

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012227.D
 Acq On : 17 Jan 2023 16:50
 Operator : KP/MD
 Sample : 01167-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-011623

Quant Time: Jan 18 00:33:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

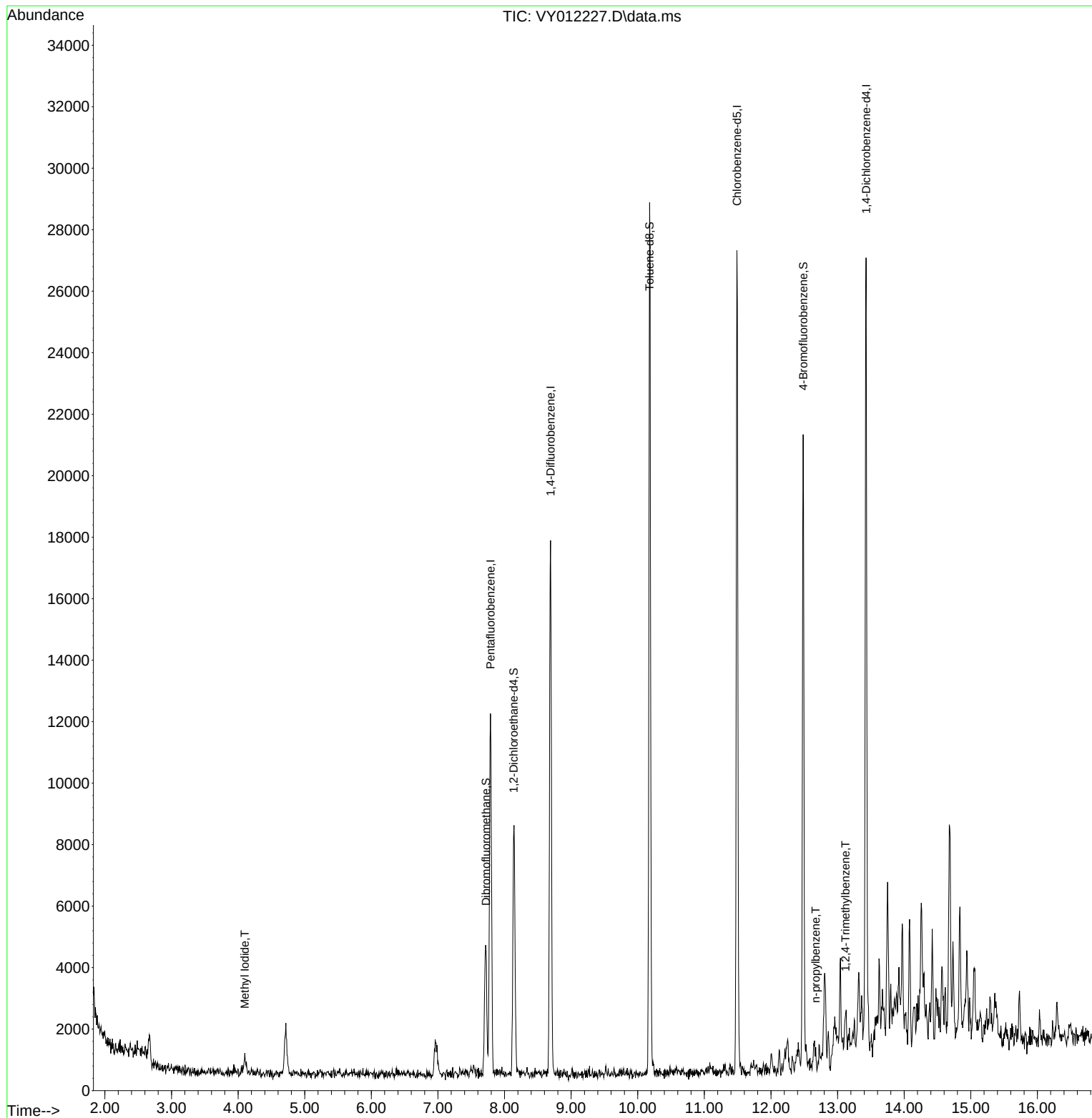
Internal Standards						
1) Pentafluorobenzene	7.789	168	9979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	16355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	16383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7046	88.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	176.380%#
35) Dibromofluoromethane	7.722	113	3193	36.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.740%
50) Toluene-d8	10.179	98	20144	68.760	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	137.520%
62) 4-Bromofluorobenzene	12.483	95	6456	52.884	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.760%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	882	6.502	ug/l #	95
78) n-propylbenzene	12.672	91	629	1.036	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	927	2.084	ug/l	95

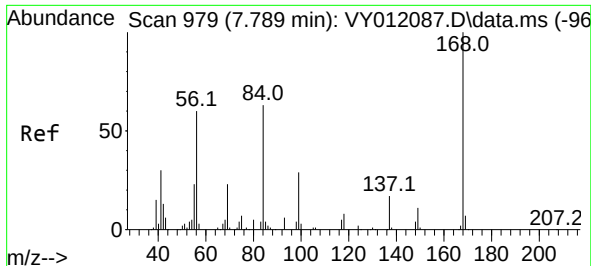
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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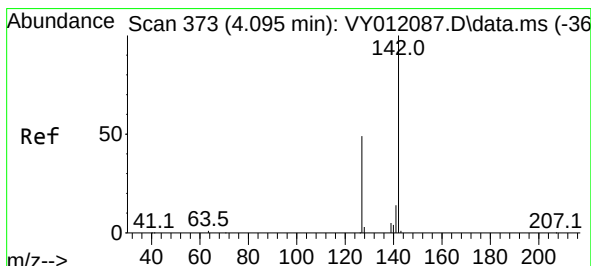
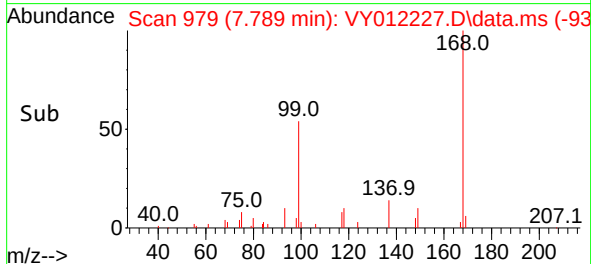
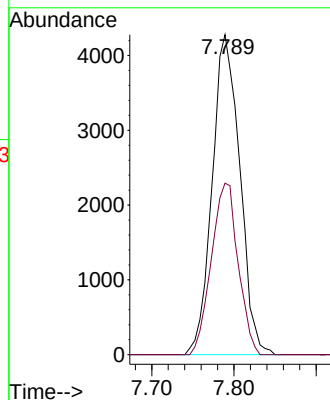
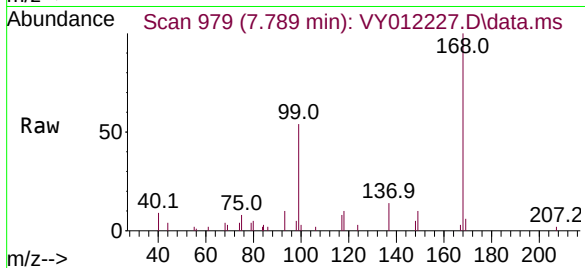




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012227.D
Acq: 17 Jan 2023 16:50

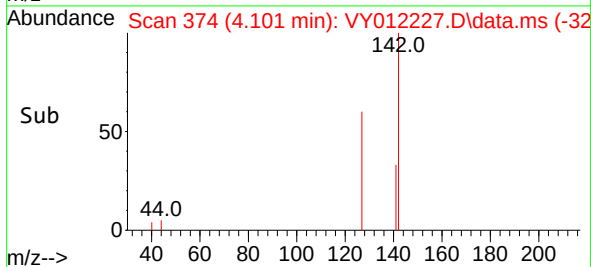
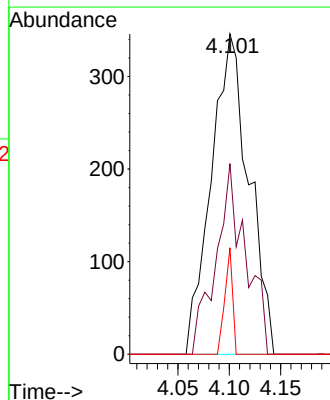
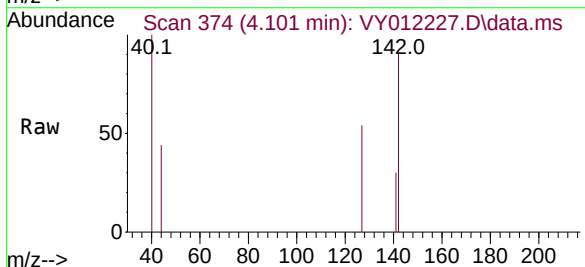
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-011623

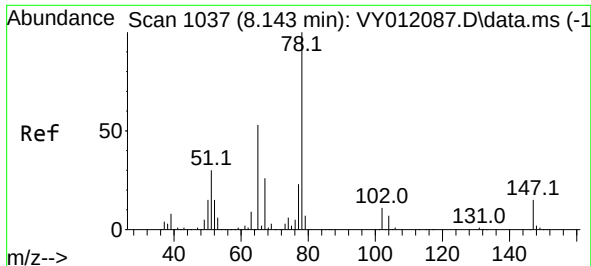
Tgt Ion:168 Resp: 9979
Ion Ratio Lower Upper
168 100
99 53.6 44.0 66.0



#10
Methyl Iodide
Concen: 6.502 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY012227.D
Acq: 17 Jan 2023 16:50

Tgt Ion:142 Resp: 882
Ion Ratio Lower Upper
142 100
127 47.2 37.0 55.4
141 6.8 11.4 17.0#





#33

1,2-Dichloroethane-d4

Concen: 88.188 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012227.D

Acq: 17 Jan 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

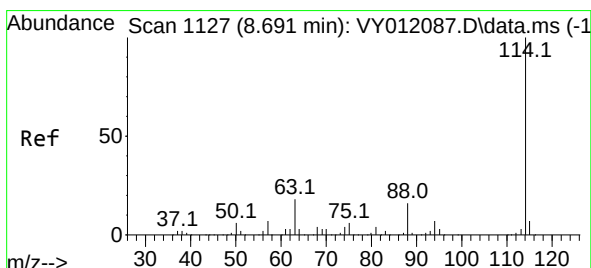
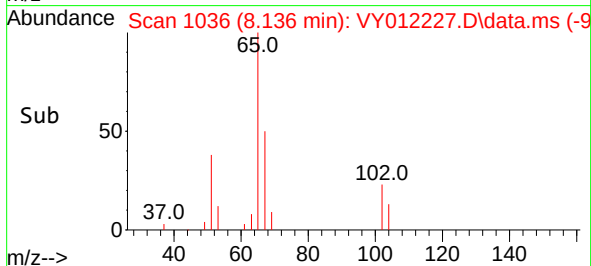
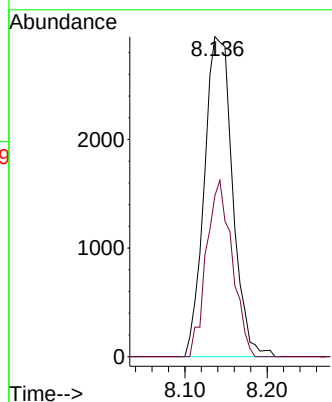
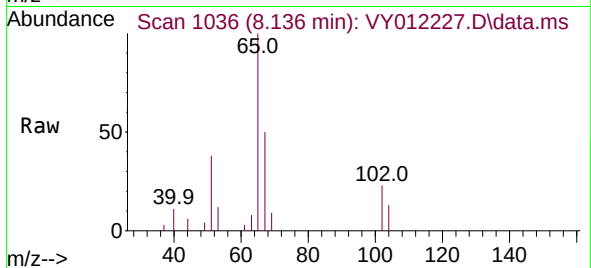
EO-3-011623

Tgt Ion: 65 Resp: 7046

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012227.D

Acq: 17 Jan 2023 16:50

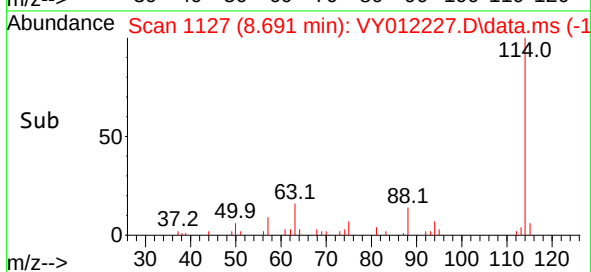
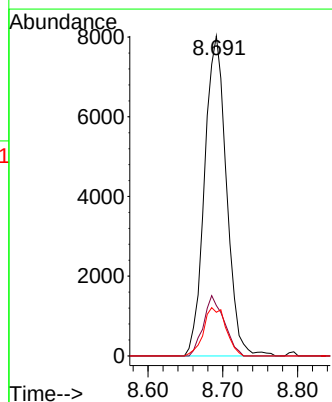
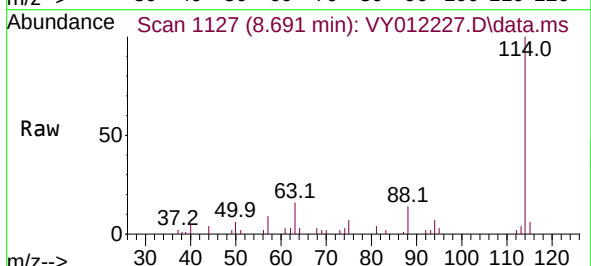
Tgt Ion: 114 Resp: 16355

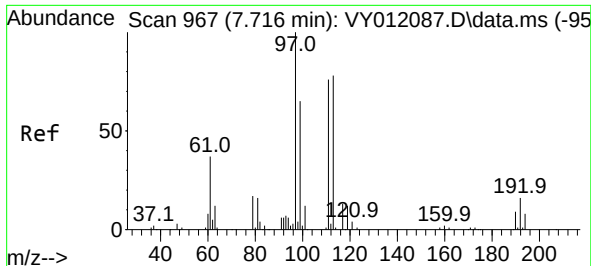
Ion Ratio Lower Upper

114 100

63 15.7 0.0 39.6

88 13.6 0.0 32.2

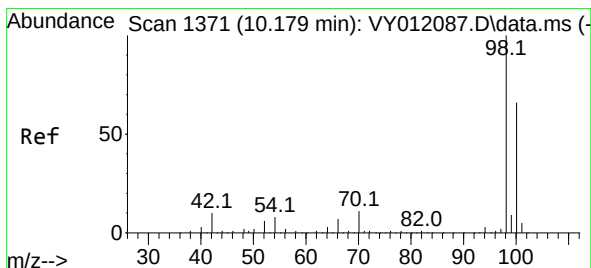
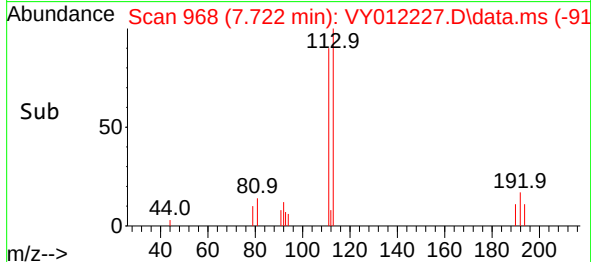
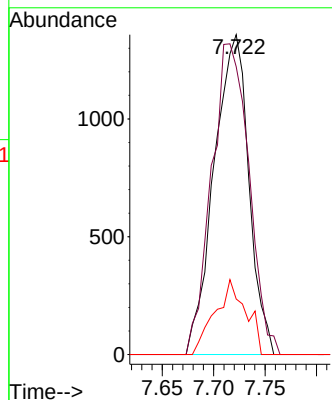
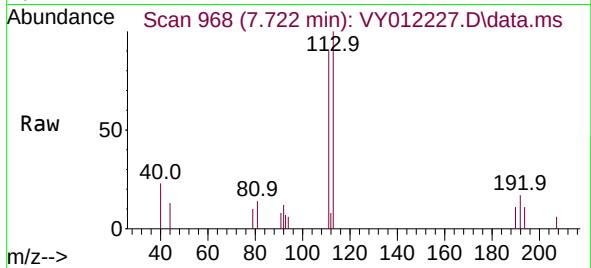




#35
 Dibromofluoromethane
 Concen: 36.871 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY012227.D
 Acq: 17 Jan 2023 16:50

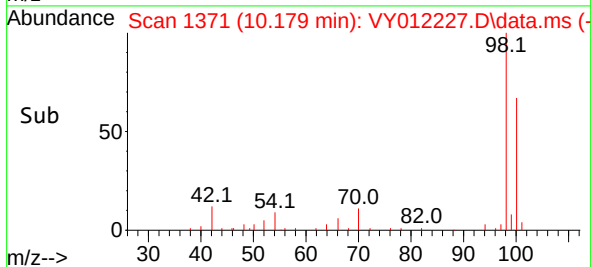
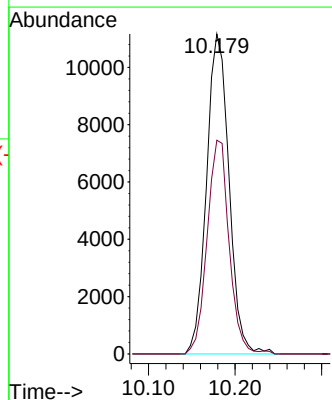
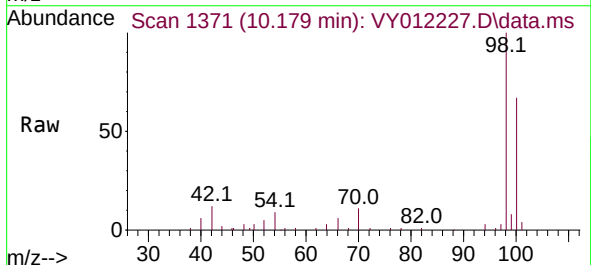
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-011623

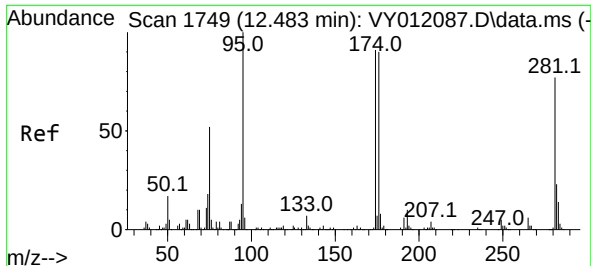
Tgt Ion:113 Resp: 3193
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.0 124.4
 192 20.8 16.0 24.0



#50
 Toluene-d8
 Concen: 68.760 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY012227.D
 Acq: 17 Jan 2023 16:50

Tgt Ion: 98 Resp: 20144
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.9 77.9

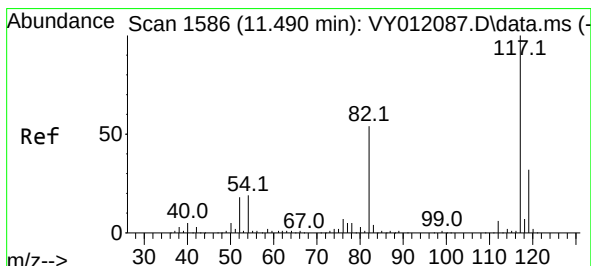
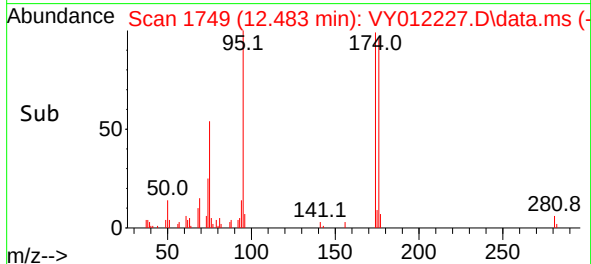
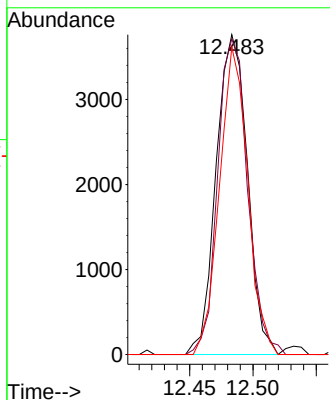
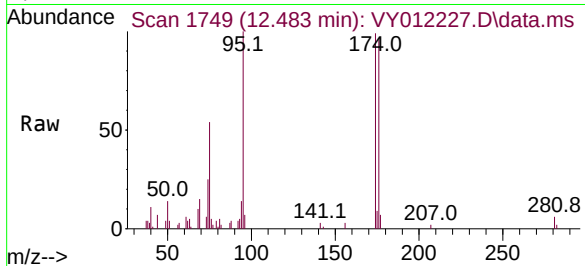




#62
4-Bromofluorobenzene
Concen: 52.884 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012227.D
Acq: 17 Jan 2023 16:50

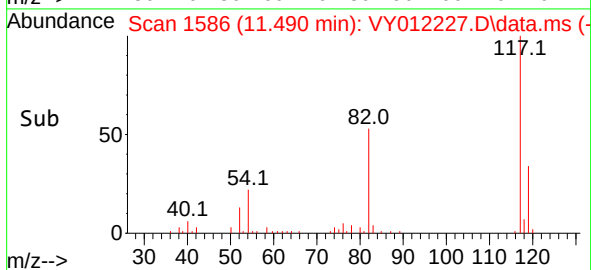
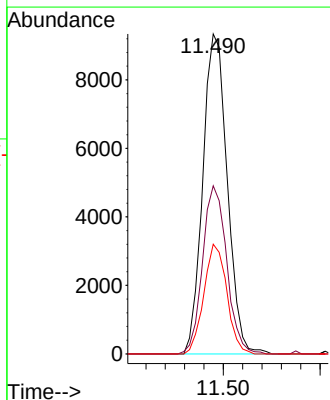
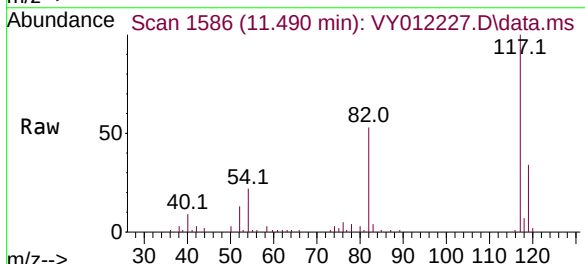
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-011623

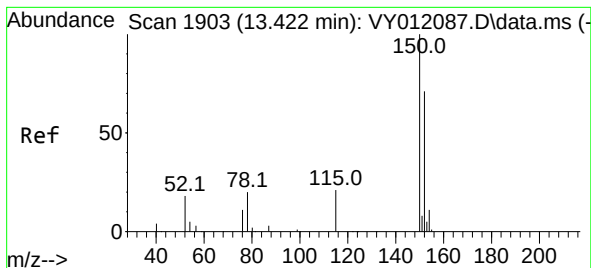
Tgt Ion:	95	Resp:	6456
Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	172.0
176	87.2	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012227.D
Acq: 17 Jan 2023 16:50

Tgt Ion:	117	Resp:	16383
Ion	Ratio	Lower	Upper
117	100		
82	52.5	44.8	67.2
119	34.3	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY012227.D

Acq: 17 Jan 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-011623

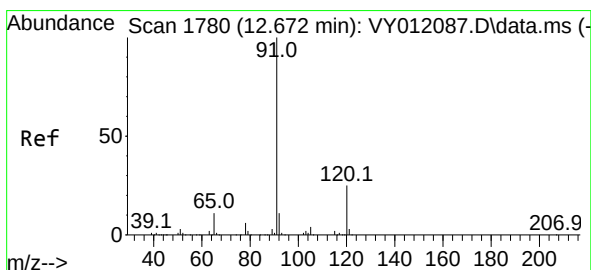
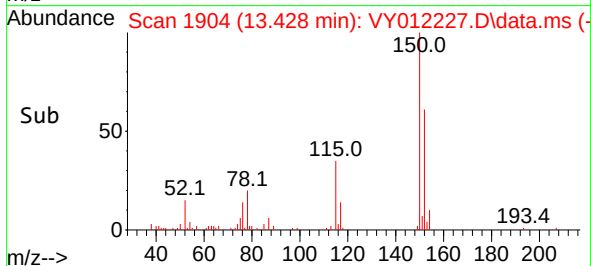
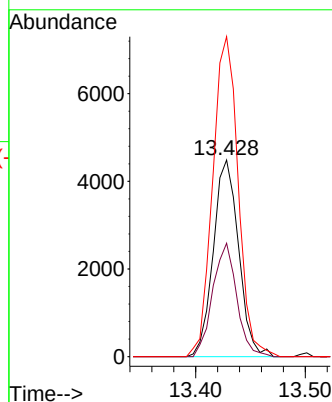
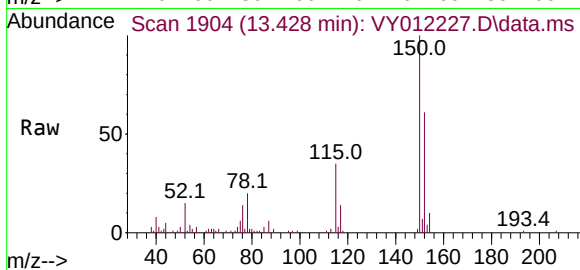
Tgt Ion:152 Resp: 7195

Ion Ratio Lower Upper

152 100

115 54.7 29.1 87.3

150 163.5 0.0 342.6



#78

n-propylbenzene

Concen: 1.036 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012227.D

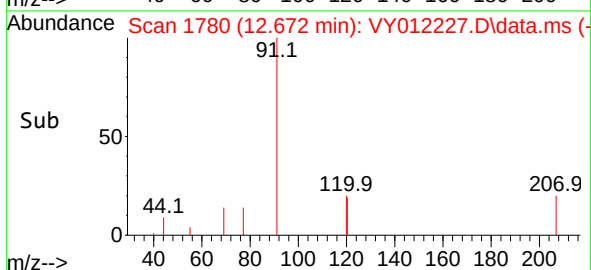
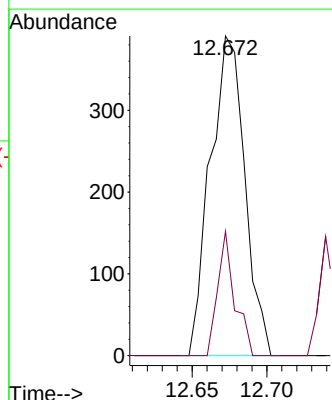
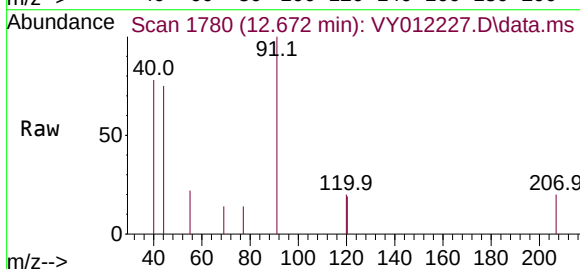
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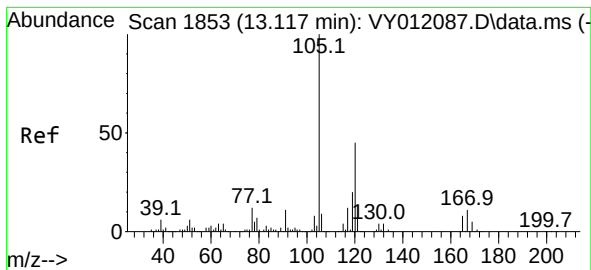
Tgt Ion: 91 Resp: 629

Ion Ratio Lower Upper

91 100

120 19.1 11.8 35.4





#84
 1,2,4-Trimethylbenzene
 Concen: 2.084 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY012227.D
 Acq: 17 Jan 2023 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-011623

Tgt Ion:105 Resp: 927
 Ion Ratio Lower Upper
 105 100
 120 48.9 22.9 68.7

