

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015508.D
 Acq On : 12 Sep 2023 15:23
 Operator : SY/MD
 Sample : 04305-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9-5-23-EPH

Quant Time: Sep 12 15:36:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

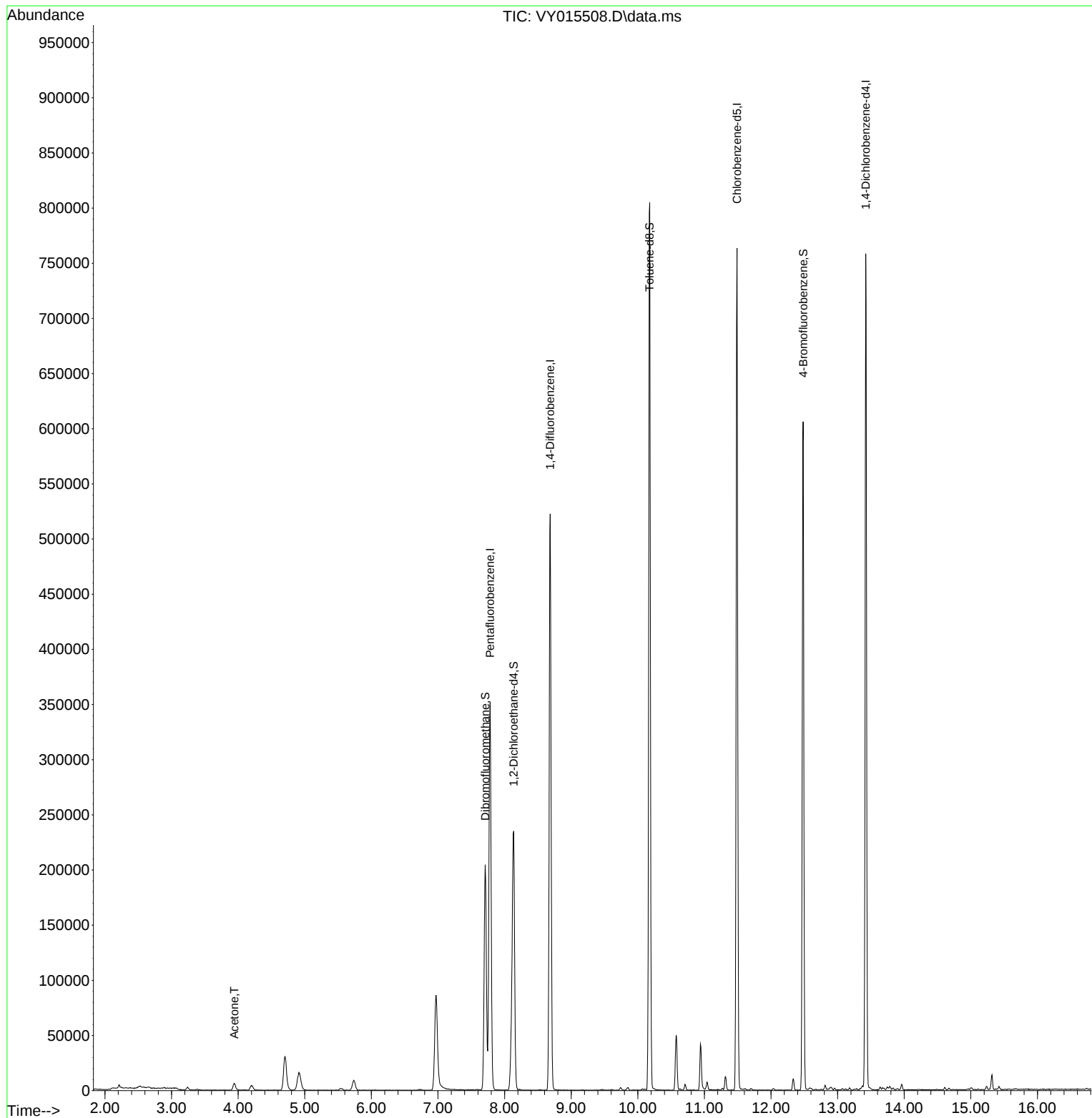
Internal Standards						
1) Pentafluorobenzene	7.783	168	277418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	455404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	408473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	170658	57.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.780%	
35) Dibromofluoromethane	7.710	113	143054	54.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.080%	
50) Toluene-d8	10.179	98	533315	56.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.280%	
62) 4-Bromofluorobenzene	12.483	95	180088	51.069	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.140%	
Target Compounds						Qvalue
16) Acetone	3.942	43	11085	8.930	ug/l	99

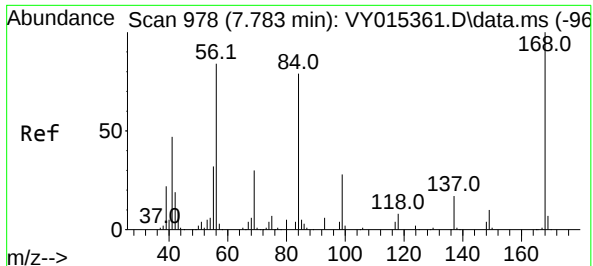
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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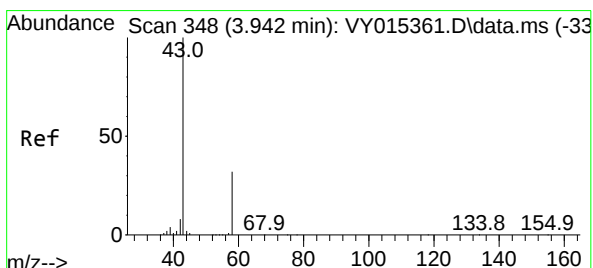
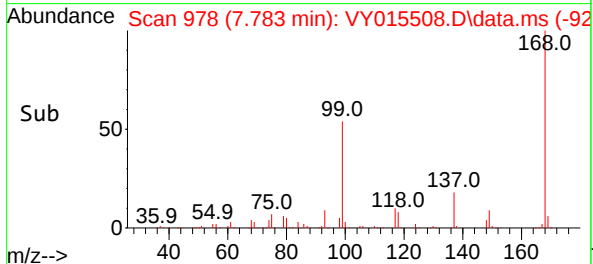
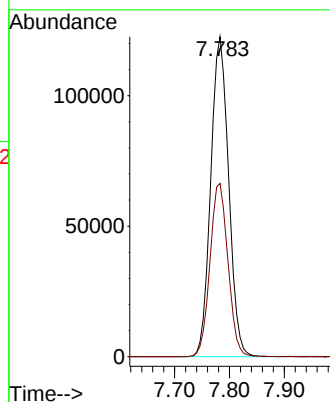
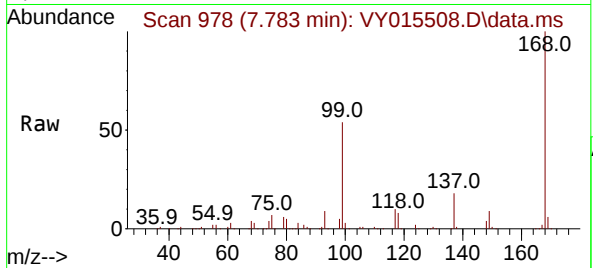




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015508.D
Acq: 12 Sep 2023 15:23

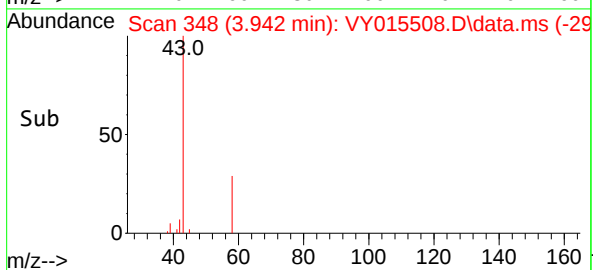
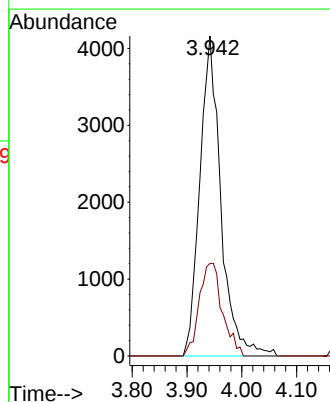
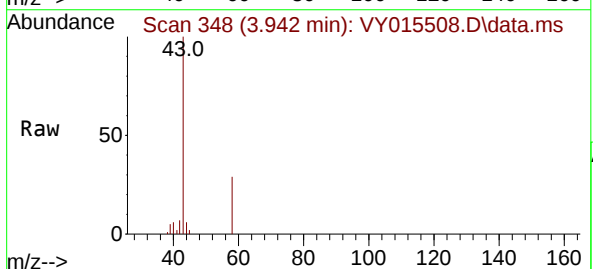
Instrument :
MSVOA_Y
ClientSampleId :
TP-9-5-23-EPH

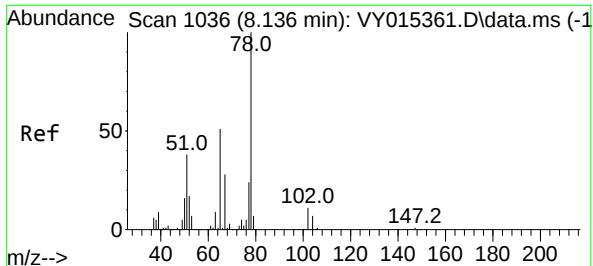
Tgt Ion:168 Resp: 277418
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#16
Acetone
Concen: 8.930 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015508.D
Acq: 12 Sep 2023 15:23

Tgt Ion: 43 Resp: 11085
Ion Ratio Lower Upper
43 100
58 28.9 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 57.386 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015508.D

Acq: 12 Sep 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

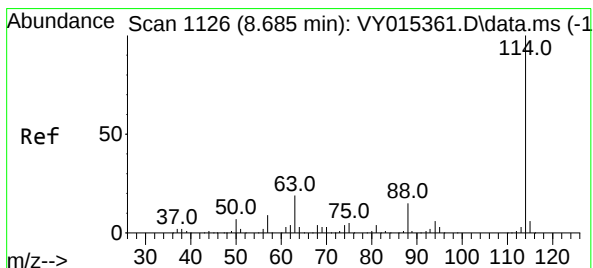
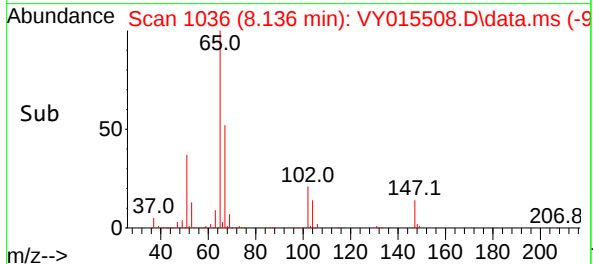
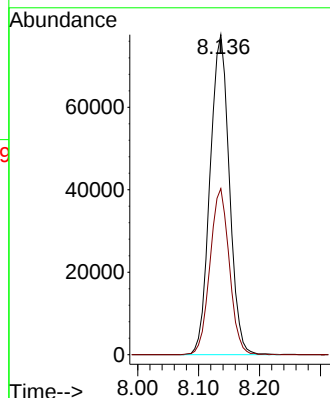
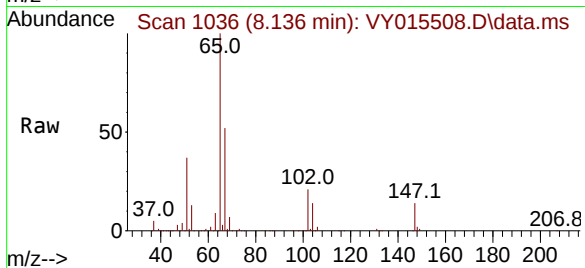
TP-9-5-23-EPH

Tgt Ion: 65 Resp: 170658

Ion Ratio Lower Upper

65 100

67 52.0 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: VY015508.D

Acq: 12 Sep 2023 15:23

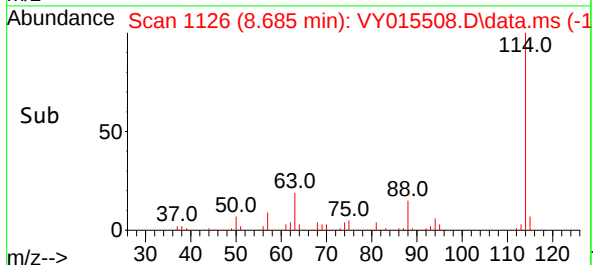
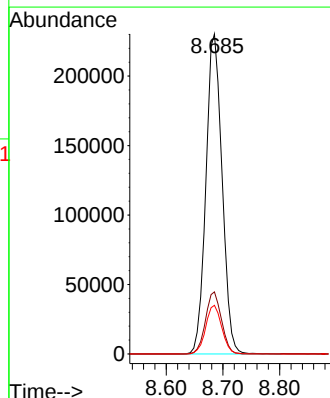
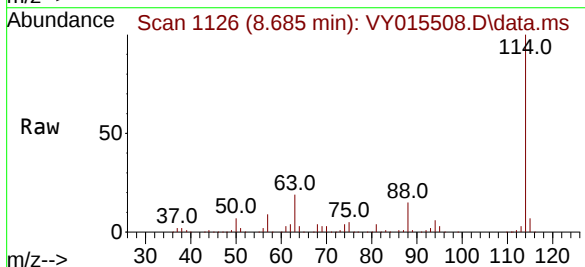
Tgt Ion: 114 Resp: 455404

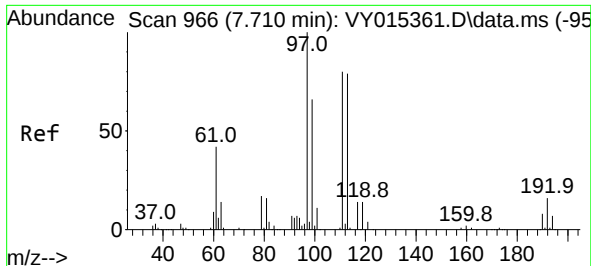
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.2 0.0 30.6

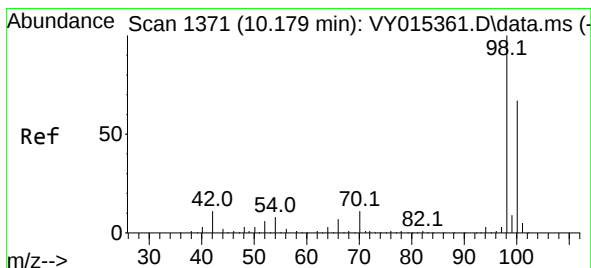
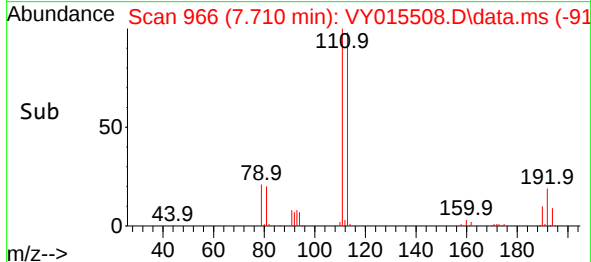
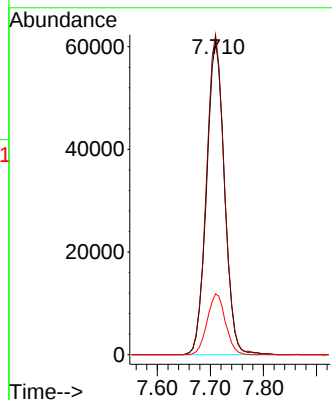
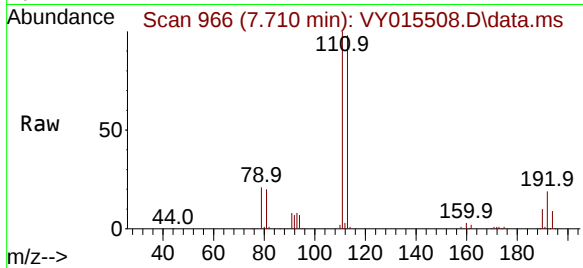




#35
Dibromofluoromethane
Concen: 54.538 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015508.D
Acq: 12 Sep 2023 15:23

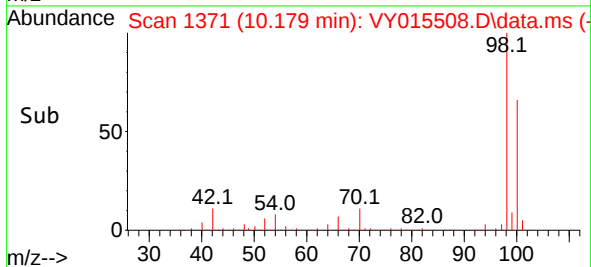
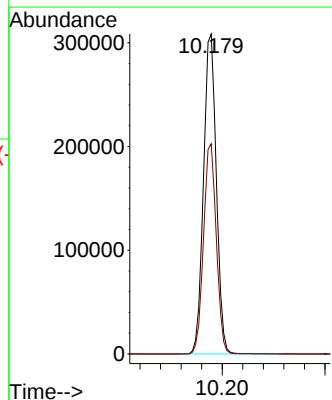
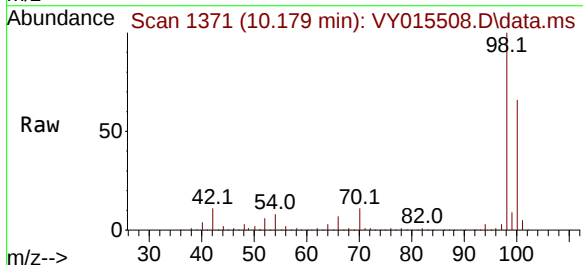
Instrument :
MSVOA_Y
ClientSampleId :
TP-9-5-23-EPH

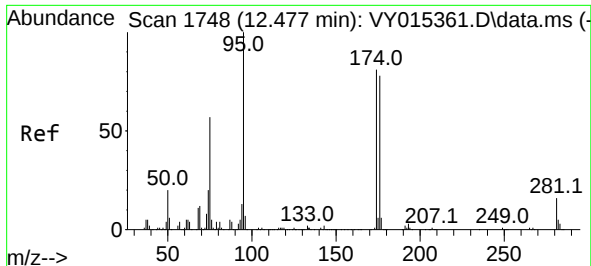
Tgt Ion:113 Resp: 143054
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 56.145 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015508.D
Acq: 12 Sep 2023 15:23

Tgt Ion: 98 Resp: 533315
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

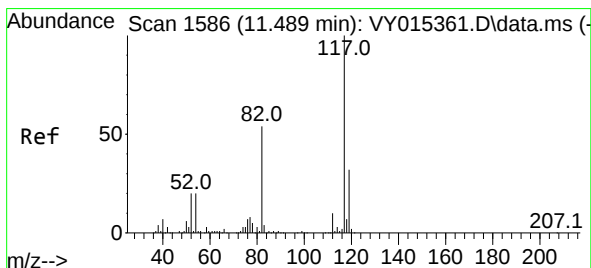
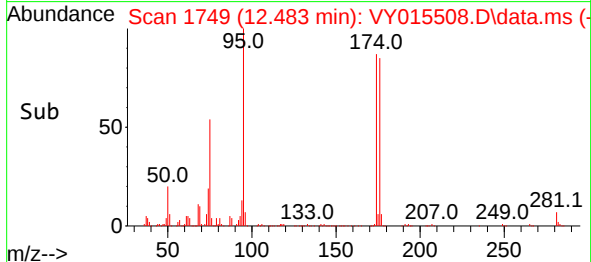
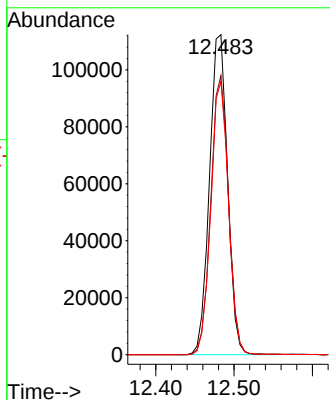
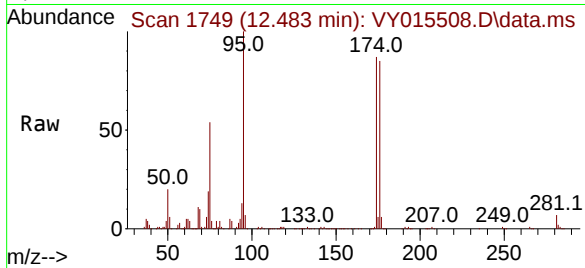




#62
4-Bromofluorobenzene
Concen: 51.069 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015508.D
Acq: 12 Sep 2023 15:23

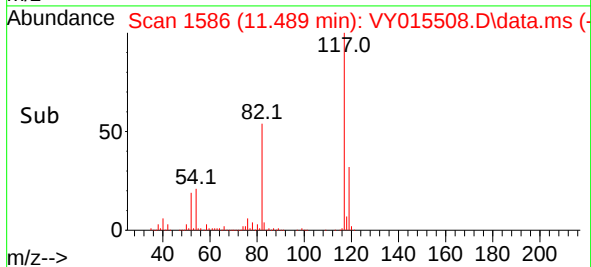
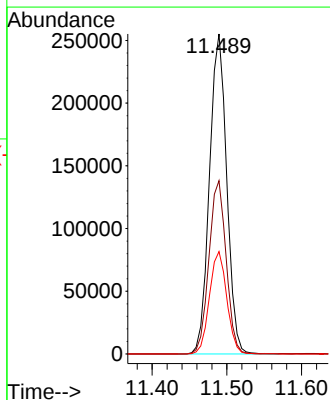
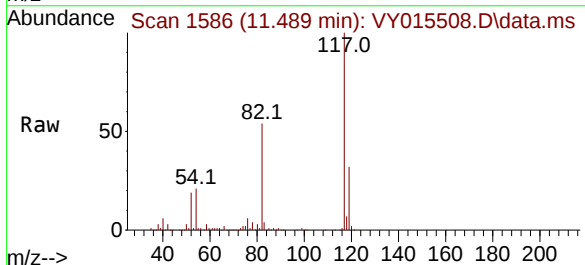
Instrument :
MSVOA_Y
ClientSampleId :
TP-9-5-23-EPH

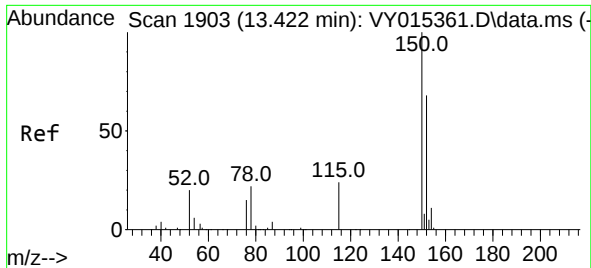
Tgt Ion: 95 Resp: 180088
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 83.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015508.D
Acq: 12 Sep 2023 15:23

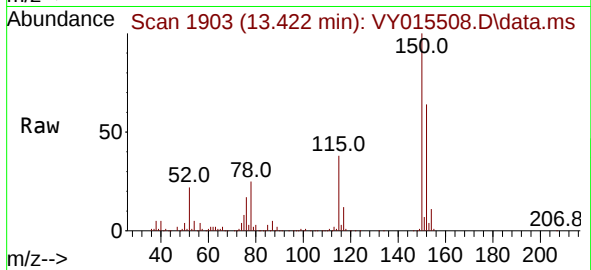
Tgt Ion: 117 Resp: 408473
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015508.D
 Acq: 12 Sep 2023 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9-5-23-EPH



Tgt Ion:	152	Resp:	192827
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.8	86.5
150	156.4	0.0	348.8

