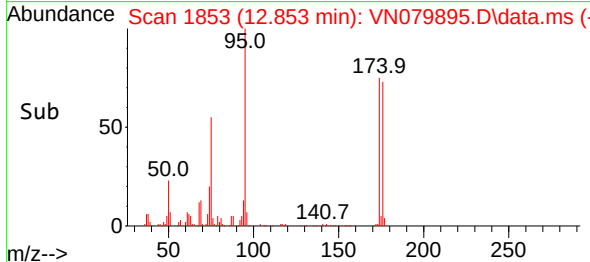
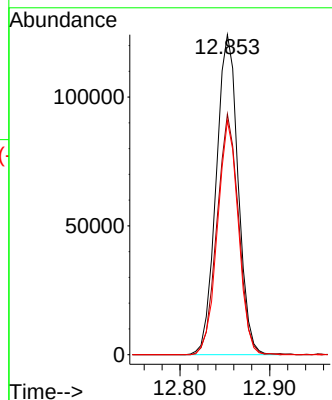
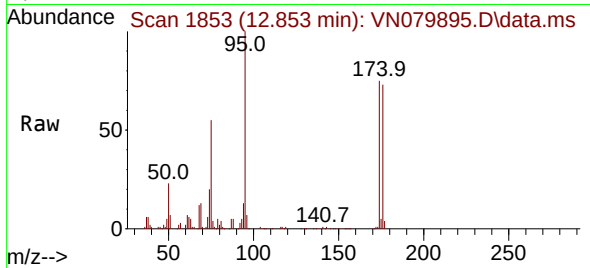




#62
4-Bromofluorobenzene
Concen: 48.169 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079895.D
Acq: 04 Nov 2023 16:05

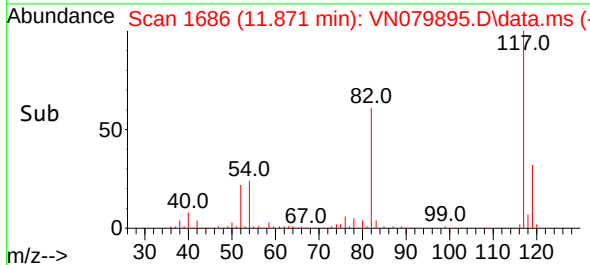
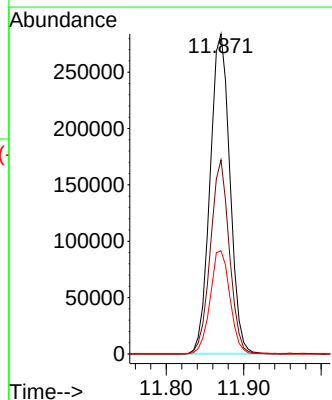
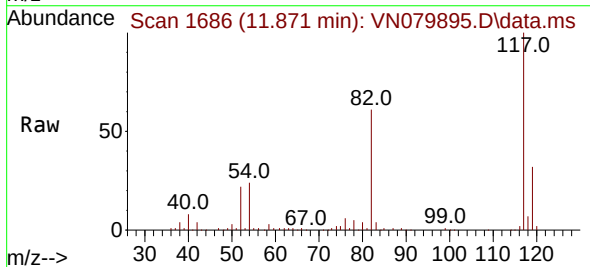
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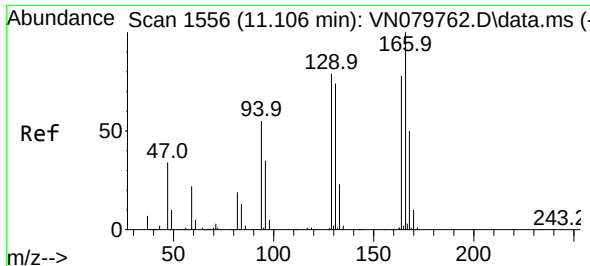
Tgt Ion: 95 Resp: 210746
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.8
176 69.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079895.D
Acq: 04 Nov 2023 16:05

Tgt Ion: 117 Resp: 506223
Ion Ratio Lower Upper
117 100
82 60.7 44.0 66.0
119 32.3 25.6 38.4

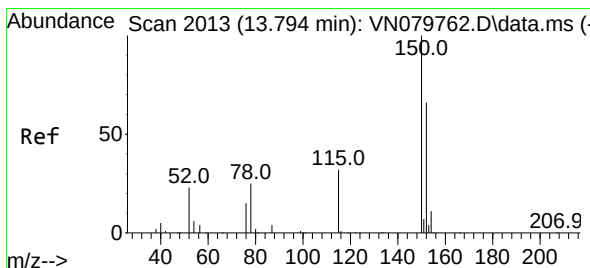
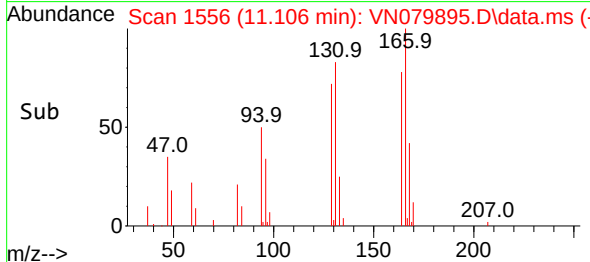
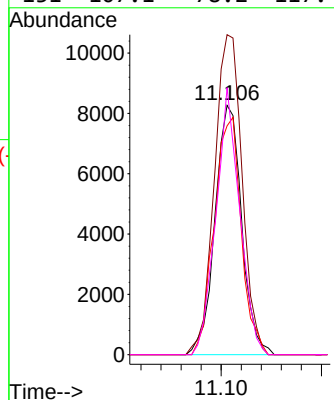
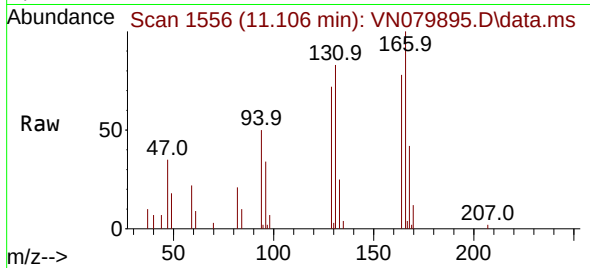




#64
Tetrachloroethene
Concen: 4.656 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079895.D
Acq: 04 Nov 2023 16:05

Instrument :
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ClientSampleId :
FSND-FD-3-20231101DL

Tgt Ion:164	Resp:	15264
Ion	Ratio	Lower Upper
164	100	
166	128.3	101.4 152.0
129	91.8	82.4 123.6
131	107.1	78.2 117.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079895.D
Acq: 04 Nov 2023 16:05

Tgt Ion:152	Resp:	196882
Ion	Ratio	Lower Upper
152	100	
115	63.8	32.3 96.8
150	158.4	0.0 355.8

