

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012053.D
 Acq On : 03 Jan 2023 17:42
 Operator : KP/MD
 Sample : 01001-01
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C2

Quant Time: Jan 04 01:20:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

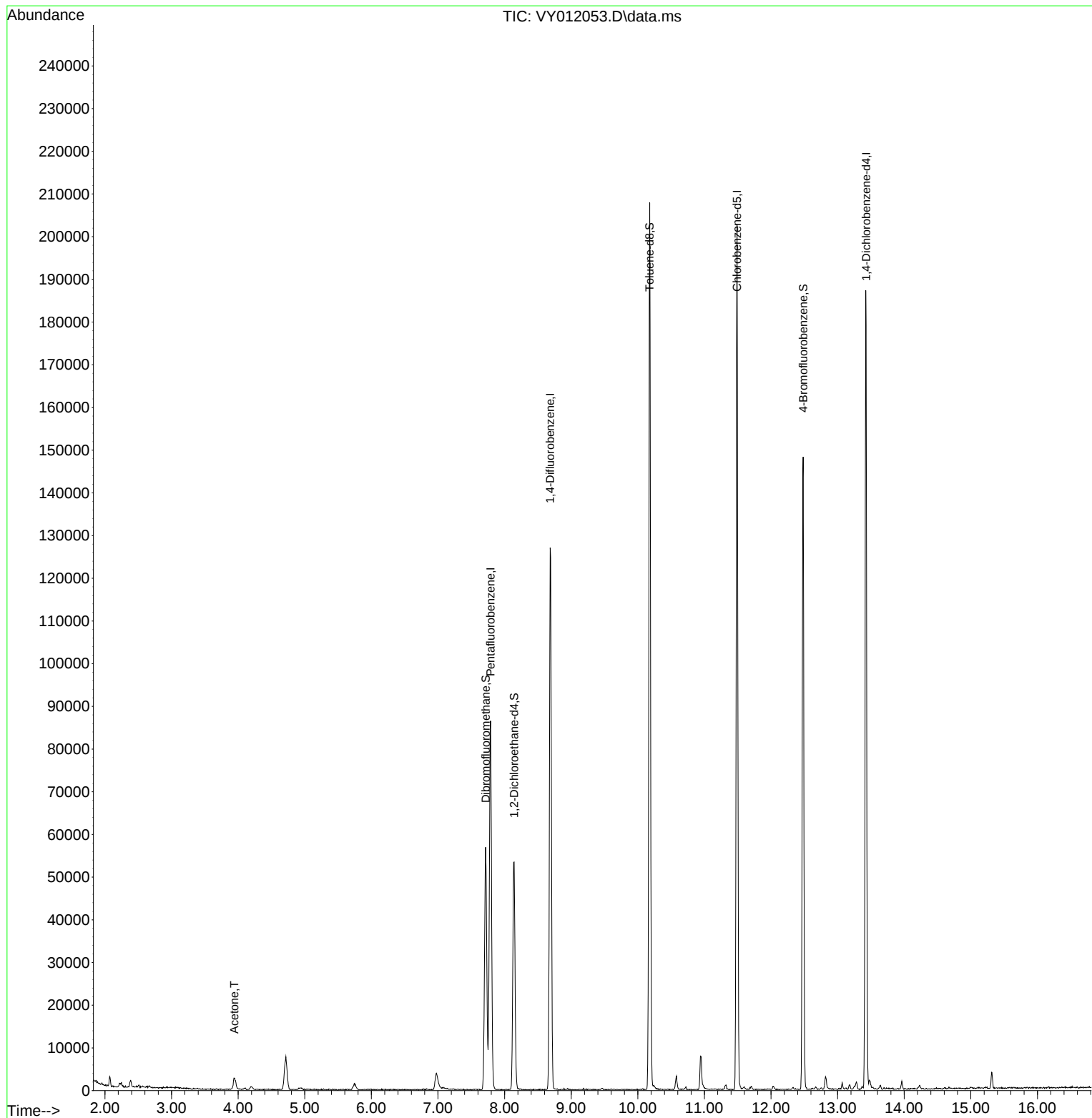
Internal Standards						
1) Pentafluorobenzene	7.789	168	69443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	115035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	112685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	45508	65.046	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	130.100%	
35) Dibromofluoromethane	7.716	113	38686	55.861	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	111.720%	
50) Toluene-d8	10.179	98	140034	49.838	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	99.680%	
62) 4-Bromofluorobenzene	12.483	95	44937	47.552	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	95.100%	
Target Compounds						
16) Acetone	3.942	43	5075	28.697	ug/l	Qvalue 92

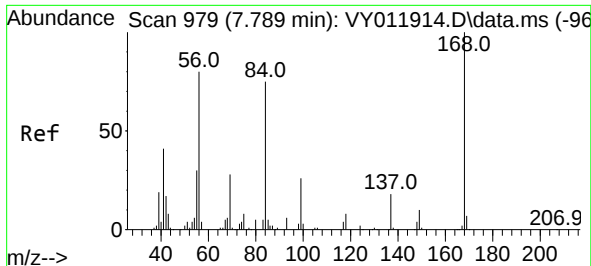
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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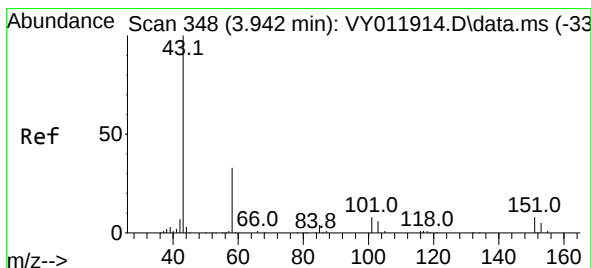
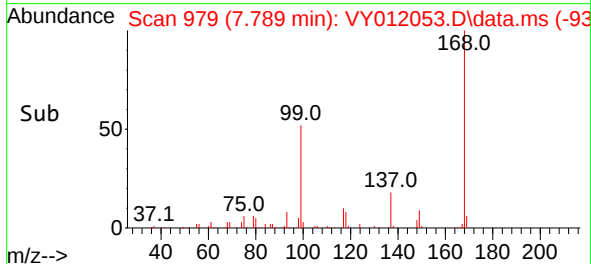
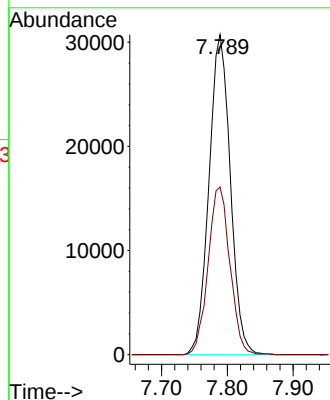
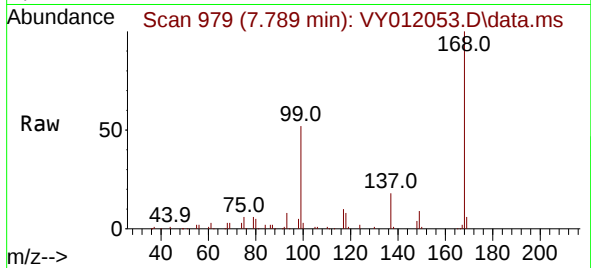




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

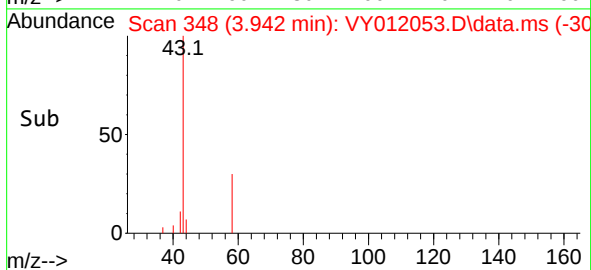
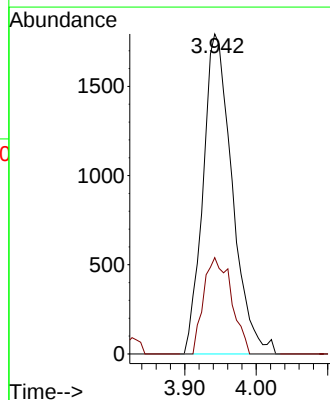
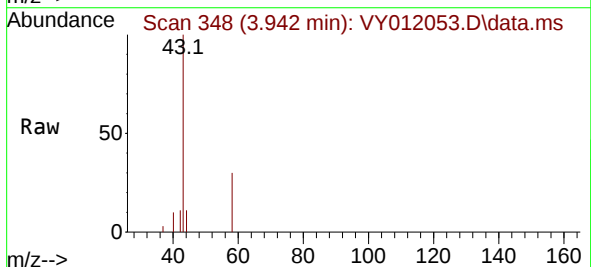
Instrument :
MSVOA_Y
ClientSampleId :
TP-C2

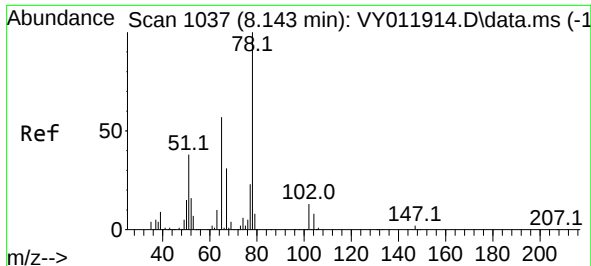
Tgt Ion:168 Resp: 69443
Ion Ratio Lower Upper
168 100
99 52.4 44.0 66.0



#16
Acetone
Concen: 28.697 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

Tgt Ion: 43 Resp: 5075
Ion Ratio Lower Upper
43 100
58 30.1 27.9 41.9

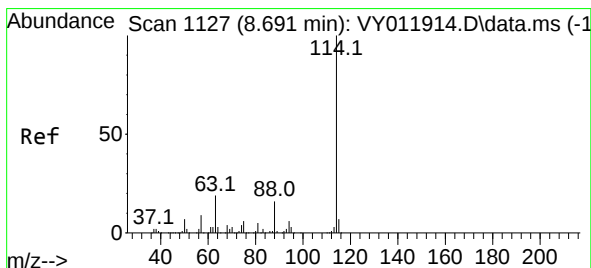
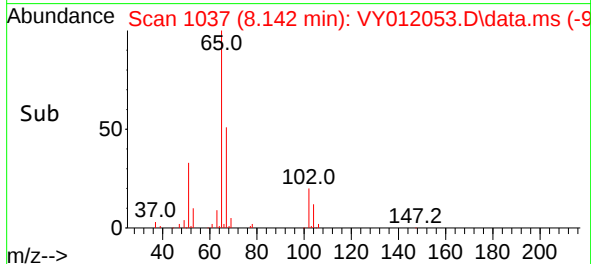
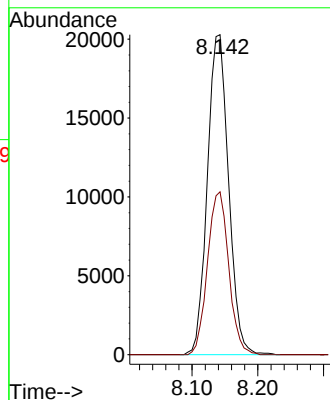
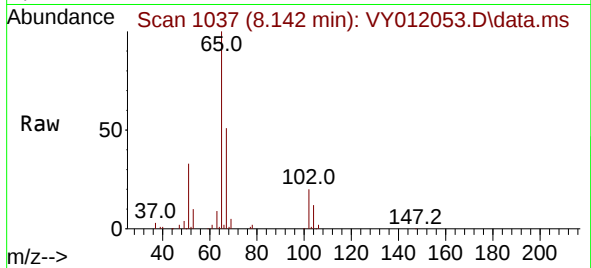




#33
 1,2-Dichloroethane-d4
 Concen: 65.046 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. -0.001 min
 Lab File: VY012053.D
 Acq: 03 Jan 2023 17:42

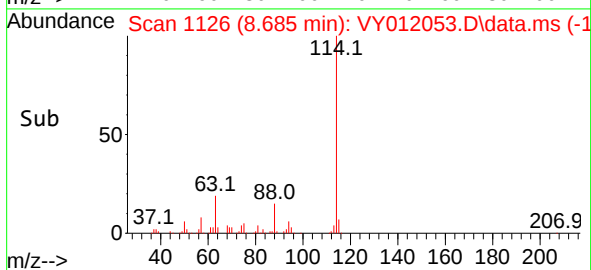
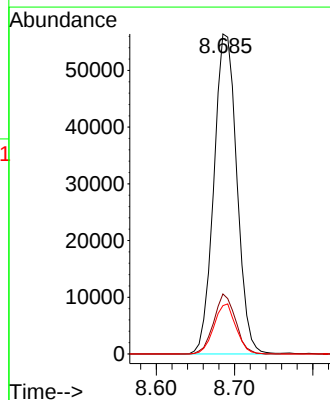
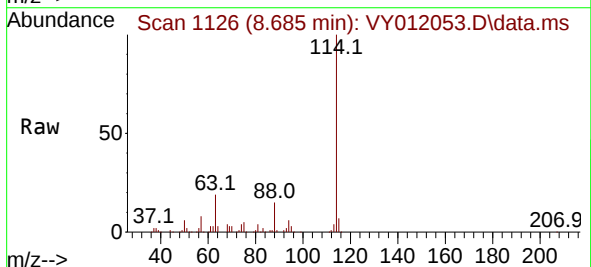
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C2

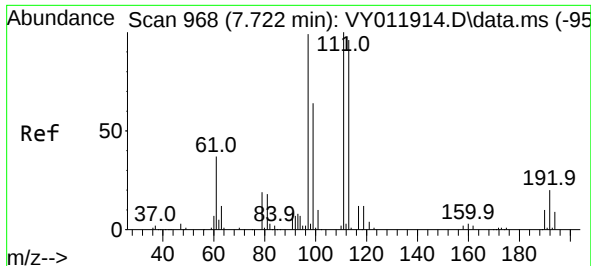
Tgt Ion: 65 Resp: 45508
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012053.D
 Acq: 03 Jan 2023 17:42

Tgt Ion:114 Resp: 115035
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.6
 88 15.1 0.0 32.2

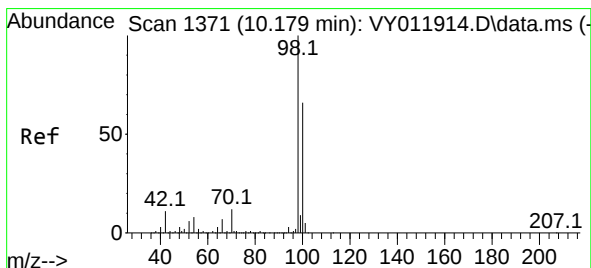
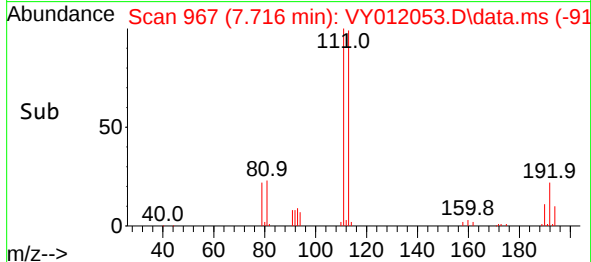
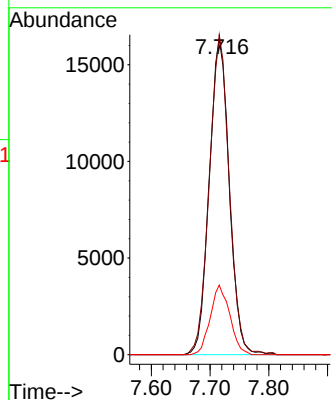
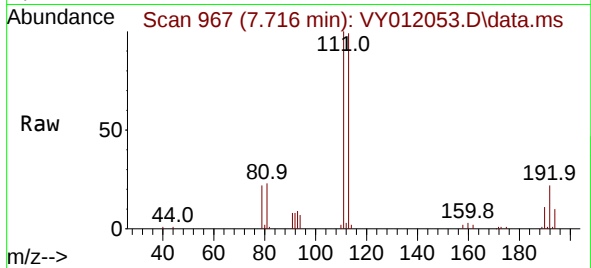




#35
Dibromofluoromethane
Concen: 55.861 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

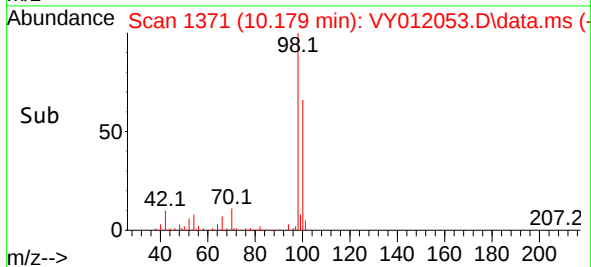
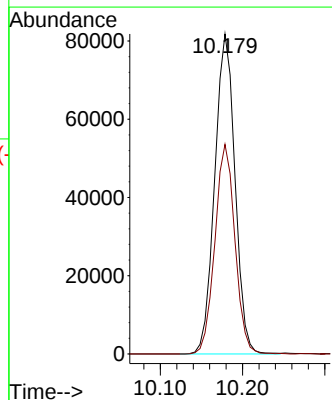
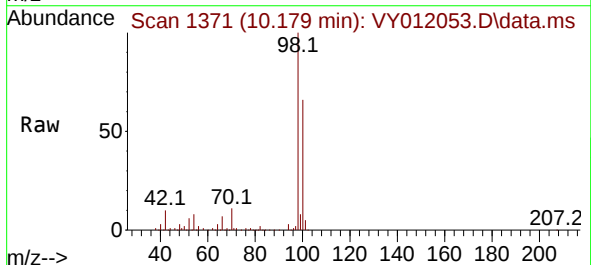
Instrument :
MSVOA_Y
ClientSampleId :
TP-C2

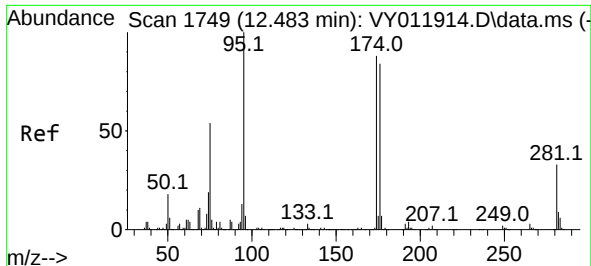
Tgt Ion:113 Resp: 38686
Ion Ratio Lower Upper
113 100
111 100.9 83.0 124.4
192 21.5 16.0 24.0



#50
Toluene-d8
Concen: 49.838 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

Tgt Ion: 98 Resp: 140034
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

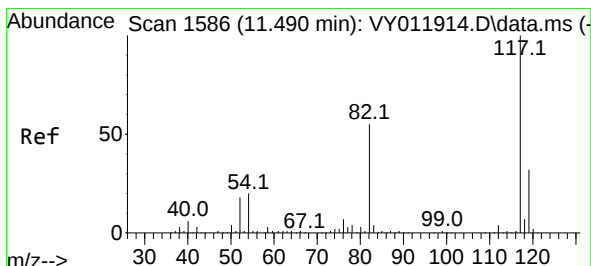
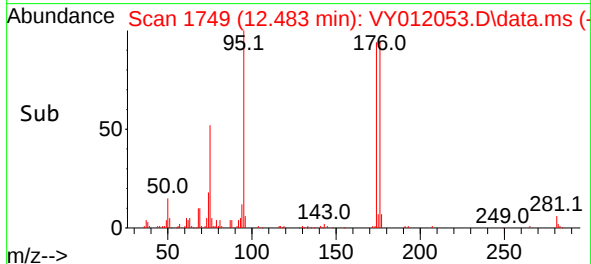
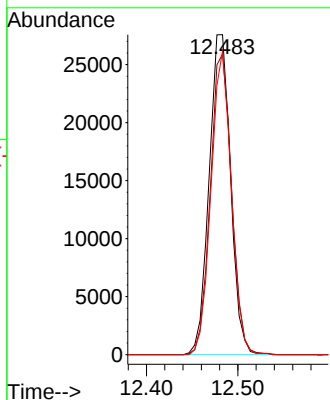
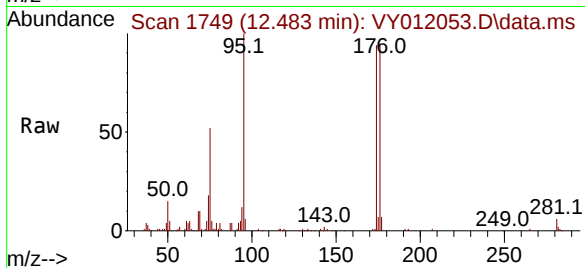




#62
4-Bromofluorobenzene
Concen: 47.552 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

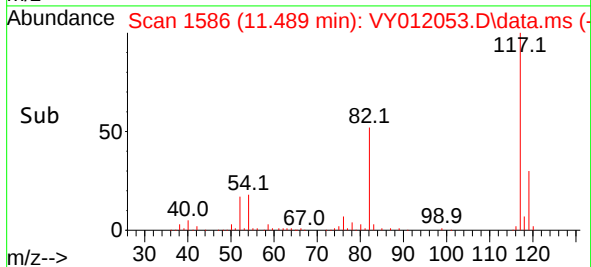
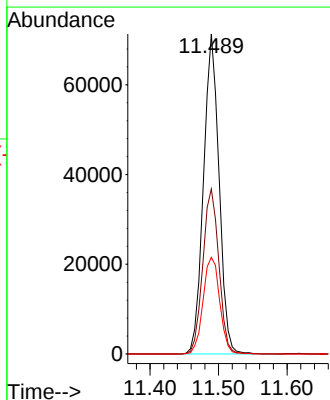
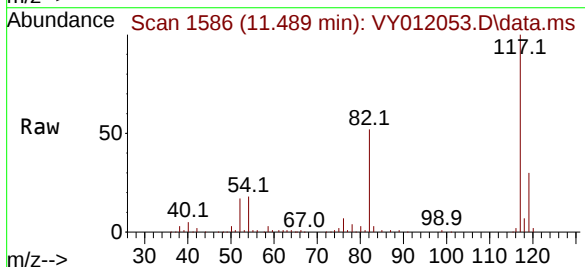
Instrument :
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ClientSampleId :
TP-C2

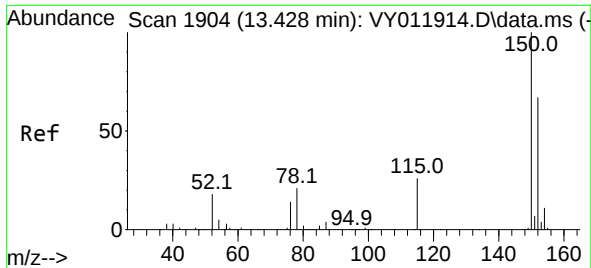
Tgt Ion:	95	Resp:	44937
Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	172.0
176	89.7	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012053.D
Acq: 03 Jan 2023 17:42

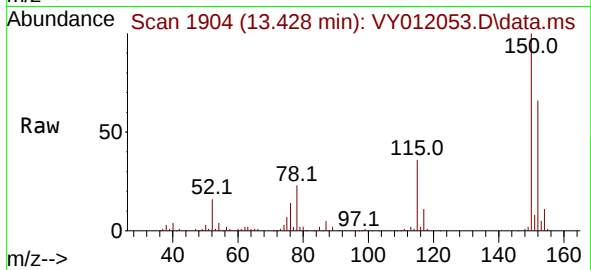
Tgt Ion:	117	Resp:	112685
Ion	Ratio	Lower	Upper
117	100		
82	51.5	44.8	67.2
119	30.2	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012053.D
 Acq: 03 Jan 2023 17:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C2



Tgt Ion:152 Resp: 51164
 Ion Ratio Lower Upper
 152 100
 115 56.7 29.1 87.3
 150 157.1 0.0 342.6

