

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013033.D
 Acq On : 21 Mar 2023 17:32
 Operator : KP/MD
 Sample : 02020-11RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2RE

Quant Time: Mar 22 04:22:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

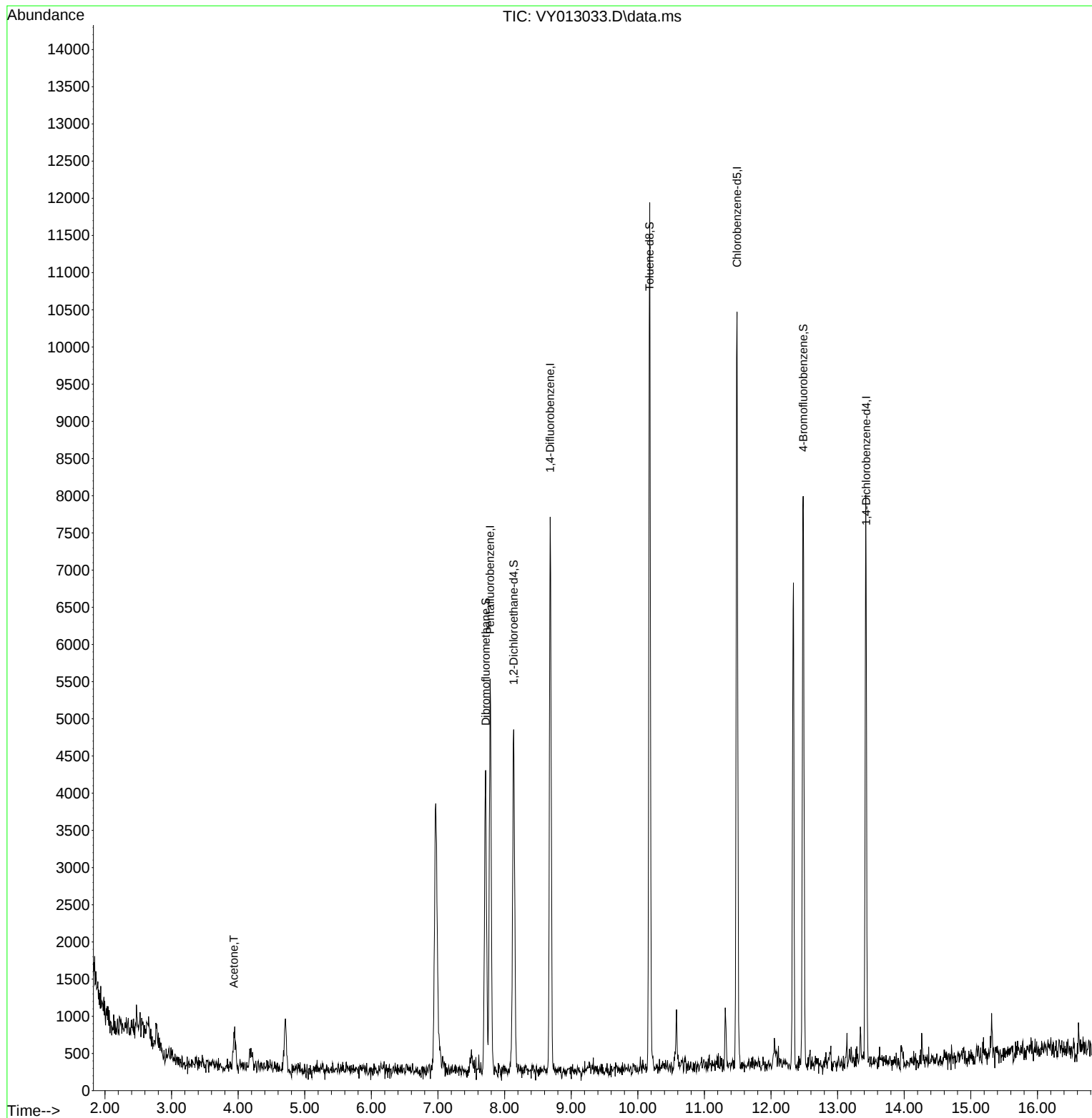
Internal Standards						
1) Pentafluorobenzene	7.783	168	4375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	6336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3574	82.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.560%#	
35) Dibromofluoromethane	7.716	113	2860	74.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 149.600%#	
50) Toluene-d8	10.179	98	7452	53.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	12.483	95	1725	36.560	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.120%	
Target Compounds						
16) Acetone	3.936	43	827	48.505	ug/l	Qvalue 90

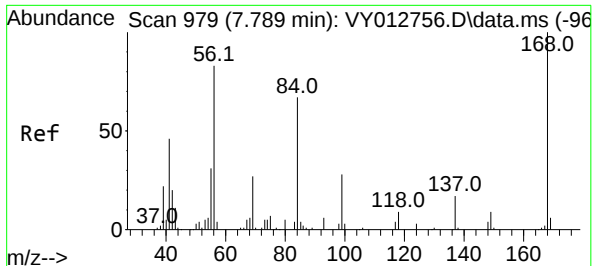
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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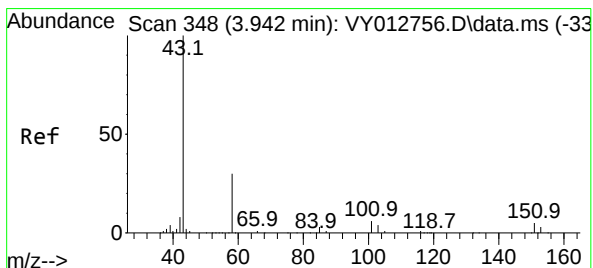
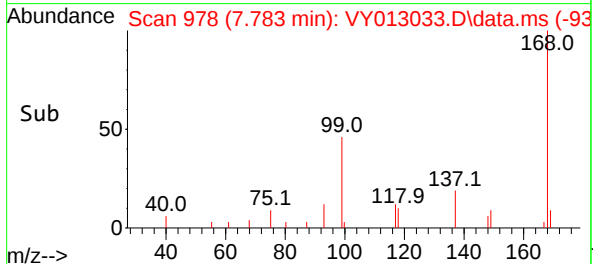
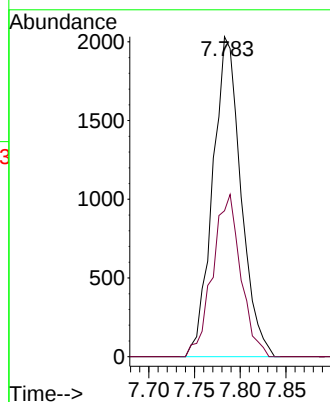
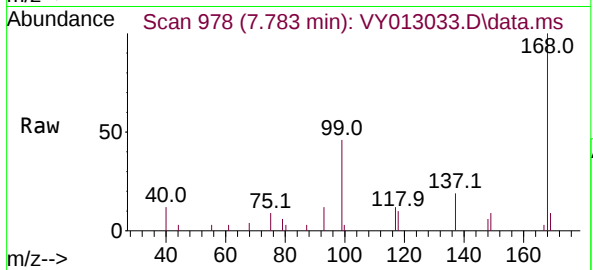




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

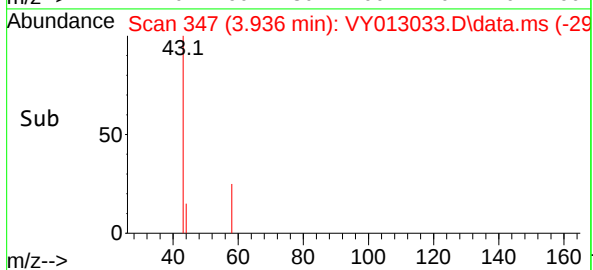
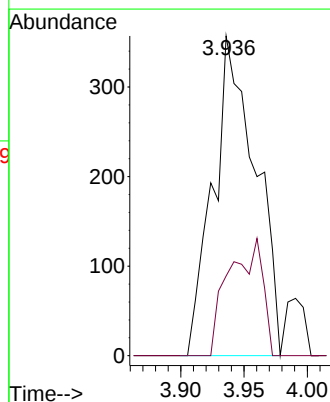
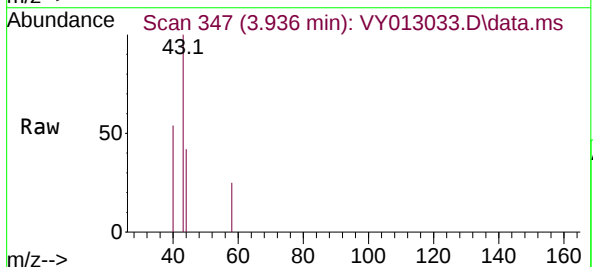
Instrument :
MSVOA_Y
ClientSampleId :
SP-2RE

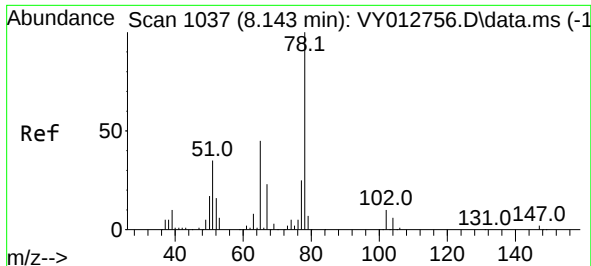
Tgt Ion:168 Resp: 4375
Ion Ratio Lower Upper
168 100
99 45.6 41.7 62.5



#16
Acetone
Concen: 48.505 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 24.9 24.2 36.2

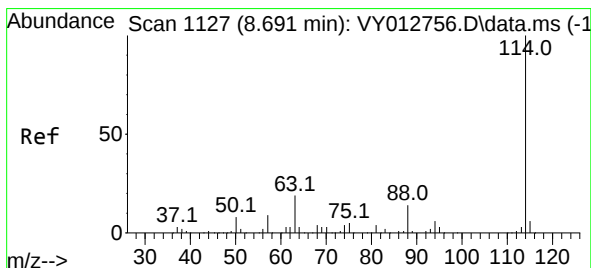
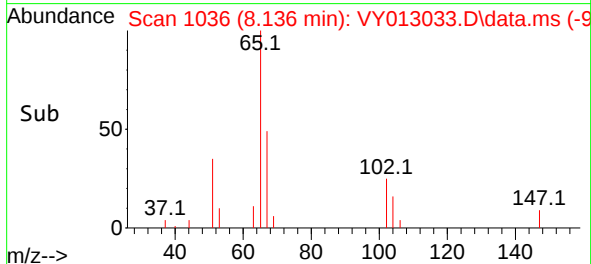
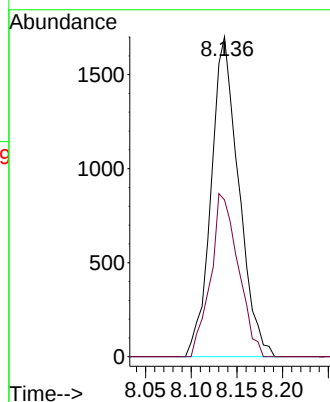
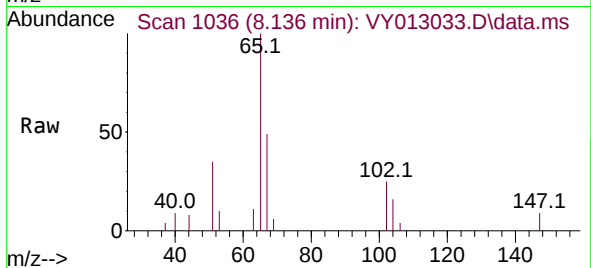




#33
 1,2-Dichloroethane-d4
 Concen: 82.278 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY013033.D
 Acq: 21 Mar 2023 17:32

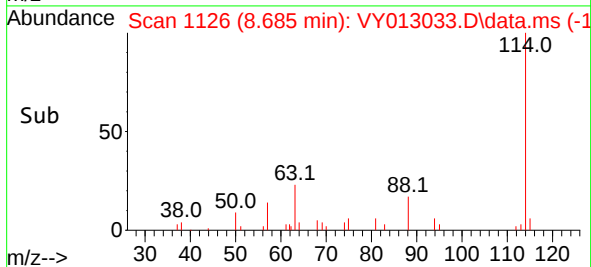
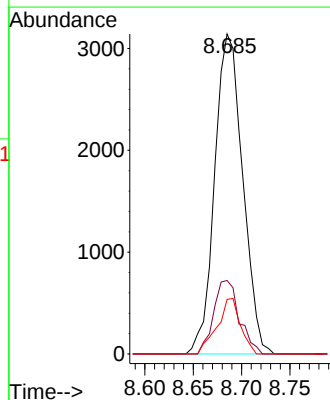
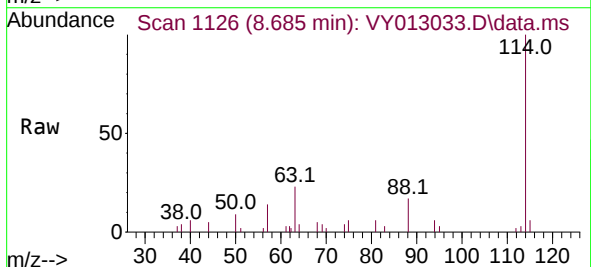
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2RE

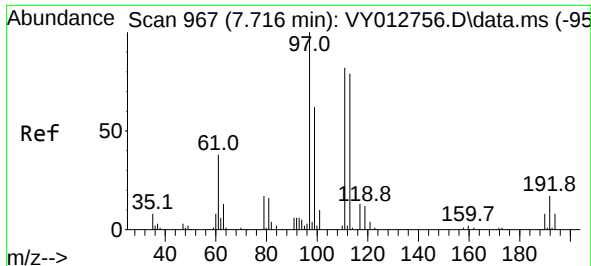
Tgt Ion: 65 Resp: 3574
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013033.D
 Acq: 21 Mar 2023 17:32

Tgt Ion: 114 Resp: 6336
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 37.4
 88 17.1 0.0 28.6

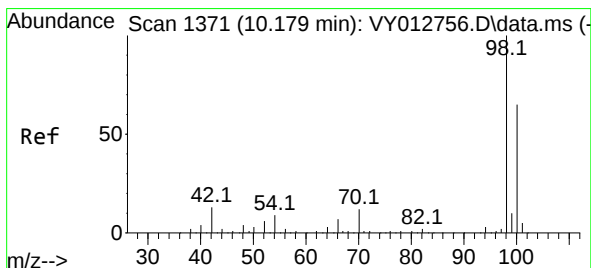
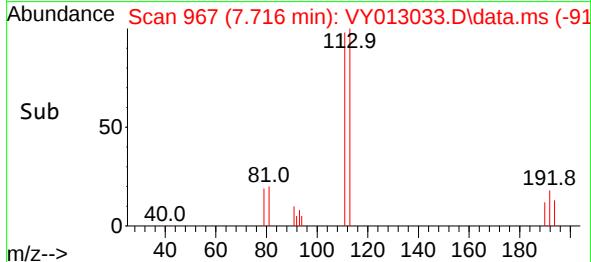
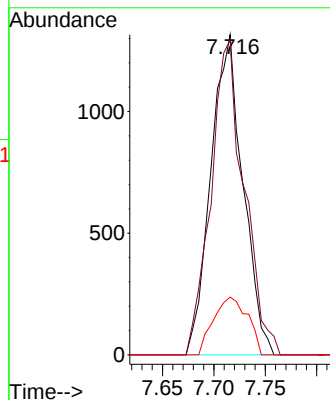
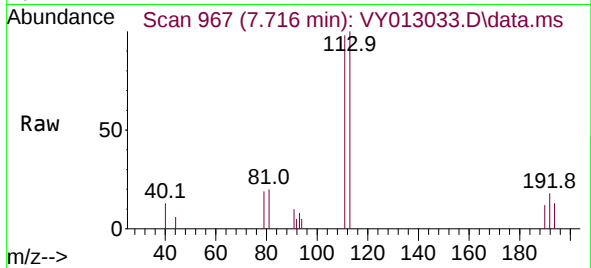




#35
Dibromofluoromethane
Concen: 74.795 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

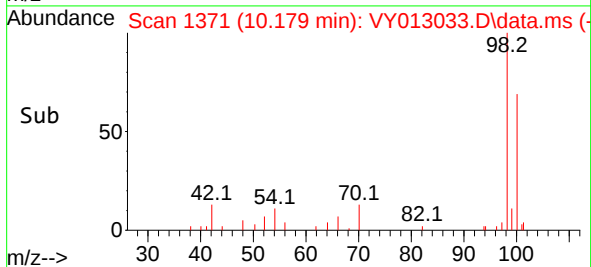
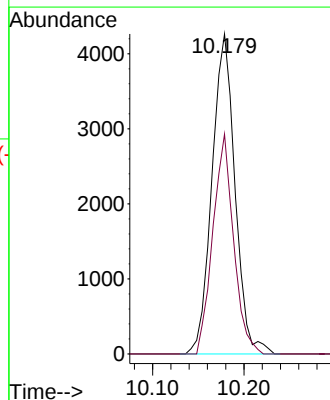
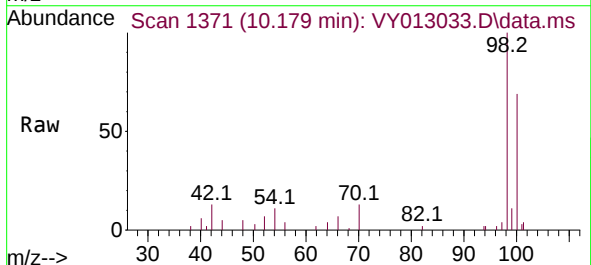
Instrument :
MSVOA_Y
ClientSampleId :
SP-2RE

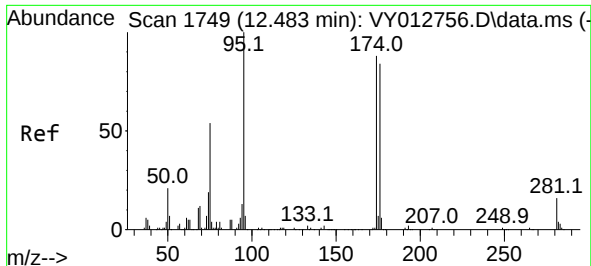
Tgt Ion:113 Resp: 2860
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 19.1 16.8 25.2



#50
Toluene-d8
Concen: 53.309 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

Tgt Ion: 98 Resp: 7452
Ion Ratio Lower Upper
98 100
100 61.9 50.9 76.3

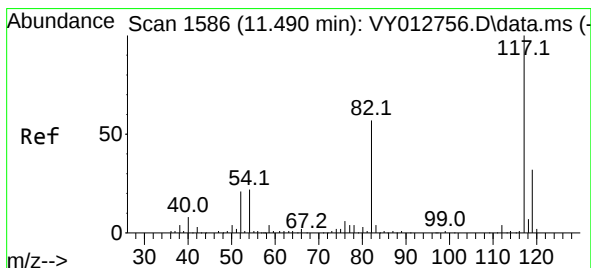
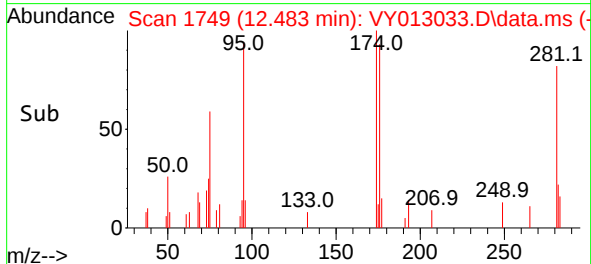
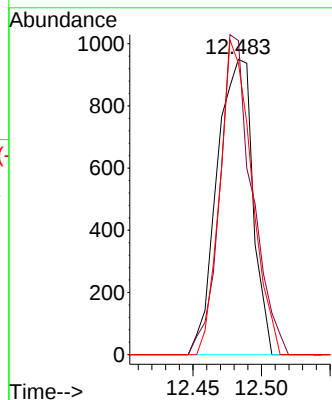
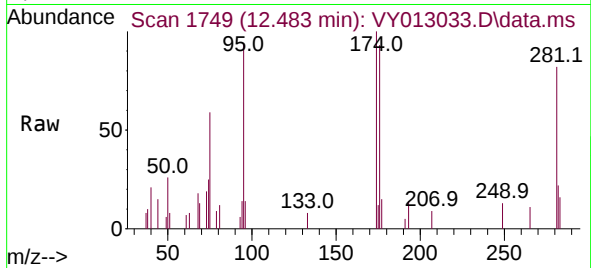




#62
4-Bromofluorobenzene
Concen: 36.560 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

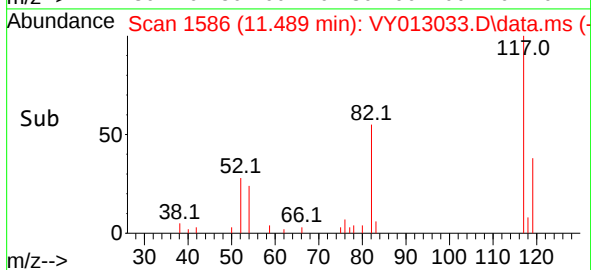
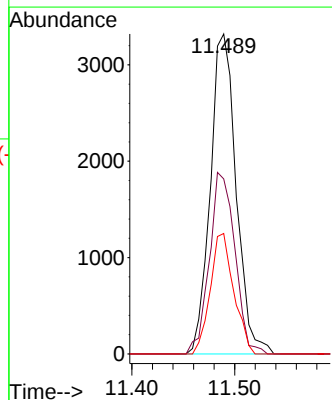
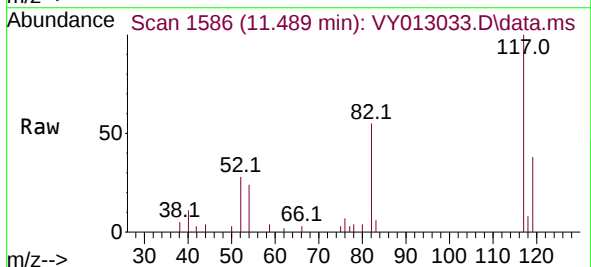
Instrument :
MSVOA_Y
ClientSampleId :
SP-2RE

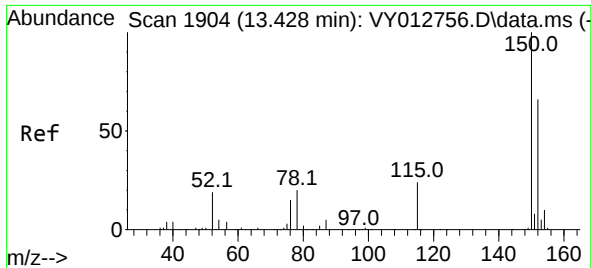
Tgt Ion:	95	Resp:	1725
Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	176.6
176	94.3	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013033.D
Acq: 21 Mar 2023 17:32

Tgt Ion:	117	Resp:	5801
Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.4	68.0
119	37.7	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013033.D
 Acq: 21 Mar 2023 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2RE

Tgt Ion:152 Resp: 2161
 Ion Ratio Lower Upper
 152 100
 115 53.1 27.1 81.3
 150 145.0 0.0 347.8

