

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079964.D
 Acq On : 07 Nov 2023 14:58
 Operator : JC\MD
 Sample : 05222-04DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 08 04:28:38 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)

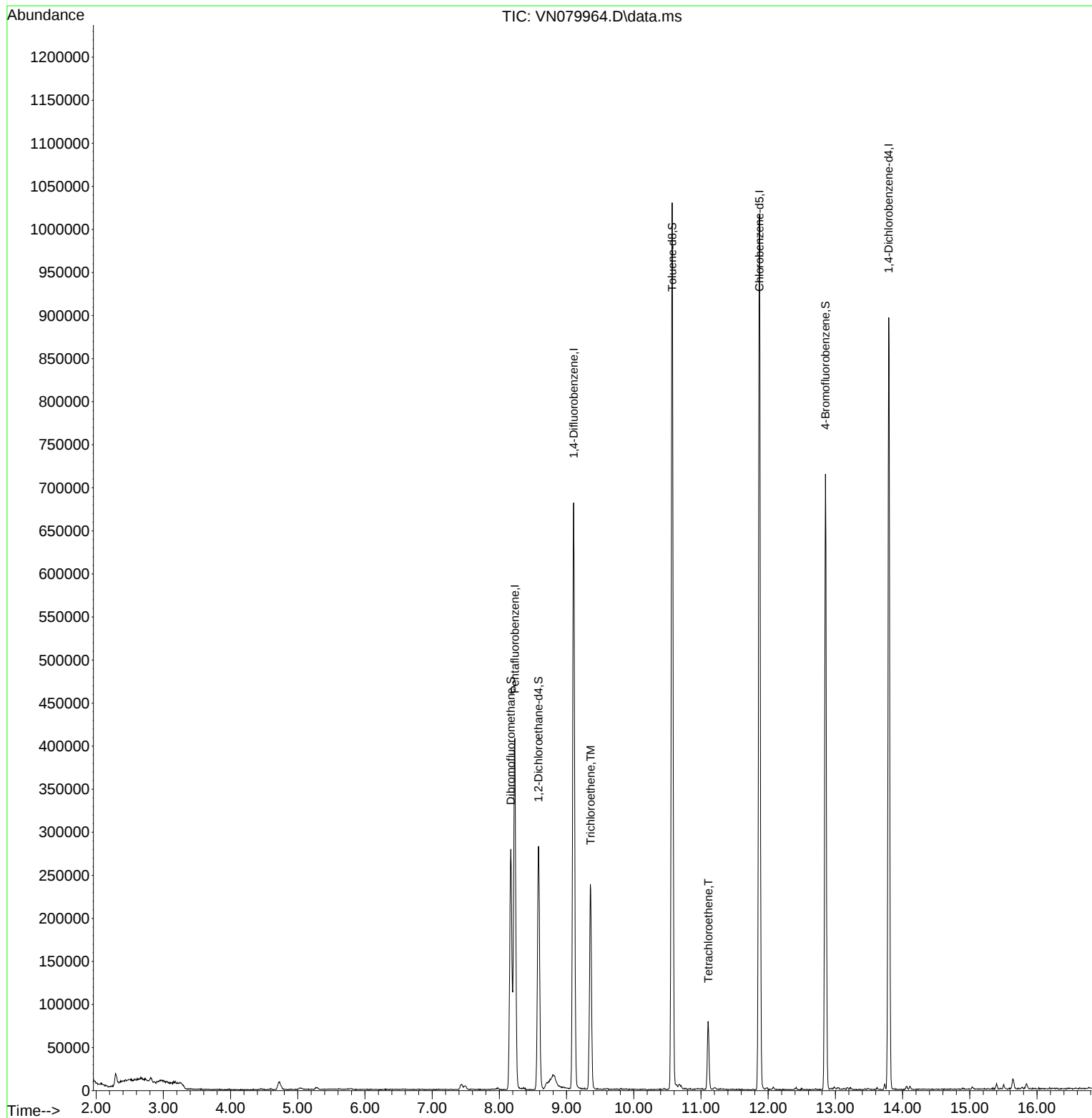
Internal Standards						
1) Pentafluorobenzene	8.229	168	279957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	572787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	235072	55.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.220%
35) Dibromofluoromethane	8.171	113	192680	47.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.020%
50) Toluene-d8	10.571	98	679996	45.541	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.853	95	247614	50.003	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.359	130	82120	19.079	ug/l	96
64) Tetrachloroethene	11.112	164	16943	4.567	ug/l	92

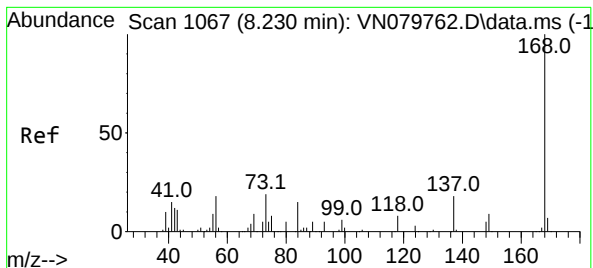
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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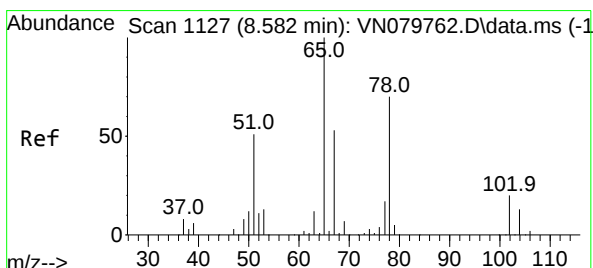
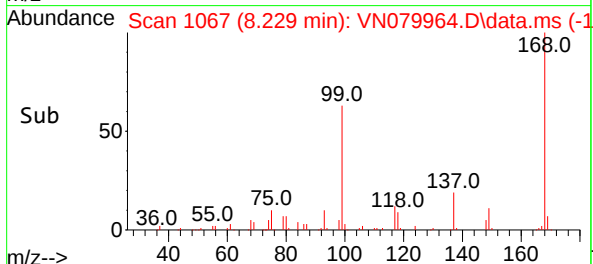
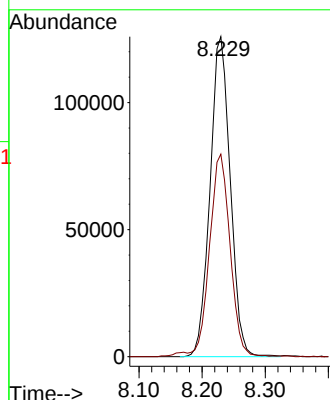
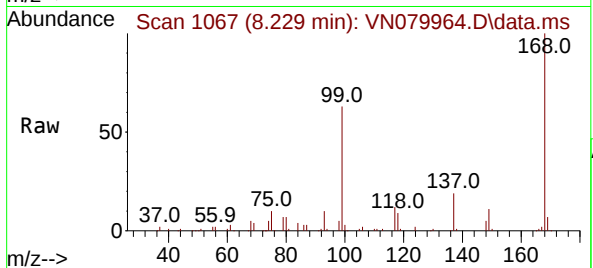




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1107
Delta R.T. 0.001 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

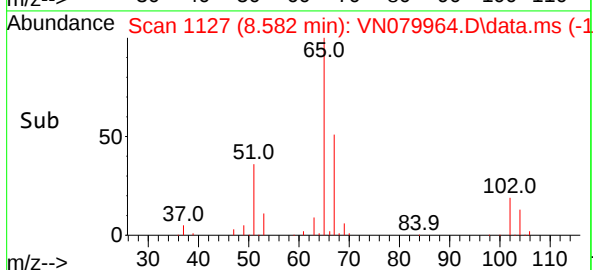
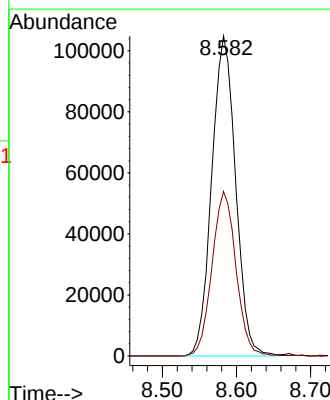
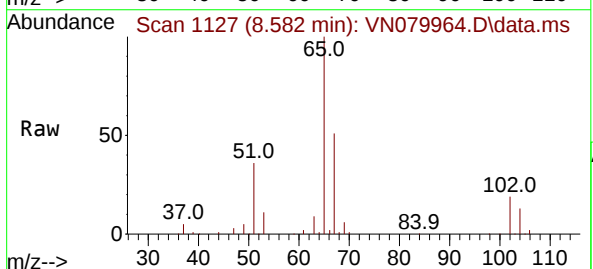
Instrument :
MSVOA_N
ClientSampleId :
FSND-FD-3-20231101DL

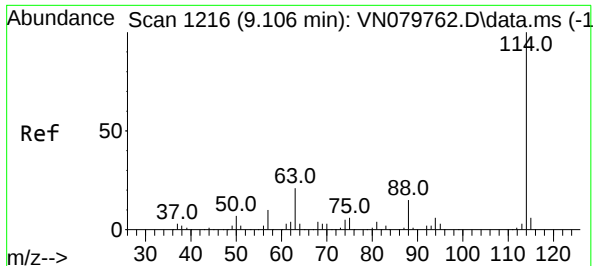
Tgt Ion:168 Resp: 279957
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.113 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion: 65 Resp: 235072
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

FSND-FD-3-20231101DL

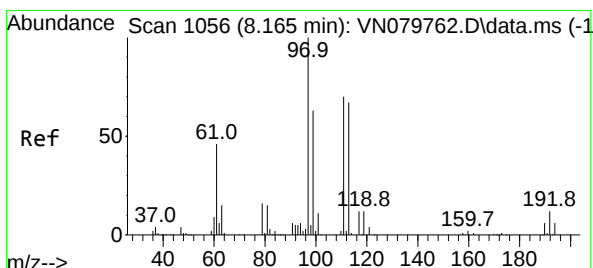
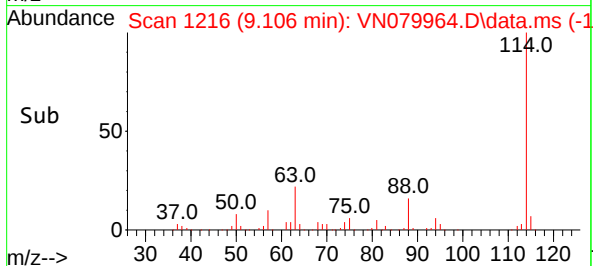
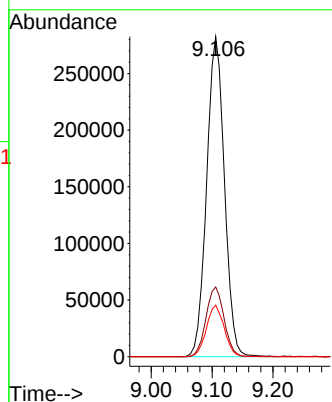
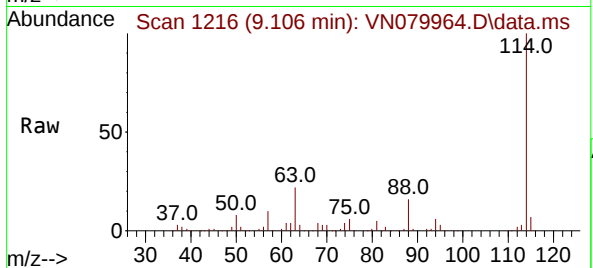
Tgt Ion:114 Resp: 573067

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.506 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079964.D

Acq: 07 Nov 2023 14:58

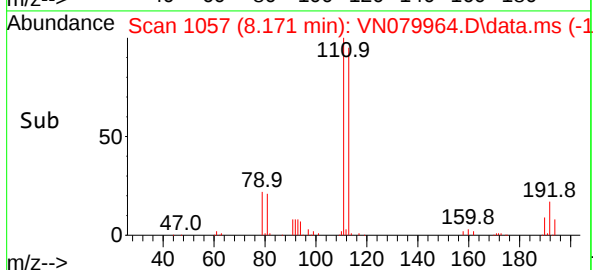
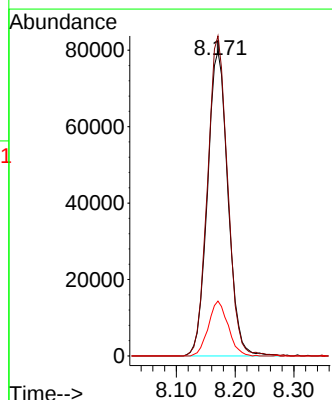
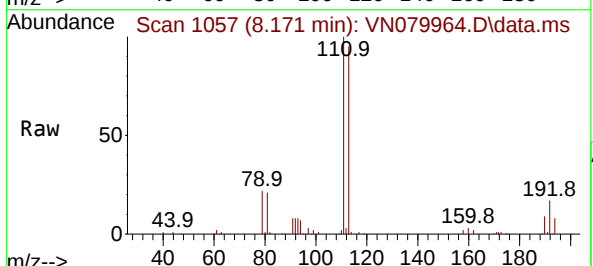
Tgt Ion:113 Resp: 192680

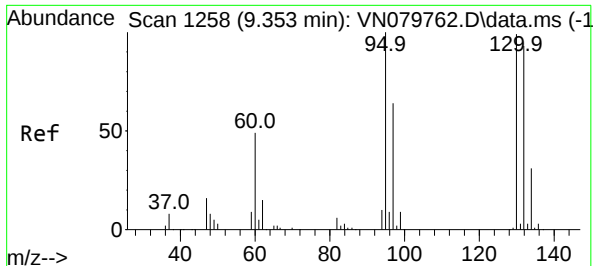
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.3 12.7 19.1

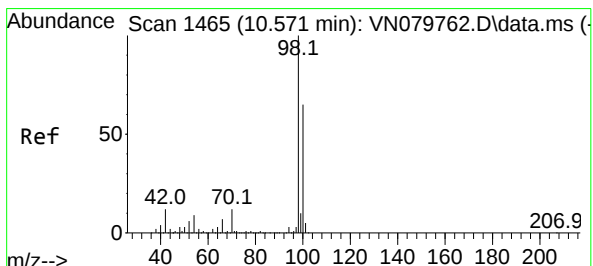
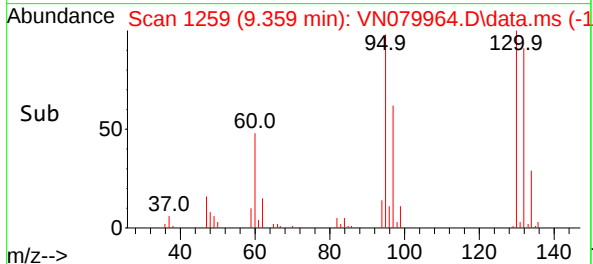
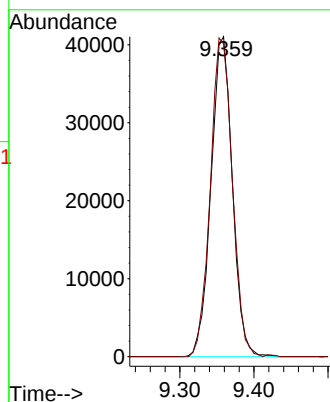
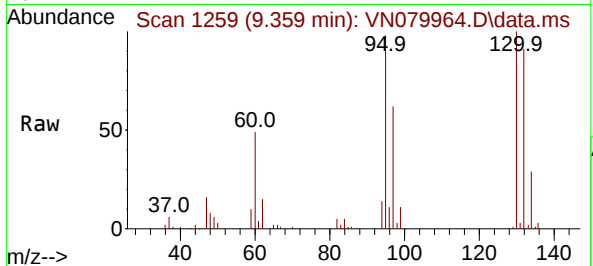




#44
Trichloroethene
Concen: 19.079 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

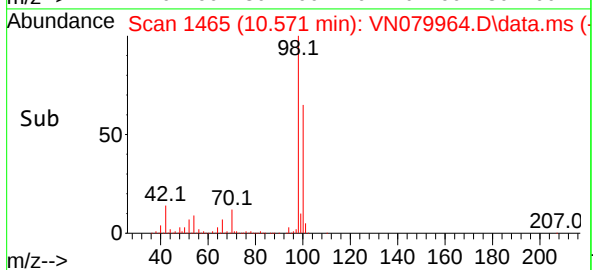
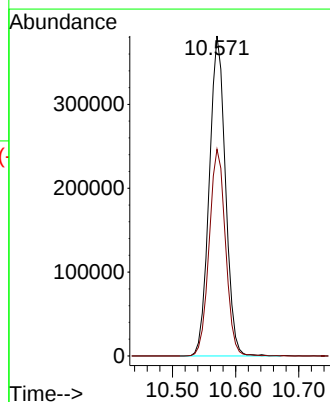
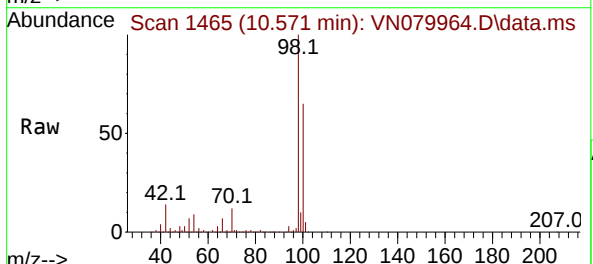
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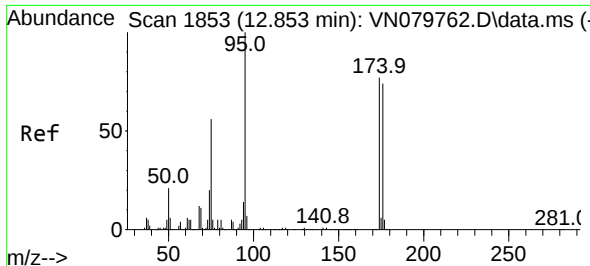
Tgt Ion:130 Resp: 82120
Ion Ratio Lower Upper
130 100
95 97.8 0.0 204.6



#50
Toluene-d8
Concen: 45.541 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion: 98 Resp: 679996
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

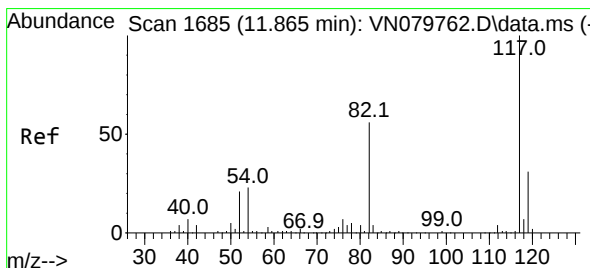
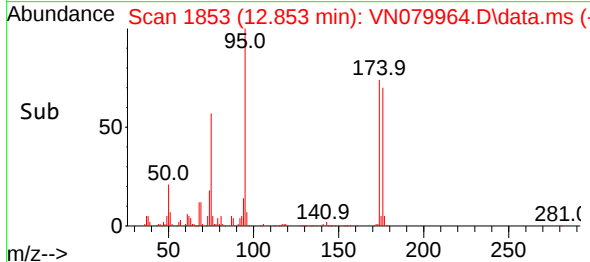
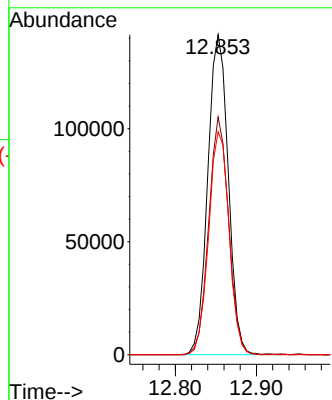
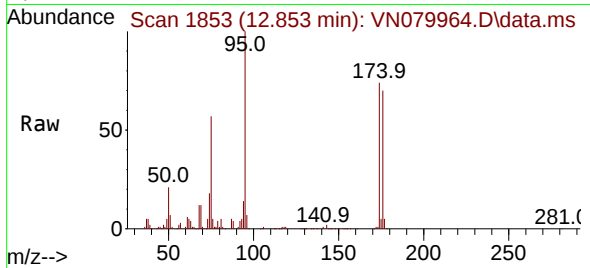




#62
4-Bromofluorobenzene
Concen: 50.003 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

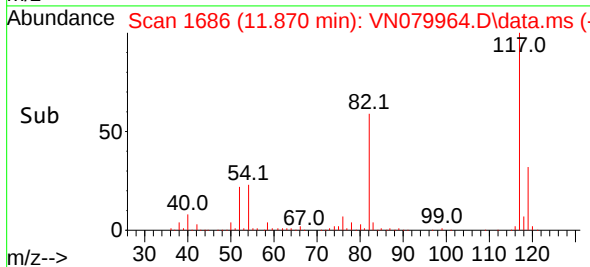
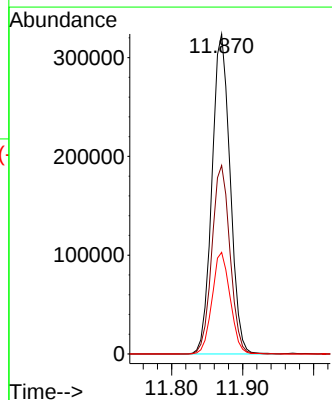
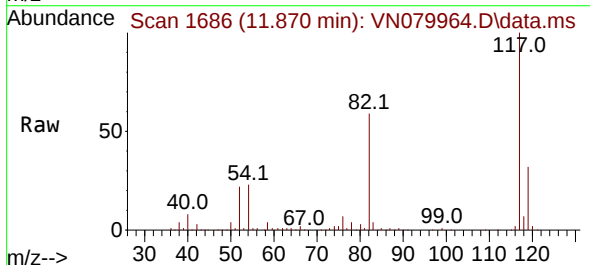
Instrument :
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ClientSampleId :
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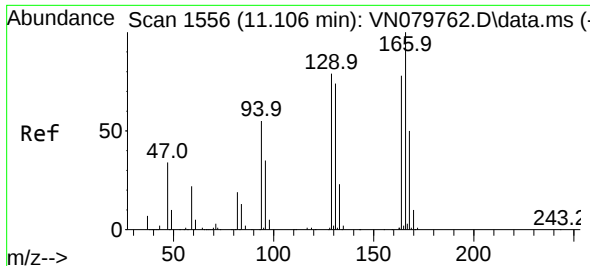
Tgt Ion:	95	Resp:	247614
Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	143.8
176	69.3	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion:	117	Resp:	572787
Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.0	66.0
119	31.7	25.6	38.4

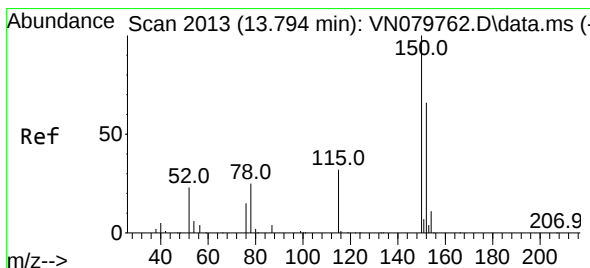
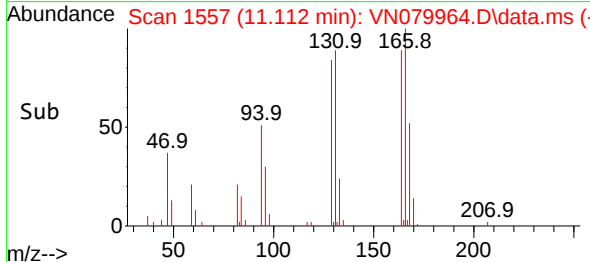
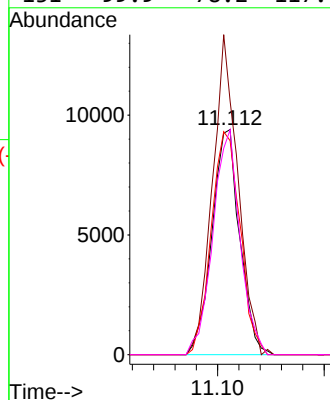
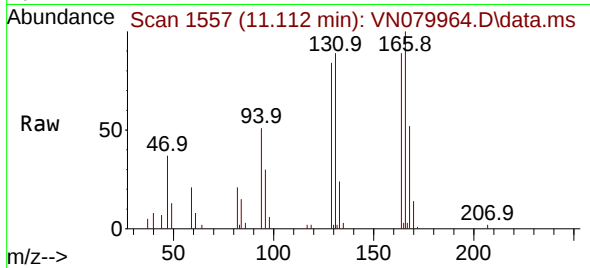




#64
Tetrachloroethene
Concen: 4.567 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079964.D
Acq: 07 Nov 2023 14:58

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

Tgt Ion:164	Resp:	16943
Ion Ratio	Lower	Upper
164	100	
166	112.6	101.4 152.0
129	95.0	82.4 123.6
131	99.9	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: VN079964.D
Acq: 07 Nov 2023 14:58

Tgt Ion:152	Resp:	231253
Ion Ratio	Lower	Upper
152	100	
115	62.0	32.3 96.8
150	157.5	0.0 355.8

