

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015251.D
 Acq On : 22 Aug 2023 17:49
 Operator : SY/MD
 Sample : 04090-10
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-N

Quant Time: Aug 23 00:51:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

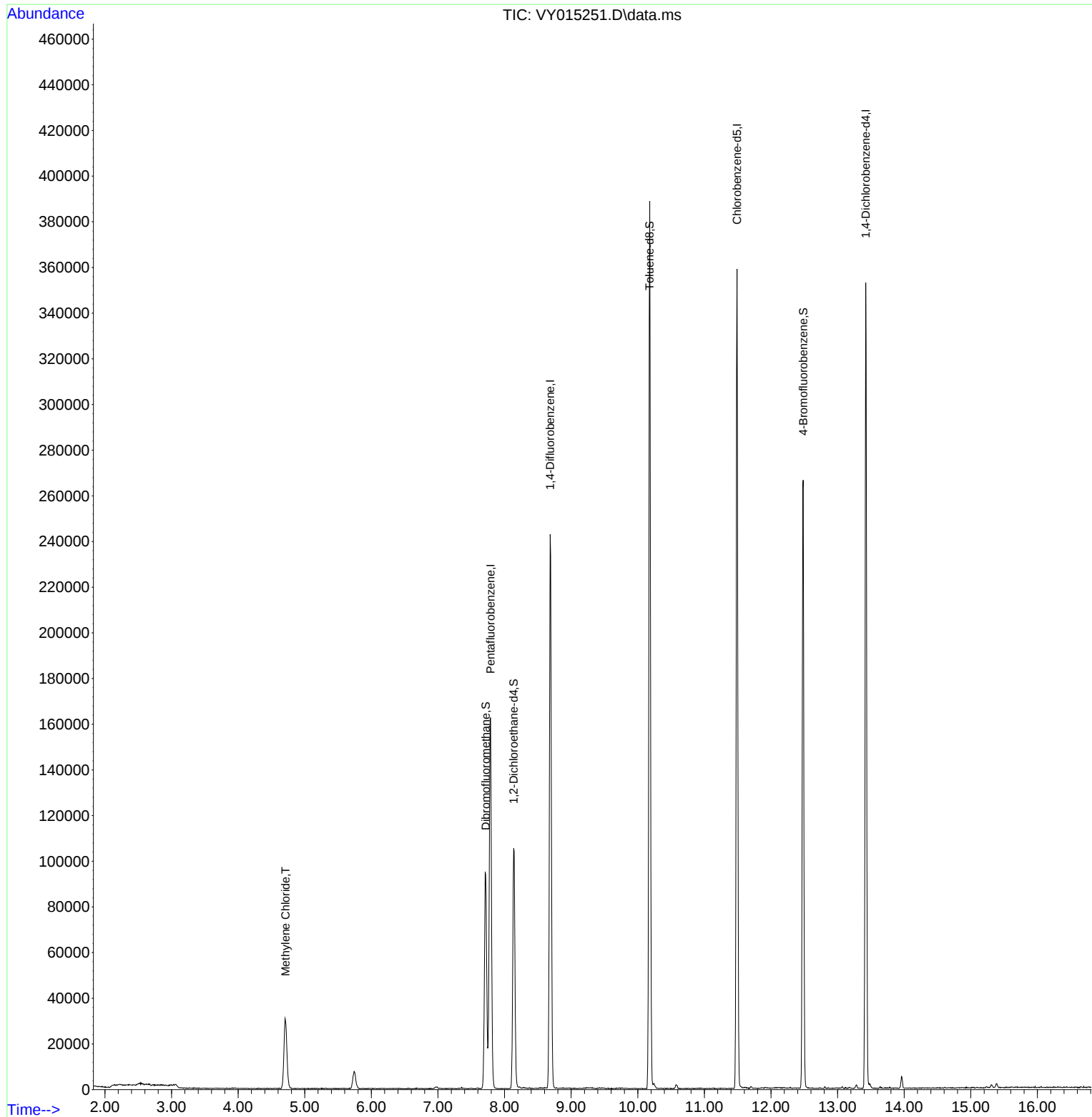
Internal Standards						
1) Pentafluorobenzene	7.789	168	127182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	210473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	191043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	83775	54.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.740%	
35) Dibromofluoromethane	7.716	113	66345	48.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.000%	
50) Toluene-d8	10.179	98	247873	49.176	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.483	95	81463	44.248	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.500%	
Target Compounds						
20) Methylene Chloride	4.710	84	23690	16.955	ug/l	Qvalue # 85

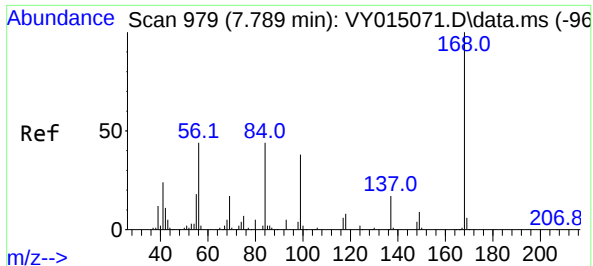
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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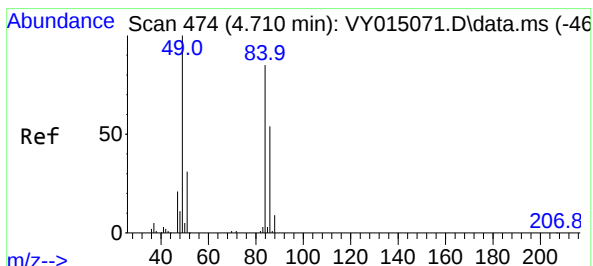
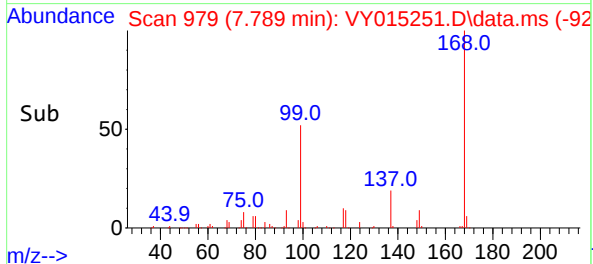
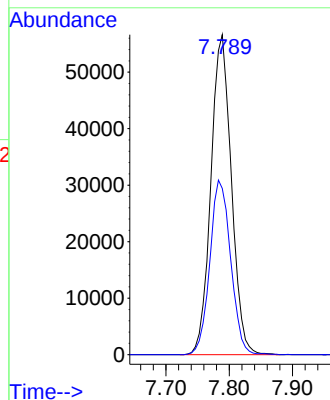
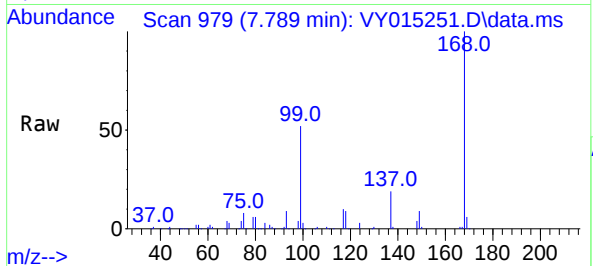




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

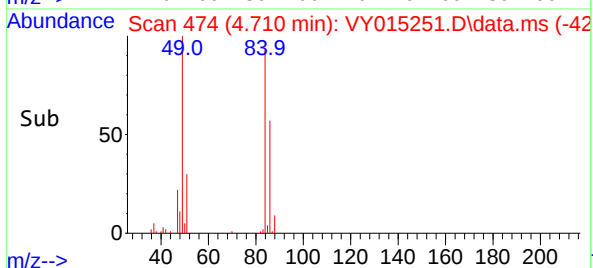
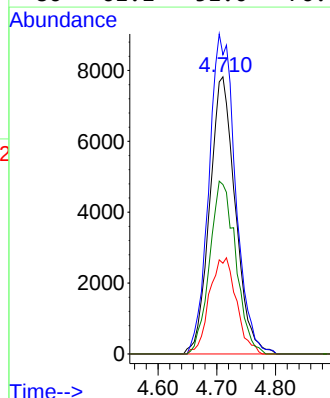
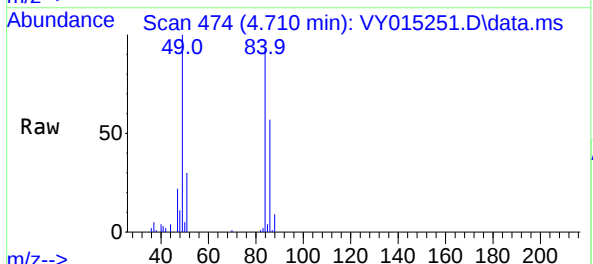
Instrument :
MSVOA_Y
ClientSampleId :
TP-N

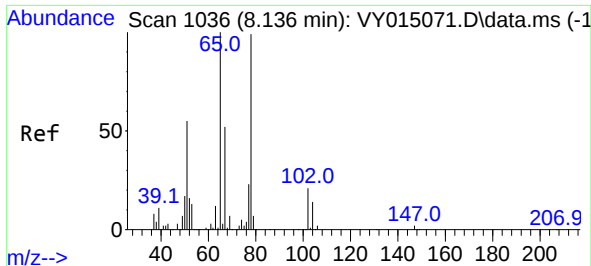
Tgt Ion:168 Resp: 127182
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#20
Methylene Chloride
Concen: 16.955 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

Tgt Ion: 84 Resp: 23690
Ion Ratio Lower Upper
84 100
49 107.9 106.9 160.3
51 32.8 33.2 49.8#
86 61.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.873 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015251.D

Acq: 22 Aug 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

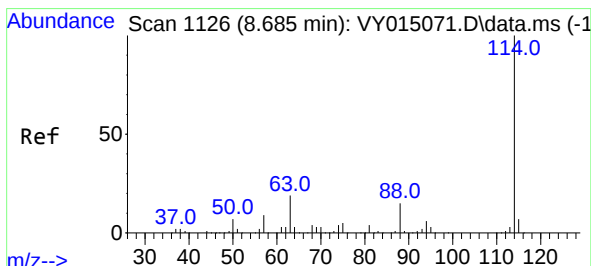
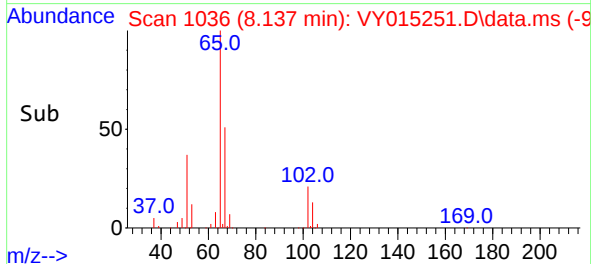
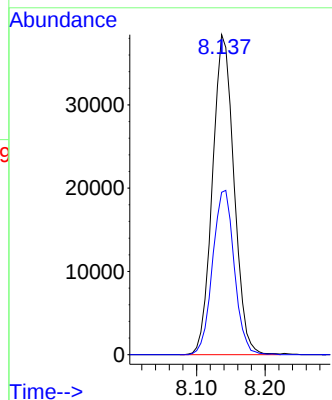
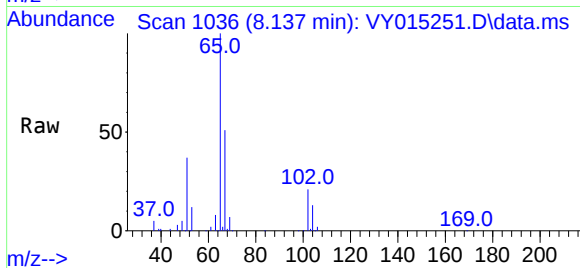
TP-N

Tgt Ion: 65 Resp: 83775

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015251.D

Acq: 22 Aug 2023 17:49

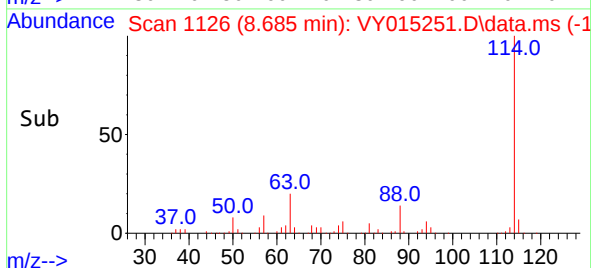
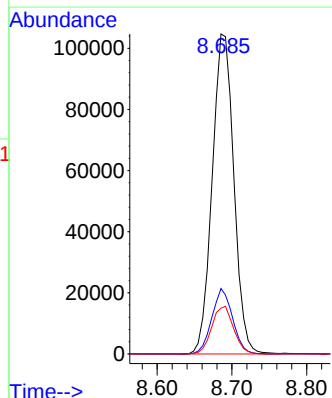
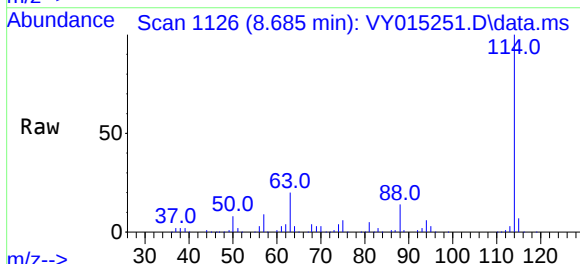
Tgt Ion: 114 Resp: 210473

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 14.3 0.0 30.6

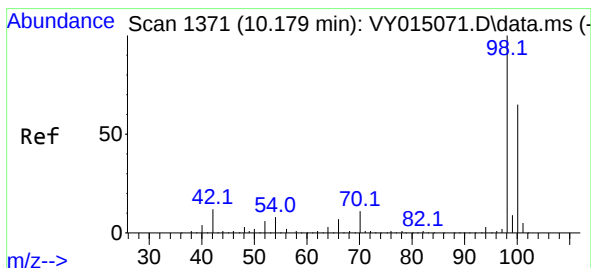
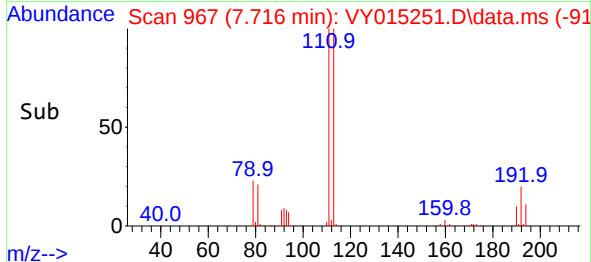
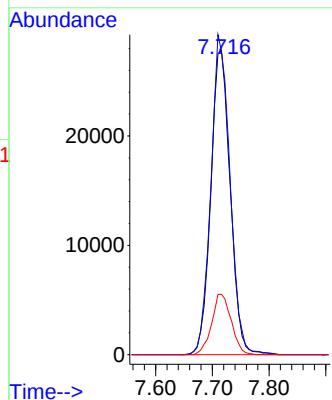
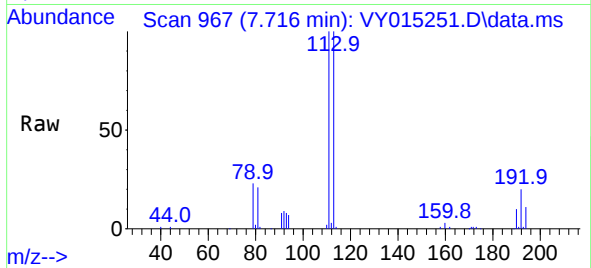




#35
Dibromofluoromethane
Concen: 48.998 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

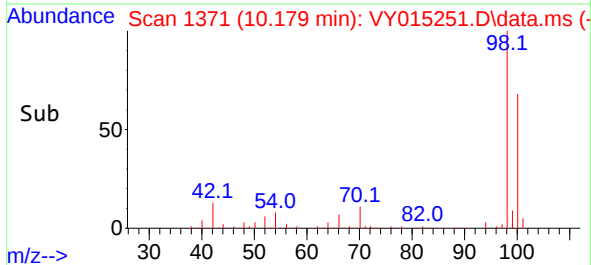
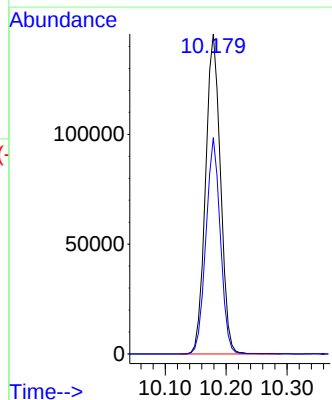
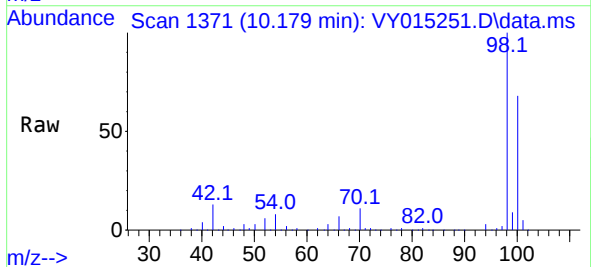
Instrument :
MSVOA_Y
ClientSampleId :
TP-N

Tgt Ion:113 Resp: 66345
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 49.176 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

Tgt Ion: 98 Resp: 247873
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

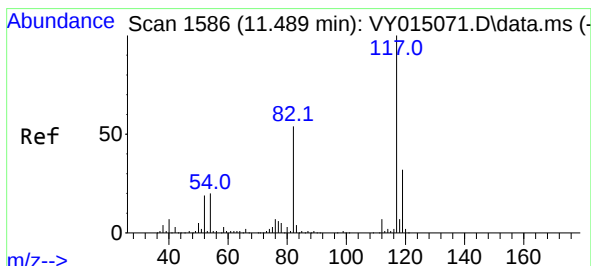
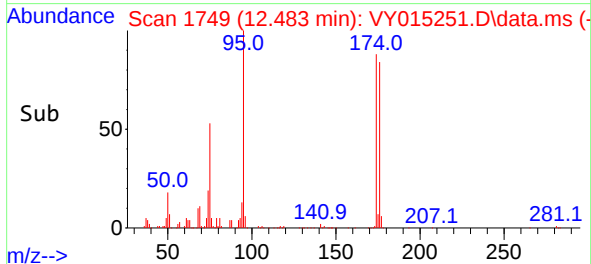
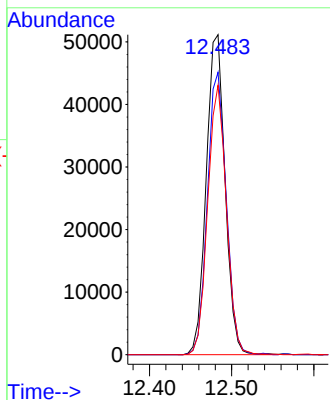
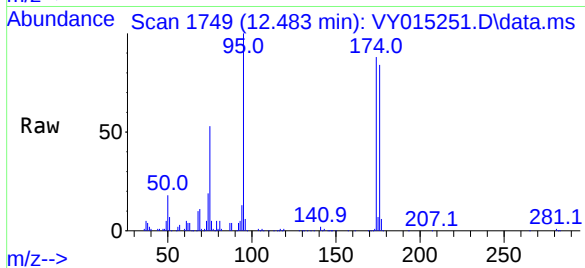




#62
4-Bromofluorobenzene
Concen: 44.248 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

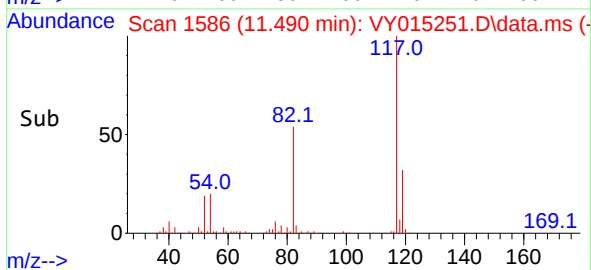
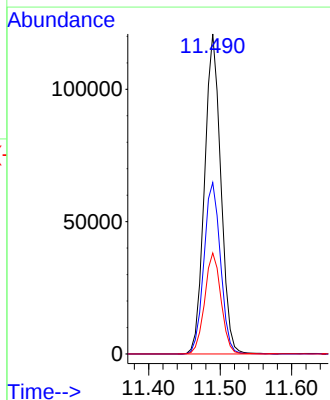
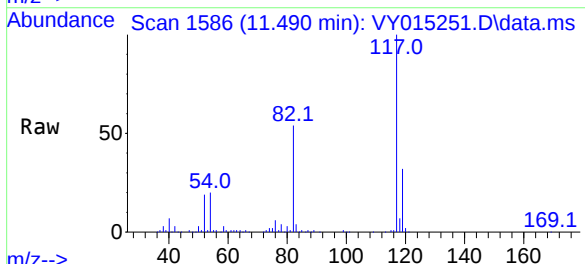
Instrument :
MSVOA_Y
ClientSampleId :
TP-N

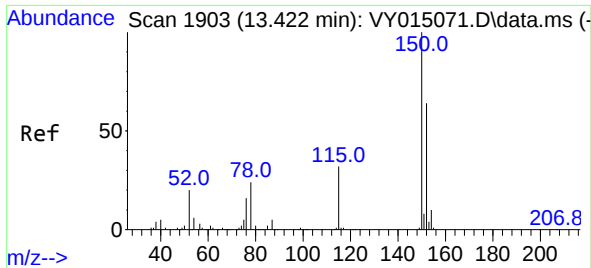
Tgt Ion: 95 Resp: 81463
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015251.D
Acq: 22 Aug 2023 17:49

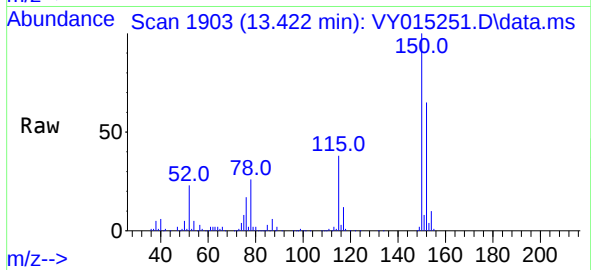
Tgt Ion: 117 Resp: 191043
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015251.D
 Acq: 22 Aug 2023 17:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-N



Tgt Ion:152 Resp: 91163

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.8	86.5
150	155.7	0.0	348.8

