

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013015.D
 Acq On : 20 Mar 2023 18:01
 Operator : KP/MD
 Sample : 02002-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 031023-3

Quant Time: Mar 21 01:15:36 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)

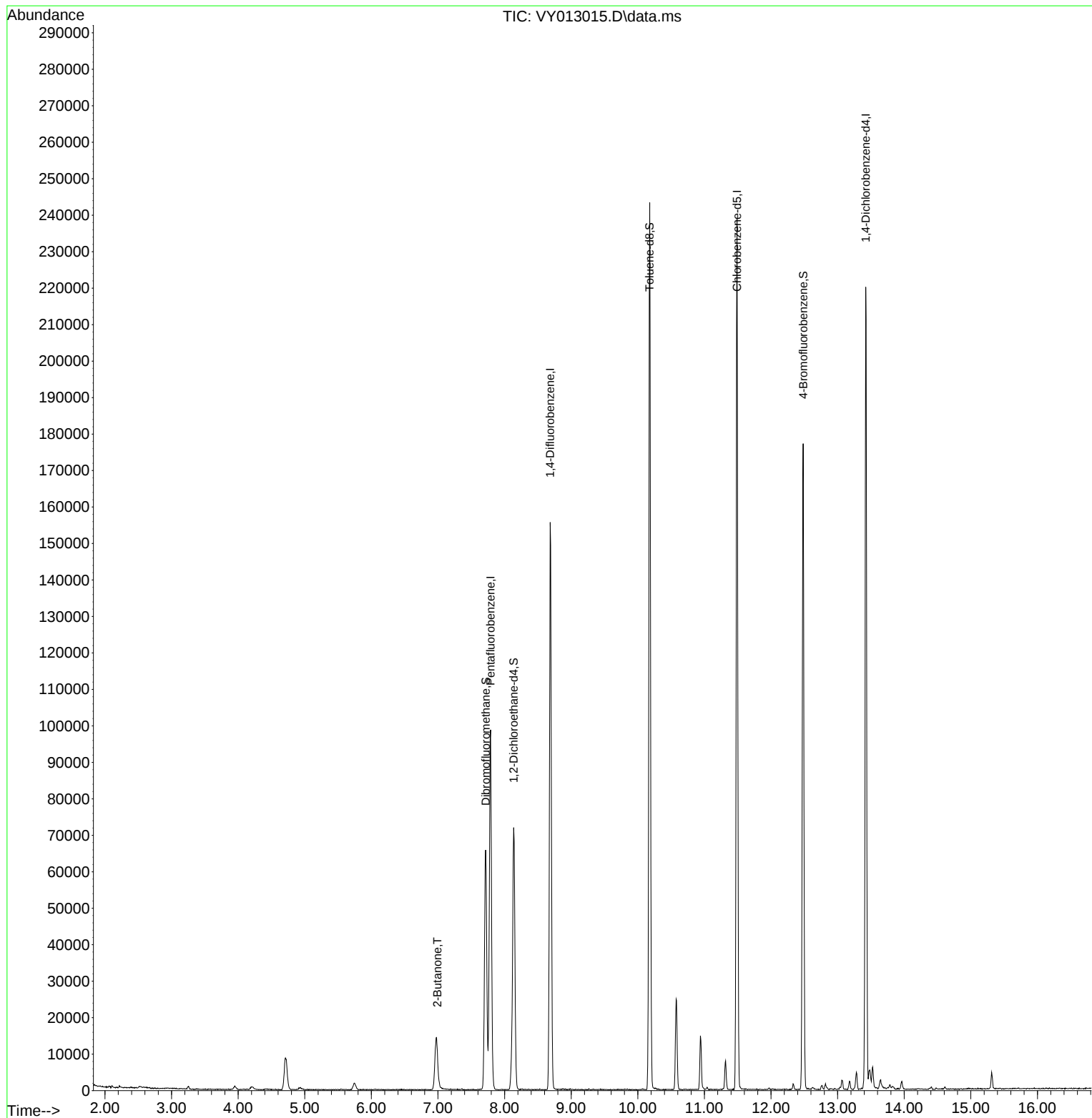
Internal Standards						
1) Pentafluorobenzene	7.789	168	75485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	123899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52590	70.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.340%
35) Dibromofluoromethane	7.716	113	46354	59.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.000%
50) Toluene-d8	10.179	98	157185	55.653	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.300%
62) 4-Bromofluorobenzene	12.483	95	49058	51.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.920%
Target Compounds						
25) 2-Butanone	6.990	43	3680	10.100	ug/l	Qvalue # 75

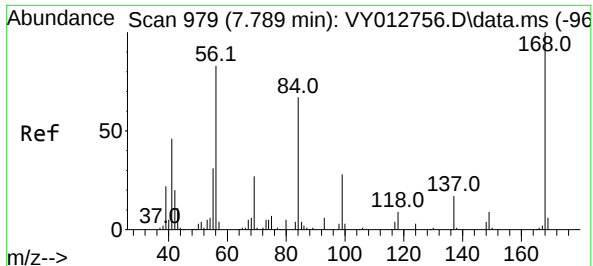
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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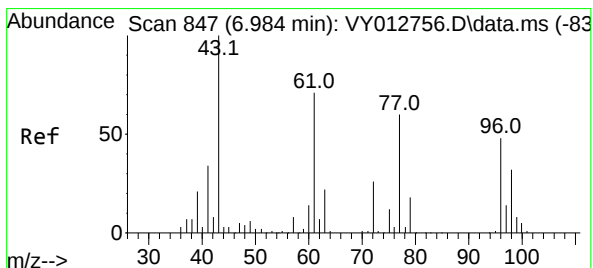
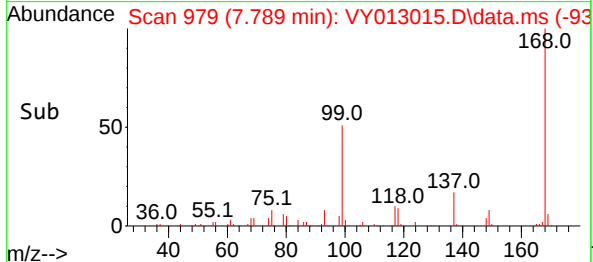
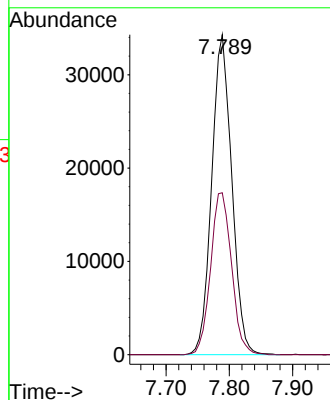
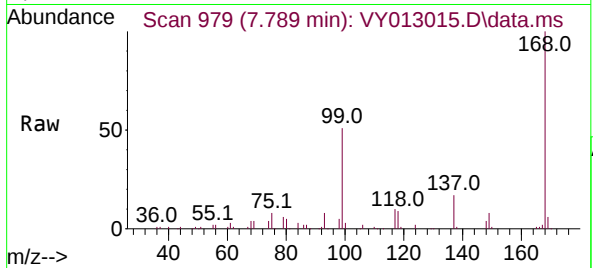




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013015.D
Acq: 20 Mar 2023 18:01

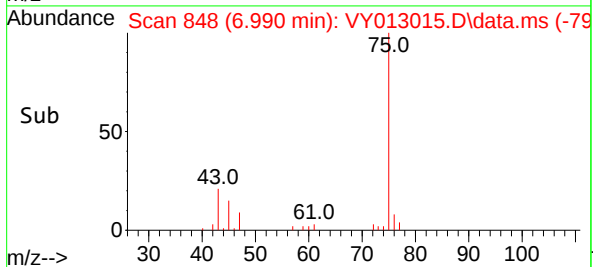
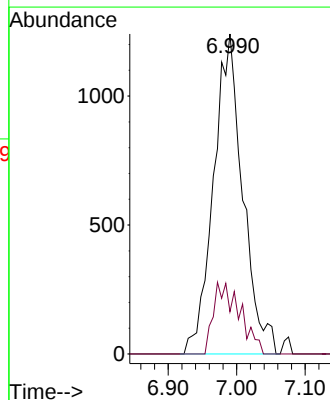
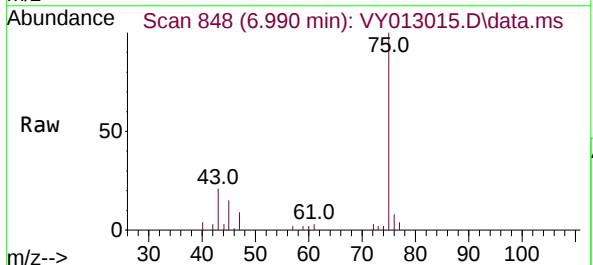
Instrument :
MSVOA_Y
ClientSampleId :
031023-3

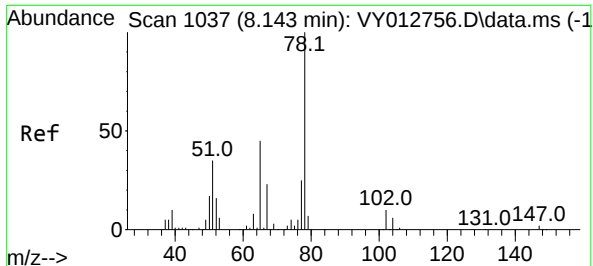
Tgt Ion:168 Resp: 75485
Ion Ratio Lower Upper
168 100
99 50.6 41.7 62.5



#25
2-Butanone
Concen: 10.100 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013015.D
Acq: 20 Mar 2023 18:01

Tgt Ion: 43 Resp: 3680
Ion Ratio Lower Upper
43 100
72 13.2 21.0 31.4#

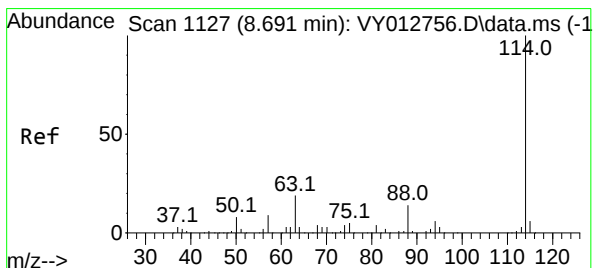
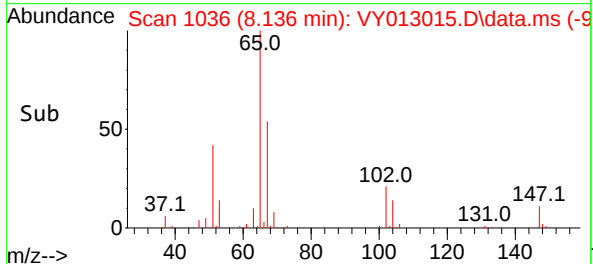
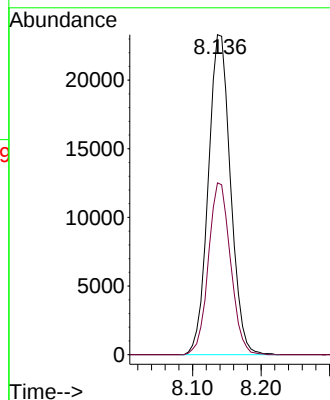
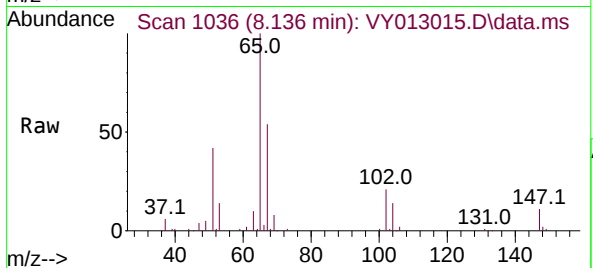




#33
 1,2-Dichloroethane-d4
 Concen: 70.170 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.007 min
 Lab File: VY013015.D
 Acq: 20 Mar 2023 18:01

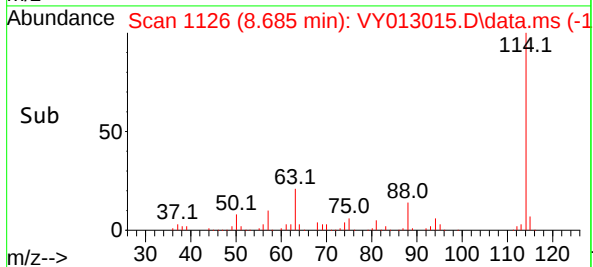
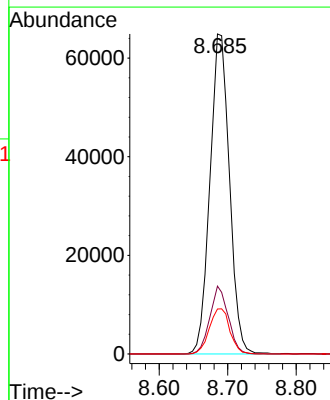
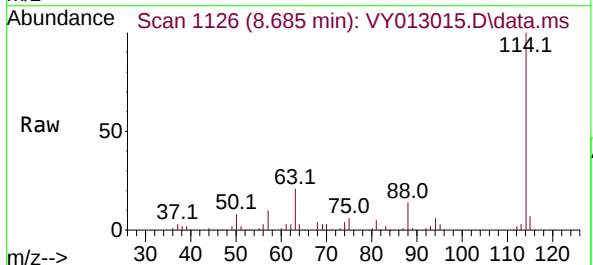
Instrument :
 MSVOA_Y
 ClientSampleId :
 031023-3

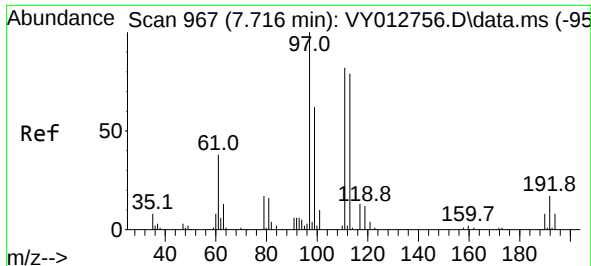
Tgt Ion: 65 Resp: 52590
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013015.D
 Acq: 20 Mar 2023 18:01

Tgt Ion: 114 Resp: 128016
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.4
 88 14.1 0.0 28.6

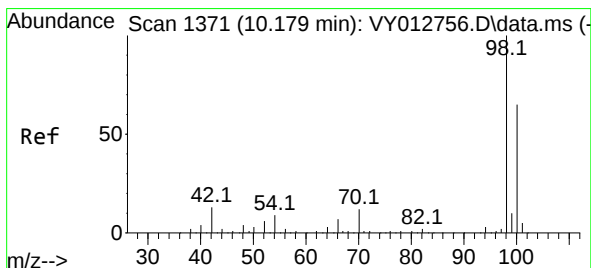
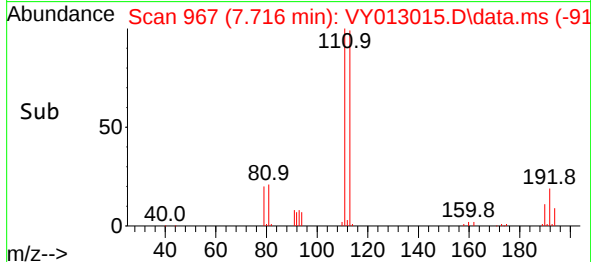
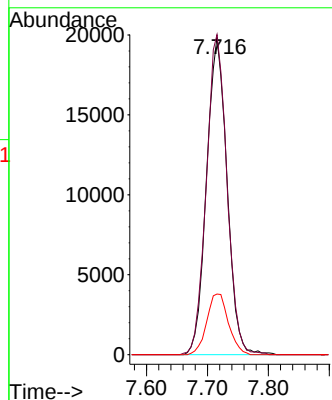
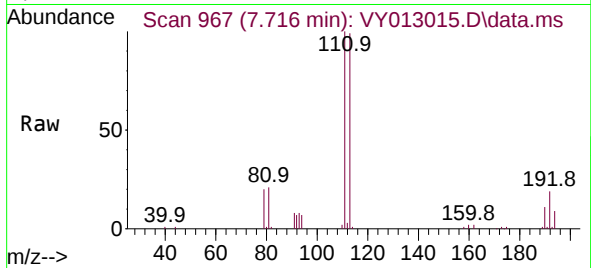




#35
Dibromofluoromethane
Concen: 59.999 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013015.D
Acq: 20 Mar 2023 18:01

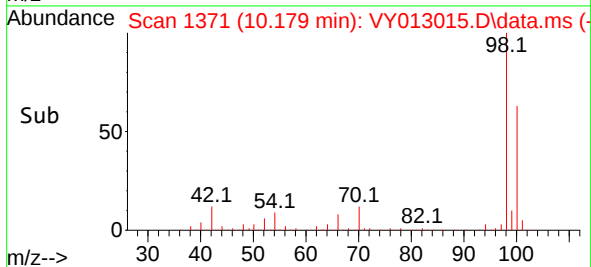
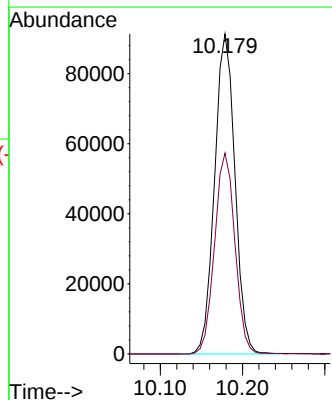
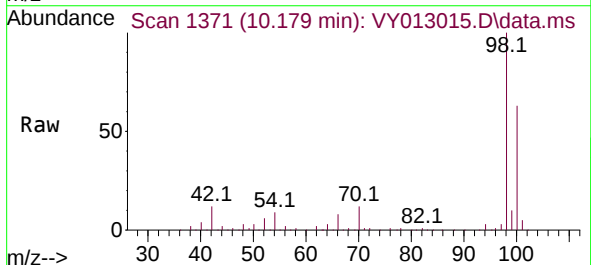
Instrument :
MSVOA_Y
ClientSampleId :
031023-3

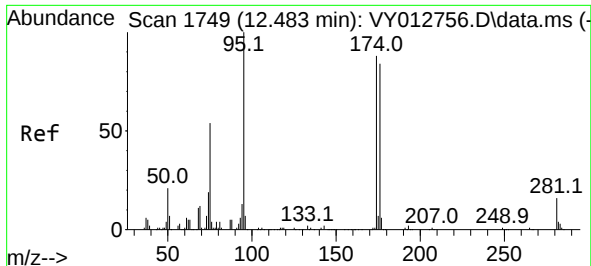
Tgt Ion:113 Resp: 46354
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.2 16.8 25.2



#50
Toluene-d8
Concen: 55.653 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013015.D
Acq: 20 Mar 2023 18:01

Tgt Ion: 98 Resp: 157185
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

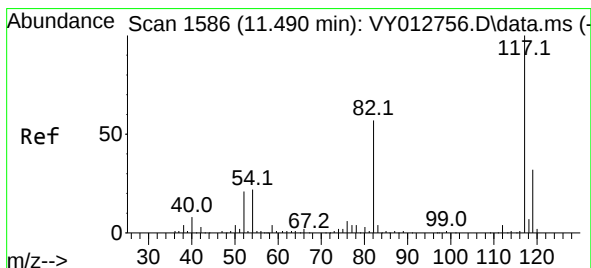
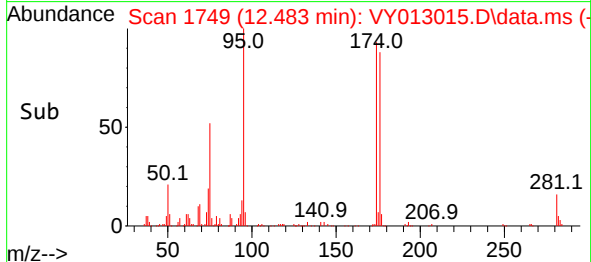
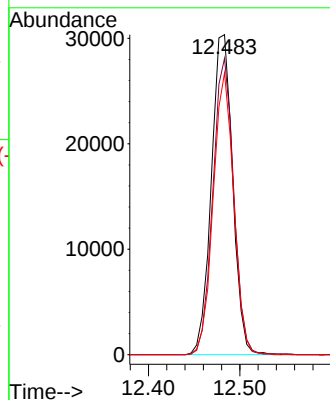
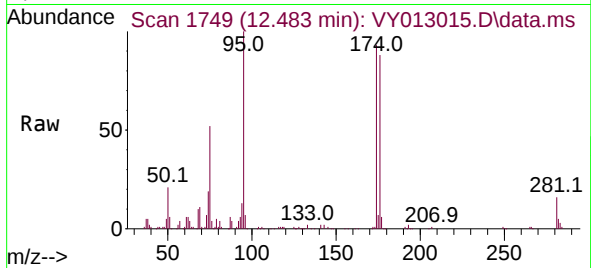




#62
4-Bromofluorobenzene
Concen: 51.461 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013015.D
Acq: 20 Mar 2023 18:01

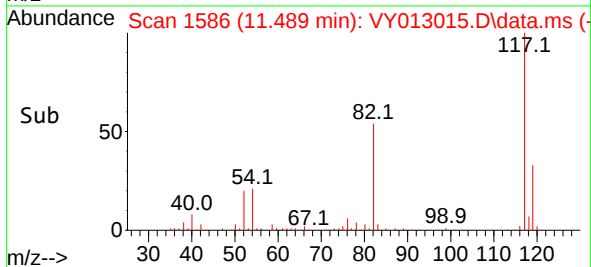
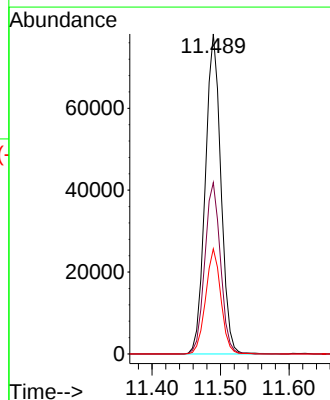
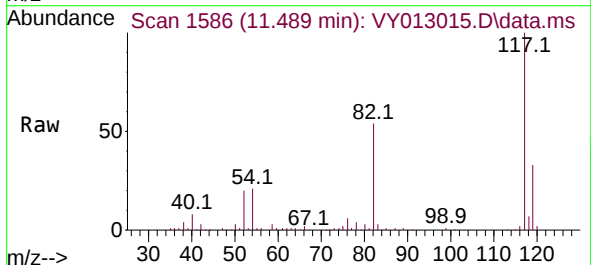
Instrument :
MSVOA_Y
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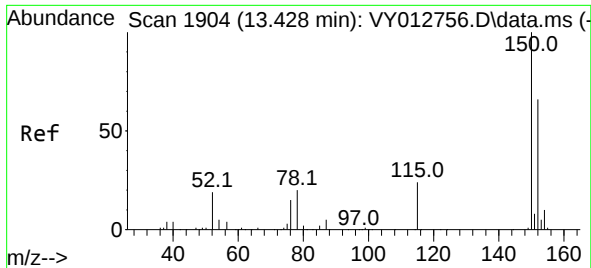
Tgt Ion: 95 Resp: 49058
Ion Ratio Lower Upper
95 100
174 90.8 0.0 176.6
176 85.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013015.D
Acq: 20 Mar 2023 18:01

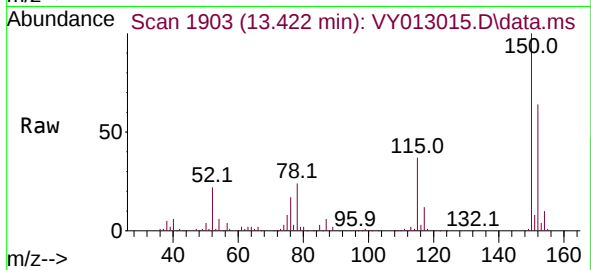
Tgt Ion: 117 Resp: 123899
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 32.9 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013015.D
Acq: 20 Mar 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :
031023-3



Tgt Ion:	152	Resp:	56539
Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.1	81.3
150	159.4	0.0	347.8

