

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079873.D
 Acq On : 04 Nov 2023 03:33
 Operator : JC\MD
 Sample : 05223-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-GEP-4-20231031

Quant Time: Nov 04 04:48:18 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)

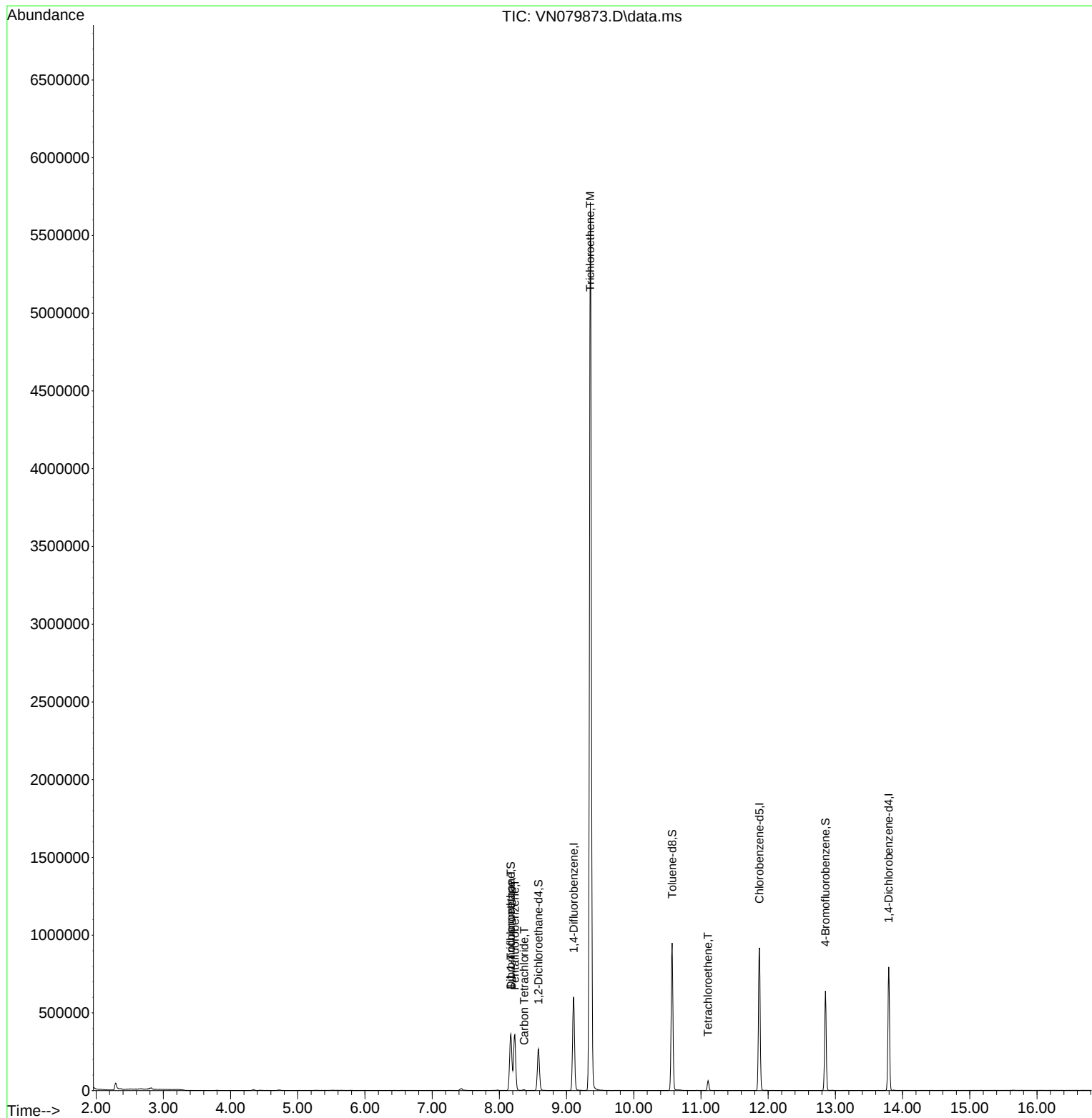
Internal Standards						
1) Pentafluorobenzene	8.230	168	249731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	496316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	520812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	212857	55.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.900%
35) Dibromofluoromethane	8.171	113	178403	50.788	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.580%
50) Toluene-d8	10.571	98	630361	48.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.853	95	206844	48.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.460%
Target Compounds						
						Qvalue
32) 1,1,1-Trichloroethane	8.171	97	91543	17.836	ug/l	94
38) Carbon Tetrachloride	8.371	117	3478	0.688	ug/l	94
44) Trichloroethene	9.353	130	1972762	529.215	ug/l	97
64) Tetrachloroethene	11.106	164	13647	4.046	ug/l	95

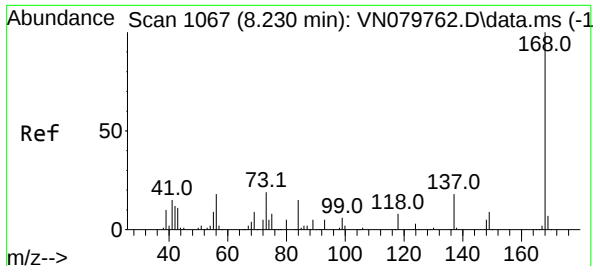
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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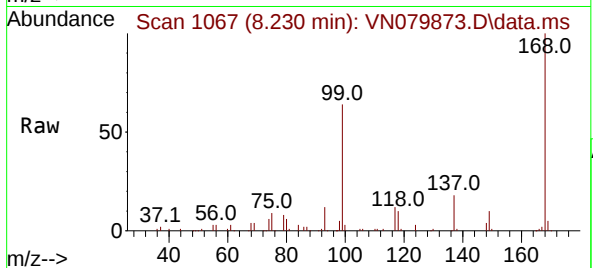
Quant Time: Nov 04 04:48:18 2023
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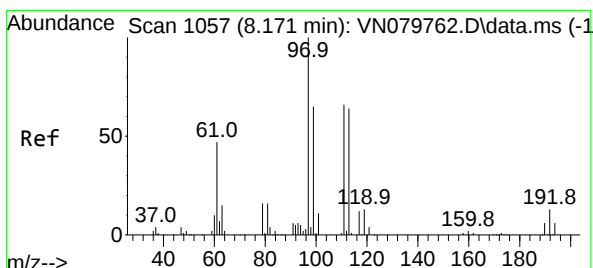
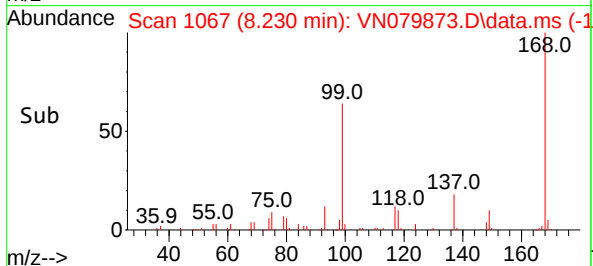
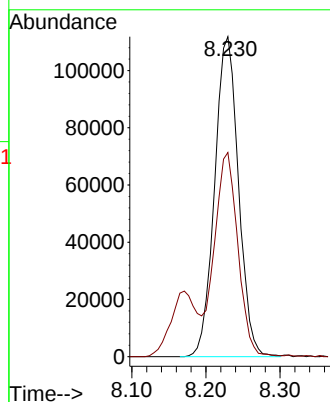


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079873.D
Acq: 04 Nov 2023 03:33

Instrument :
MSVOA_N
ClientSampleId :
FSND-GEP-4-20231031

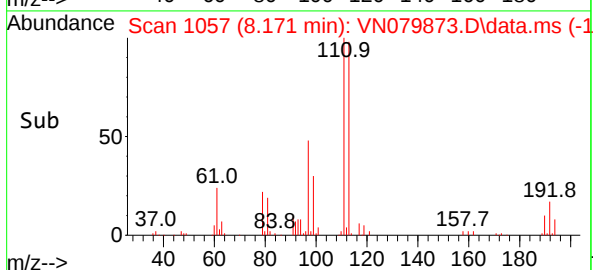
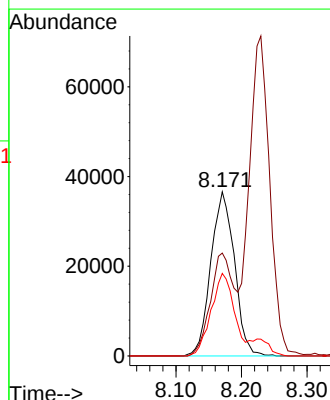
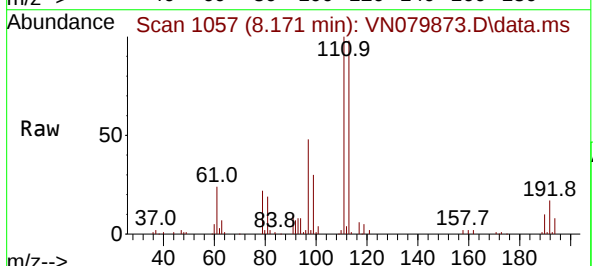


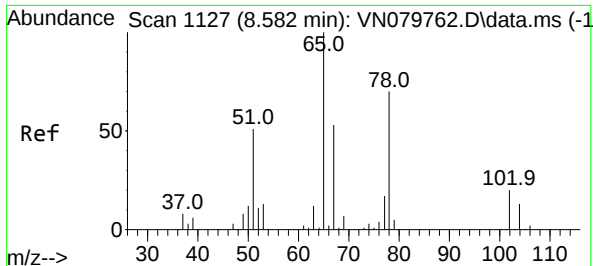
Tgt Ion:168 Resp: 249731
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#32
1,1,1-Trichloroethane
Concen: 17.836 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079873.D
Acq: 04 Nov 2023 03:33

Tgt Ion: 97 Resp: 91543
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 51.5 34.7 52.1

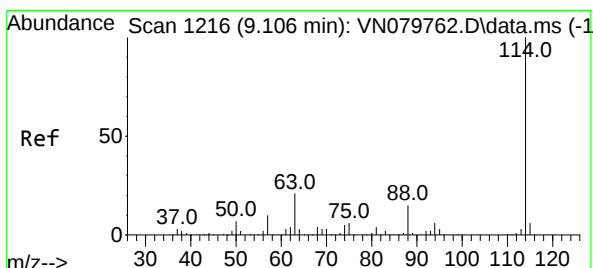
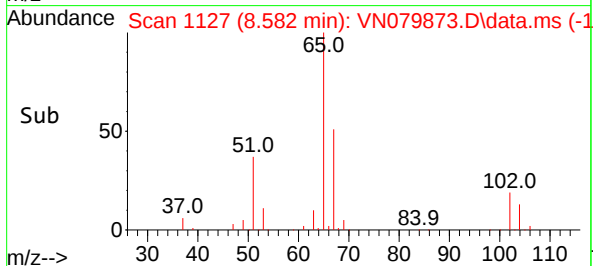
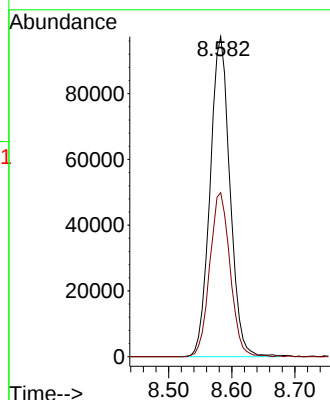
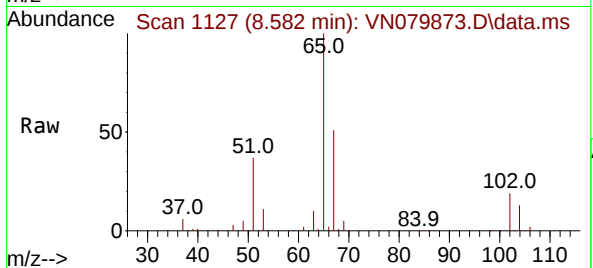




#33
 1,2-Dichloroethane-d4
 Concen: 55.945 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079873.D
 Acq: 04 Nov 2023 03:33

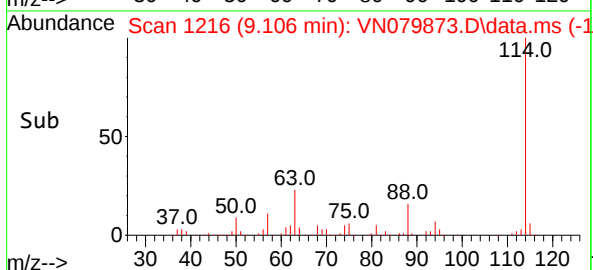
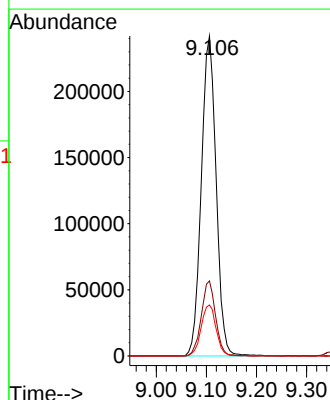
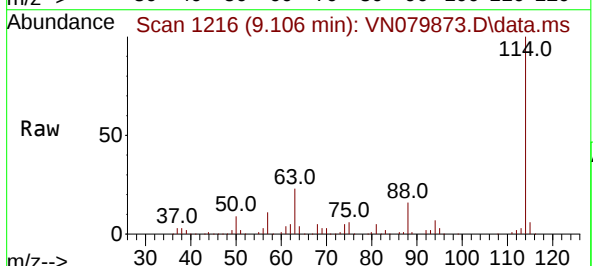
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-GEP-4-20231031

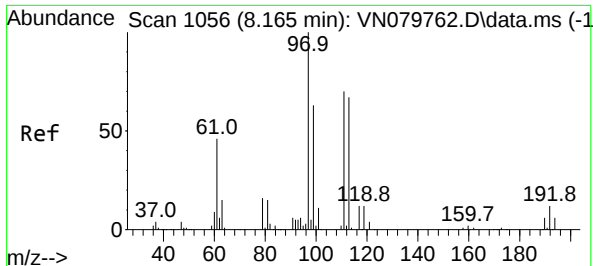
Tgt Ion: 65 Resp: 212857
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079873.D
 Acq: 04 Nov 2023 03:33

Tgt Ion: 114 Resp: 496316
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 36.4
 88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.788 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079873.D

Acq: 04 Nov 2023 03:33

Instrument :

MSVOA_N

ClientSampleId :

FSND-GEP-4-20231031

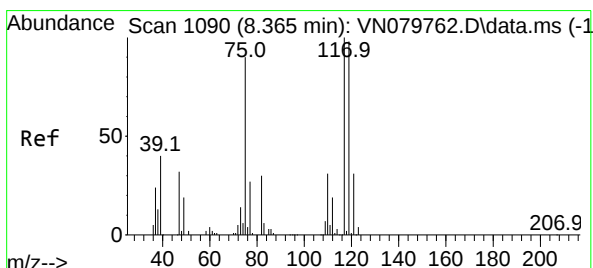
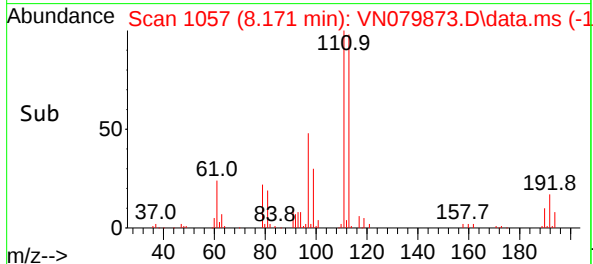
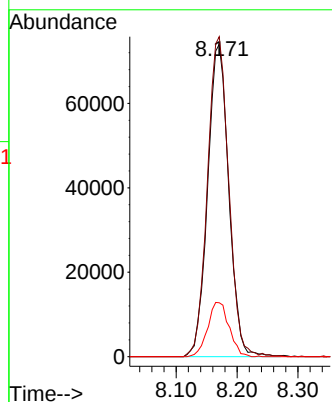
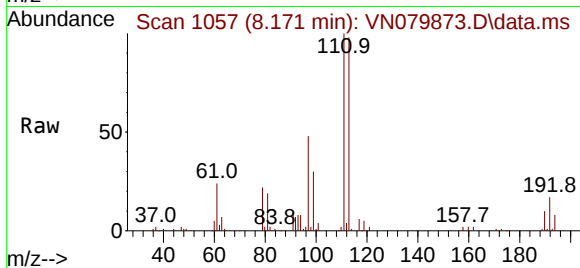
Tgt Ion:113 Resp: 178403

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 17.6 12.7 19.1



#38

Carbon Tetrachloride

Concen: 0.688 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.012 min

Lab File: VN079873.D

Acq: 04 Nov 2023 03:33

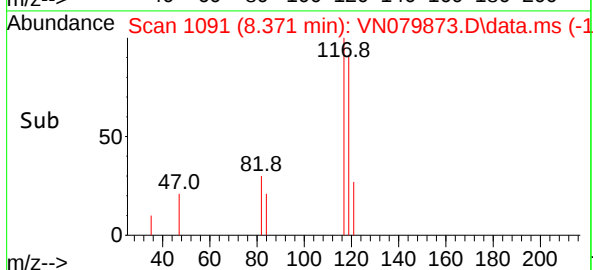
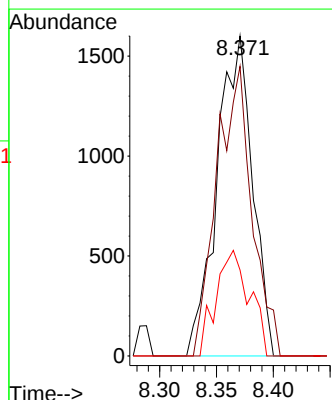
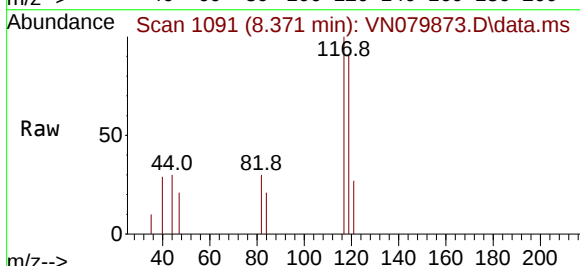
Tgt Ion:117 Resp: 3478

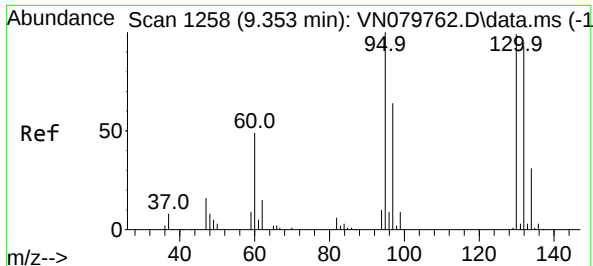
Ion Ratio Lower Upper

117 100

119 90.5 77.3 115.9

121 26.9 23.3 34.9

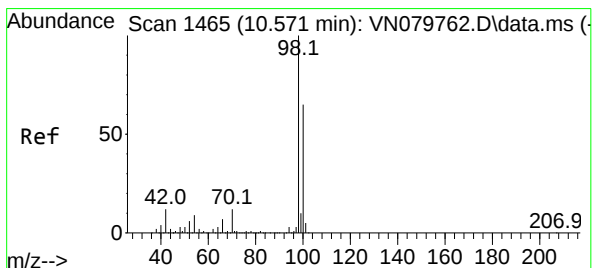
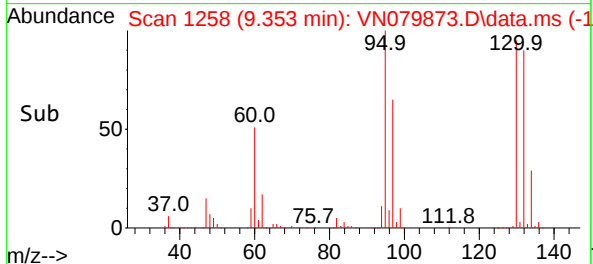
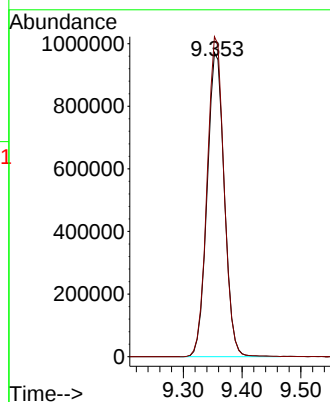
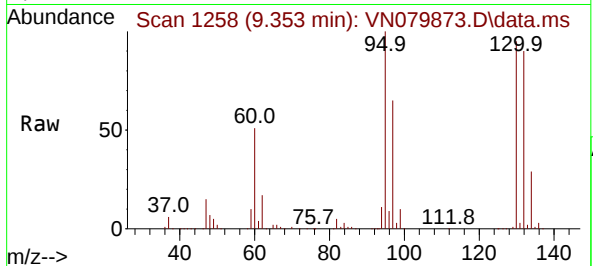




#44
Trichloroethene
Concen: 529.215 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079873.D
Acq: 04 Nov 2023 03:33

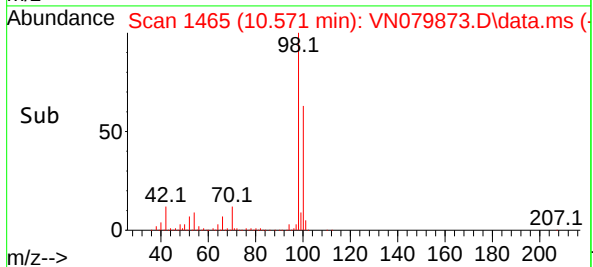
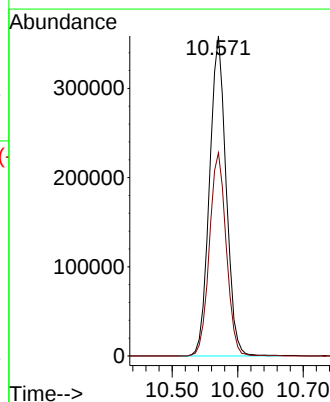
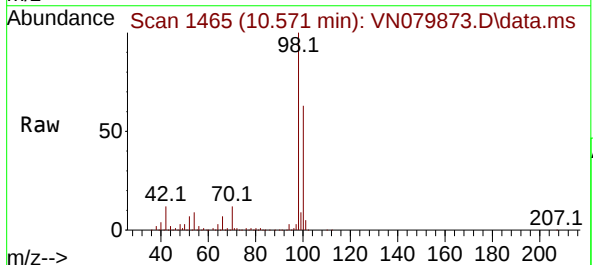
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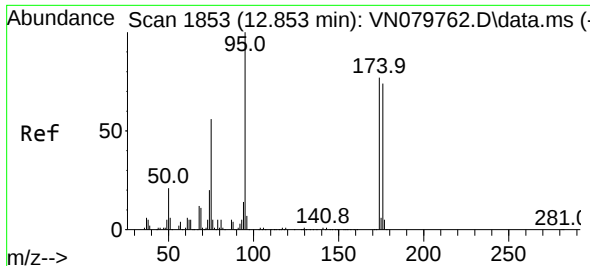
Tgt Ion:130 Resp: 1972762
Ion Ratio Lower Upper
130 100
95 105.2 0.0 204.6



#50
Toluene-d8
Concen: 48.746 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079873.D
Acq: 04 Nov 2023 03:33

Tgt Ion: 98 Resp: 630361
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

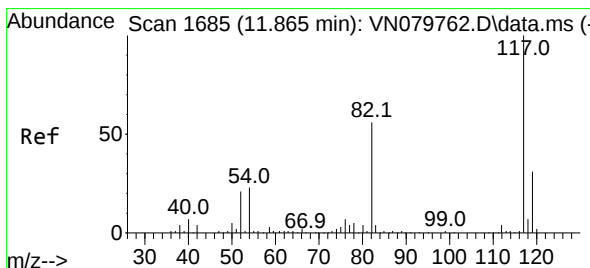
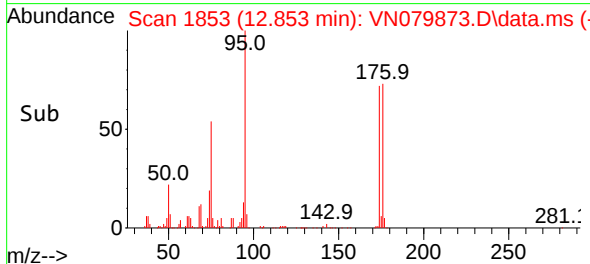
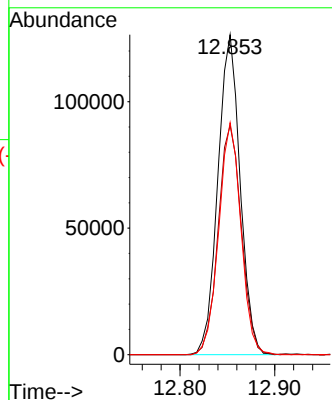
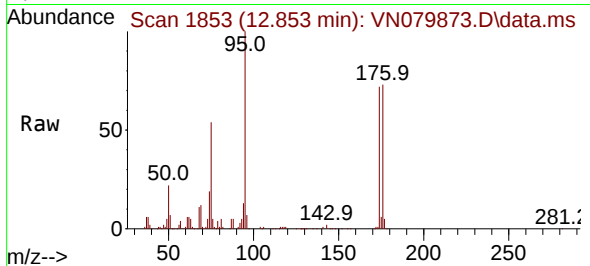




#62
4-Bromofluorobenzene
Concen: 48.229 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079873.D
Acq: 04 Nov 2023 03:33

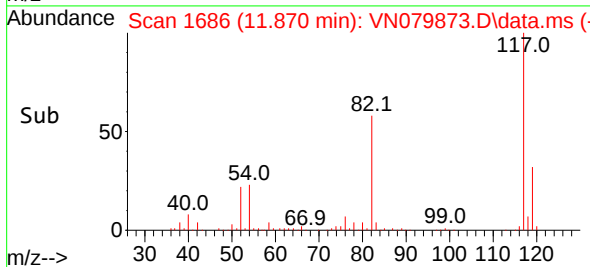
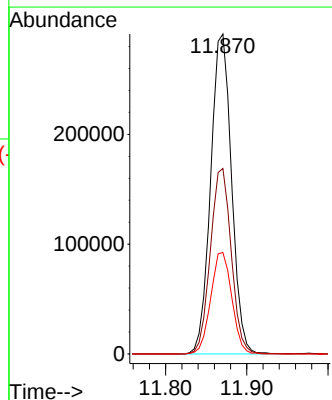
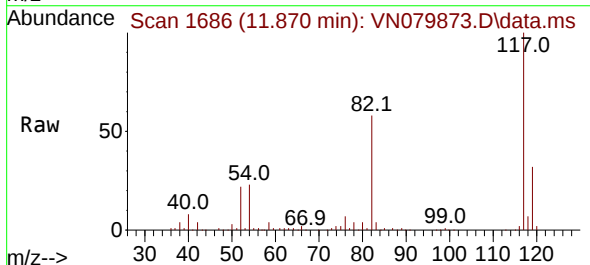
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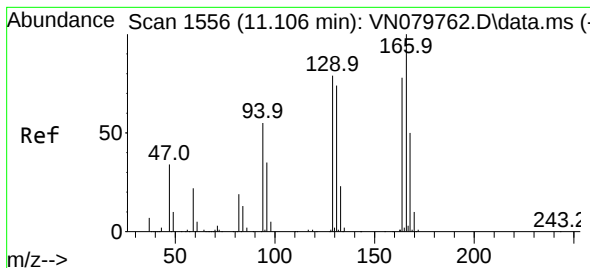
Tgt Ion: 95 Resp: 206844
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 72.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079873.D
Acq: 04 Nov 2023 03:33

Tgt Ion: 117 Resp: 520812
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 31.7 25.6 38.4





#64

Tetrachloroethene

Concen: 4.046 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079873.D

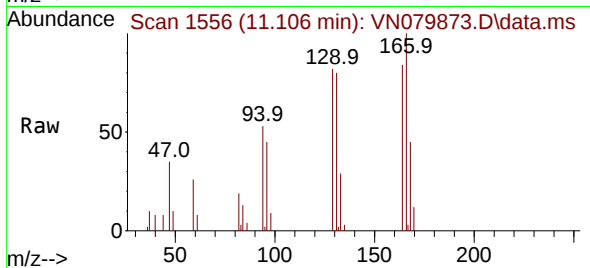
Acq: 04 Nov 2023 03:33

Instrument :

MSVOA_N

ClientSampleId :

FSND-GEP-4-20231031



Tgt Ion:164 Resp: 13647

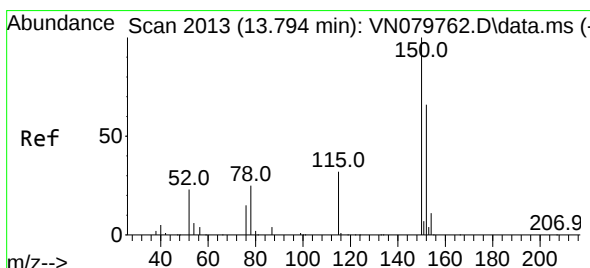
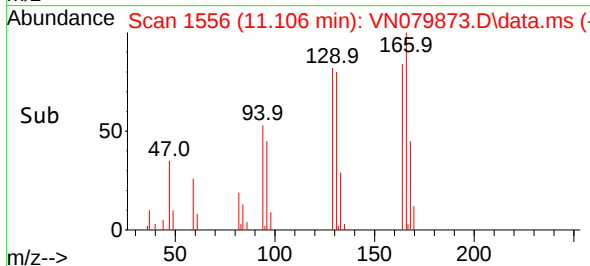
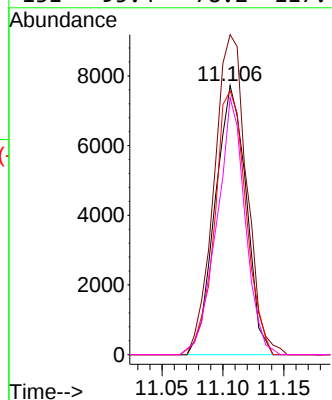
Ion Ratio Lower Upper

164 100

166 118.9 101.4 152.0

129 98.0 82.4 123.6

131 95.4 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: VN079873.D

Acq: 04 Nov 2023 03:33

Tgt Ion:152 Resp: 204177

Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 154.9 0.0 355.8

