

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013404.D
 Acq On : 24 Apr 2023 16:40
 Operator : KP/MD
 Sample : 02406-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.0-6.5RE

Quant Time: Apr 25 03:14:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

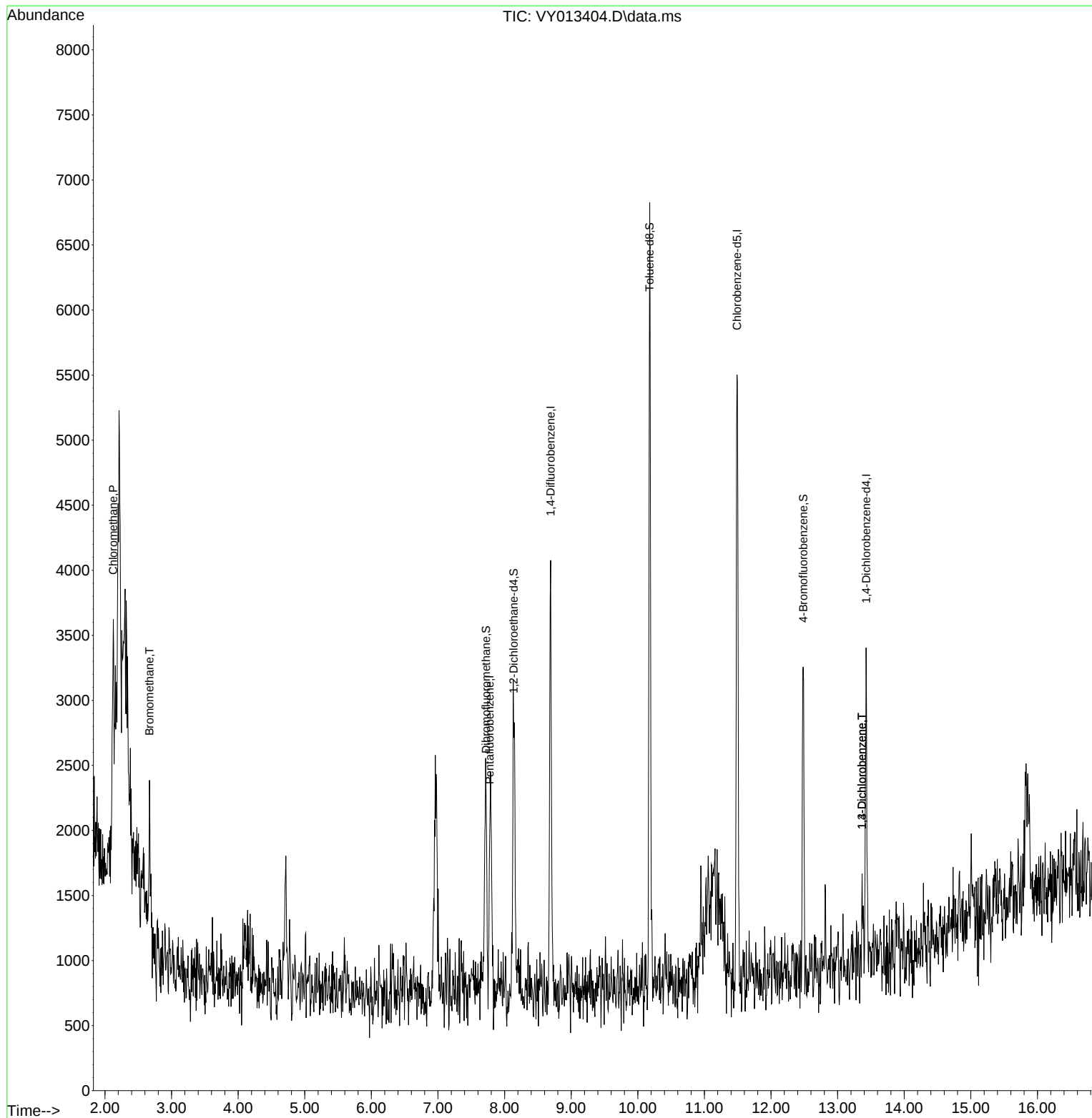
Internal Standards						
1) Pentafluorobenzene	7.777	168	1715	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.691	114	3000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	1879	99.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 199.900%	#
35) Dibromofluoromethane	7.722	113	1062	56.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.560%	
50) Toluene-d8	10.179	98	3627	54.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.483	95	889	39.286	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.580%	
Target Compounds						
						Qvalue
3) Chloromethane	2.125	50	617	28.232	ug/l	92
5) Bromomethane	2.668	94	321	18.511	ug/l	# 80
87) 1,3-Dichlorobenzene	13.367	146	138	4.928	ug/l	89
88) 1,4-Dichlorobenzene	13.367	146	138	4.879	ug/l	89

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

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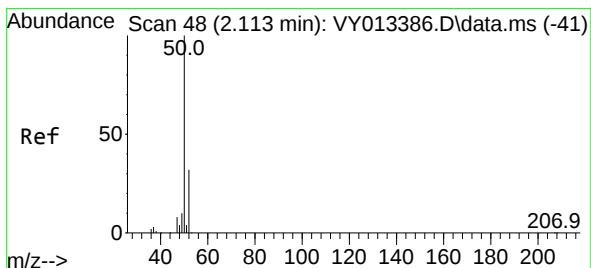
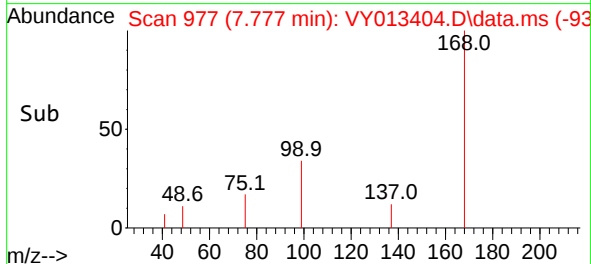
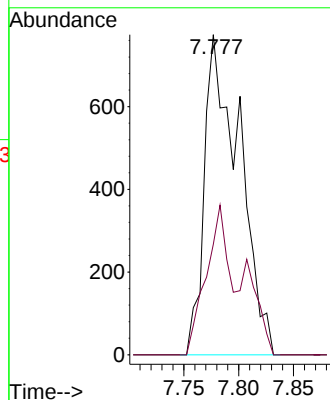
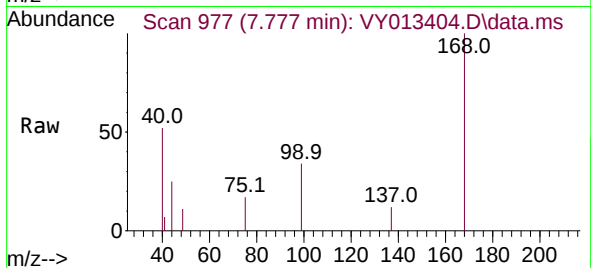




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

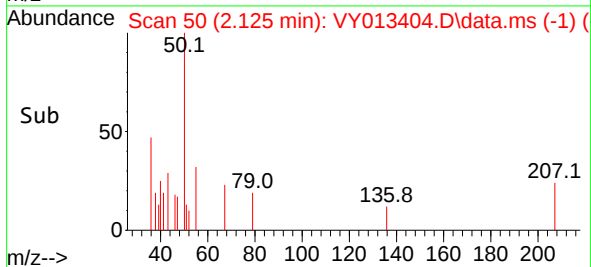
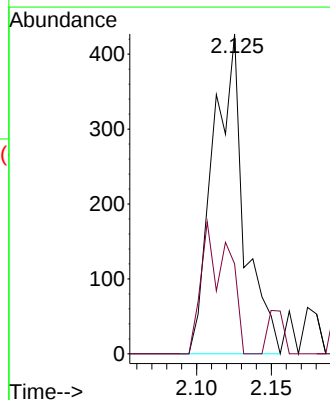
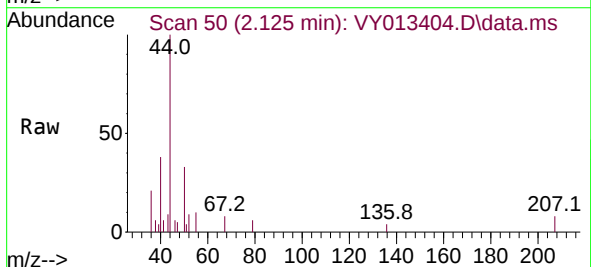
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

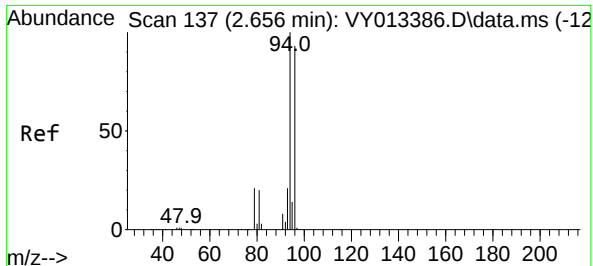
Tgt Ion:168 Resp: 1715
Ion Ratio Lower Upper
168 100
99 34.5 41.8 62.6#



#3
Chloromethane
Concen: 28.232 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 50 Resp: 617
Ion Ratio Lower Upper
50 100
52 28.1 25.9 38.9

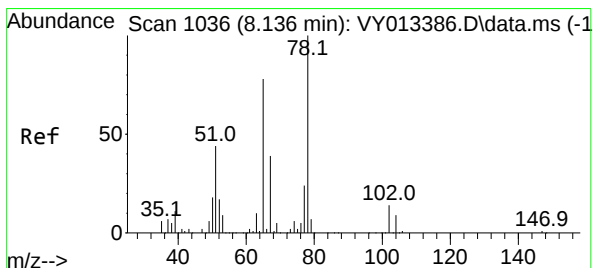
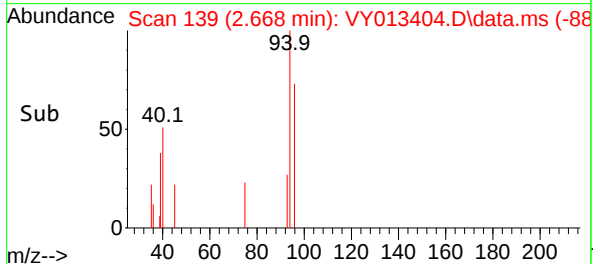
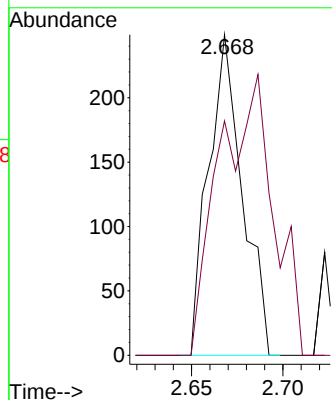
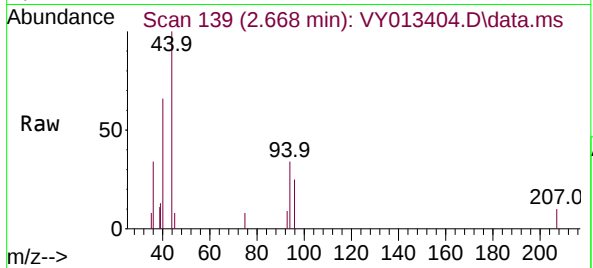




#5
Bromomethane
Concen: 18.511 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

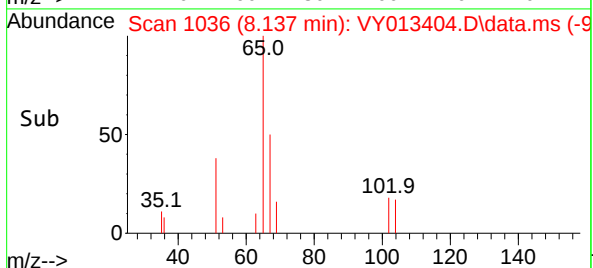
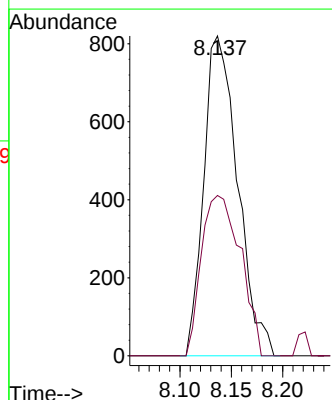
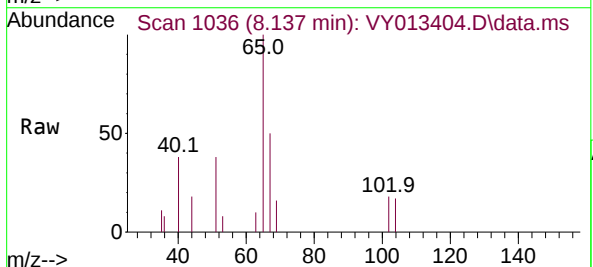
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

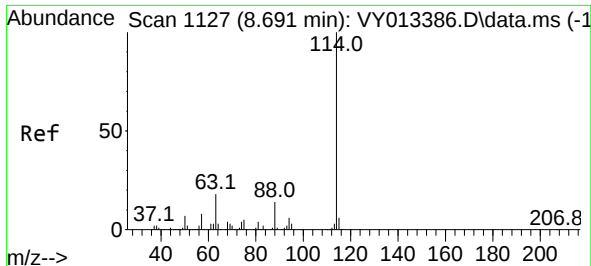
Tgt Ion: 94 Resp: 321
Ion Ratio Lower Upper
94 100
96 73.1 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 99.946 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 65 Resp: 1879
Ion Ratio Lower Upper
65 100
67 57.8 0.0 103.4

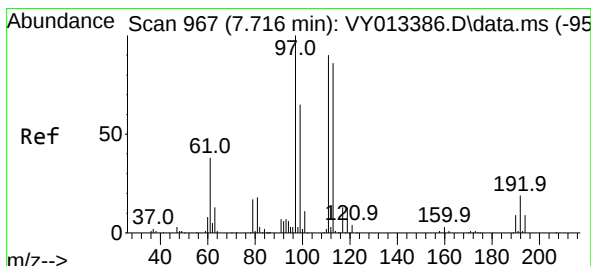
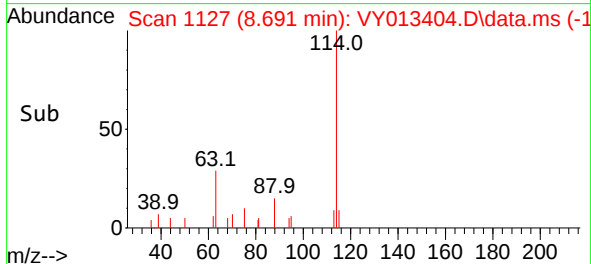
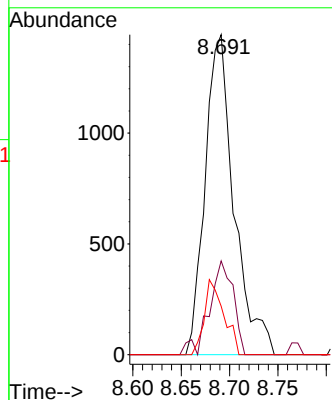
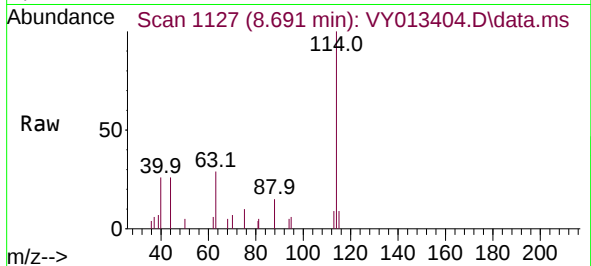




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013404.D
 Acq: 24 Apr 2023 16:40

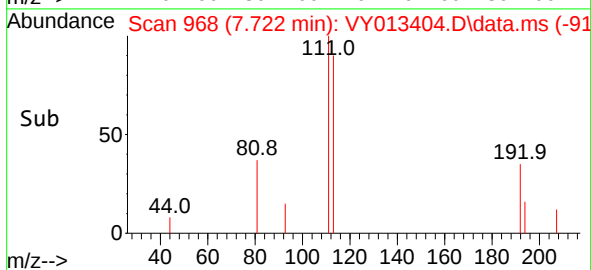
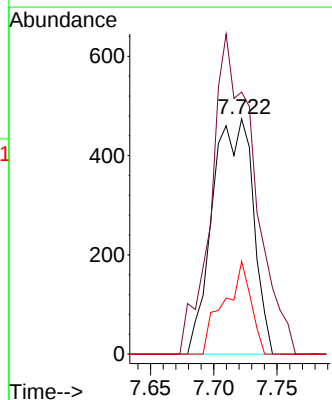
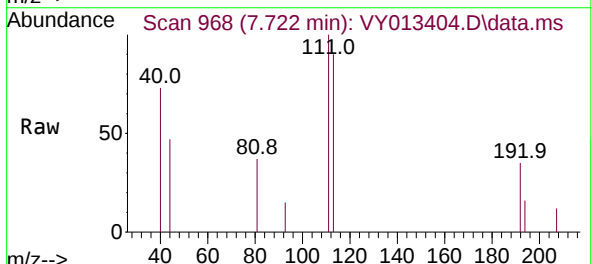
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.0-6.5RE

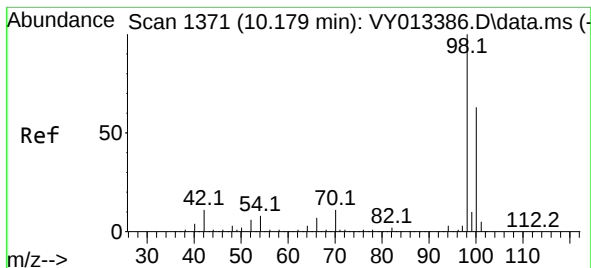
Tgt Ion:	114	Resp:	3000
Ion	Ratio	Lower	Upper
114	100		
63	29.3	0.0	36.6
88	15.2	0.0	28.8



#35
 Dibromofluoromethane
 Concen: 56.284 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY013404.D
 Acq: 24 Apr 2023 16:40

Tgt Ion:	113	Resp:	1062
Ion	Ratio	Lower	Upper
113	100		
111	142.4	82.2	123.2#
192	26.1	16.7	25.1#





#50

Toluene-d8

Concen: 54.035 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

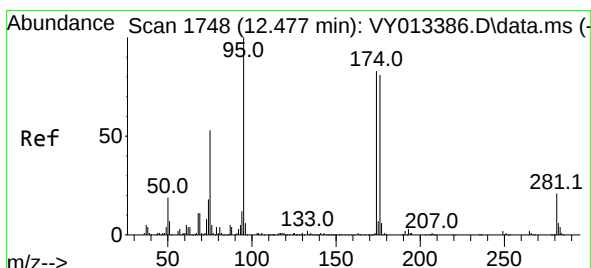
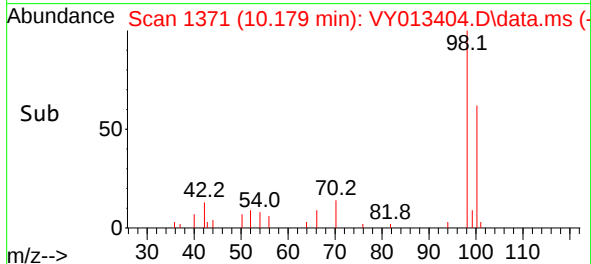
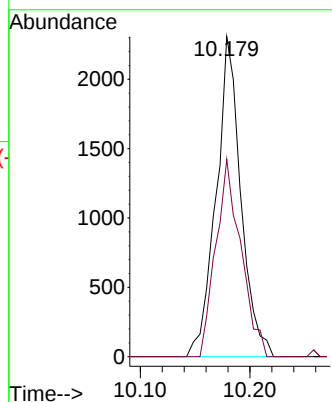
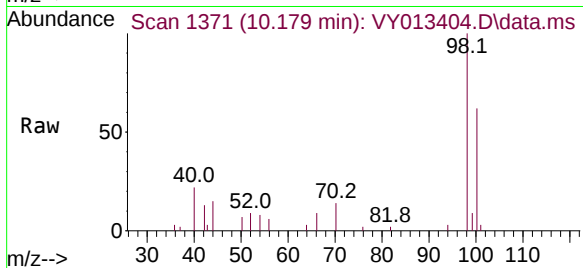
SB-12-6.0-6.5RE

Tgt Ion: 98 Resp: 3627

Ion Ratio Lower Upper

98 100

100 62.4 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 39.286 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

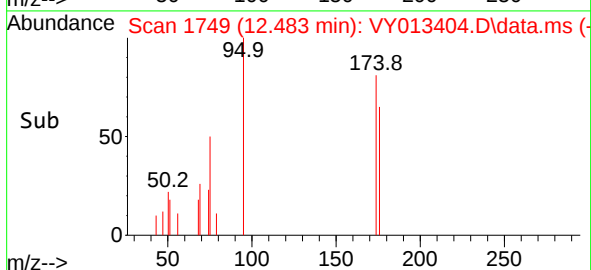
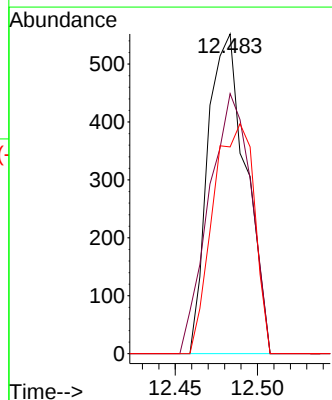
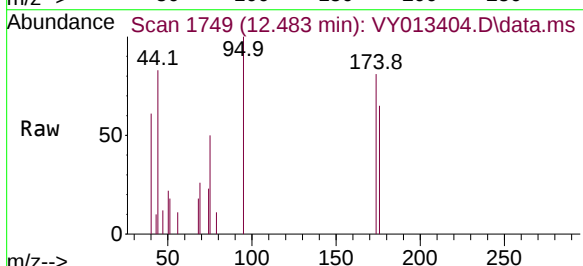
Tgt Ion: 95 Resp: 889

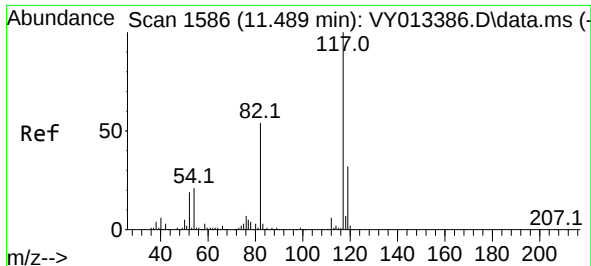
Ion Ratio Lower Upper

95 100

174 89.9 0.0 182.0

176 78.1 0.0 175.4

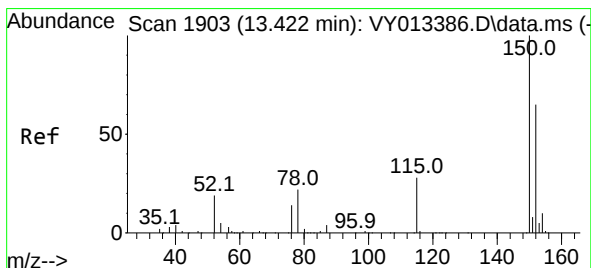
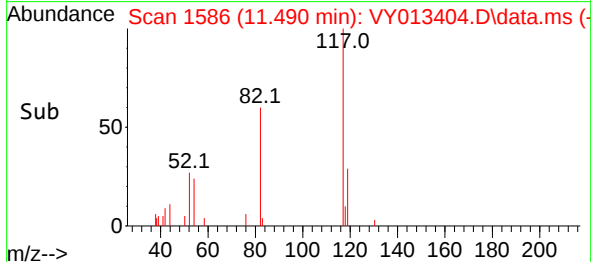
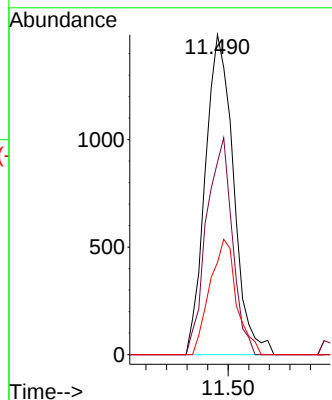
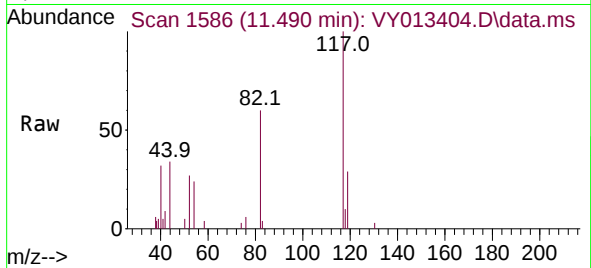




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

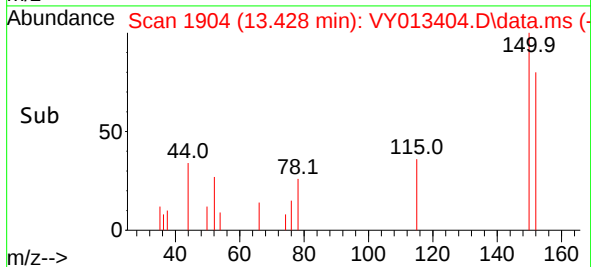
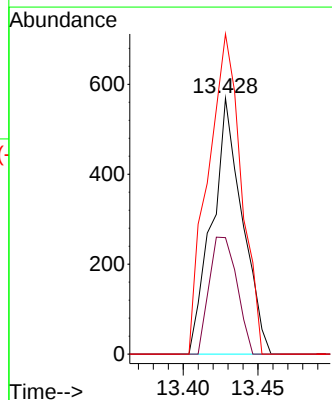
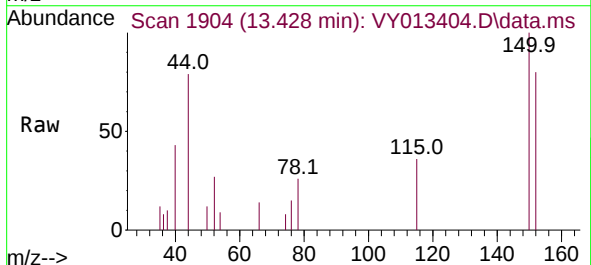
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

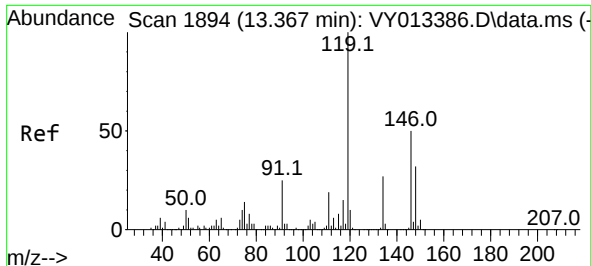
Tgt Ion:	117	Resp:	2838
Ion	Ratio	Lower	Upper
117	100		
82	60.1	43.0	64.6
119	28.8	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion:	152	Resp:	802
Ion	Ratio	Lower	Upper
152	100		
115	41.6	28.1	84.2
150	137.5	0.0	352.0

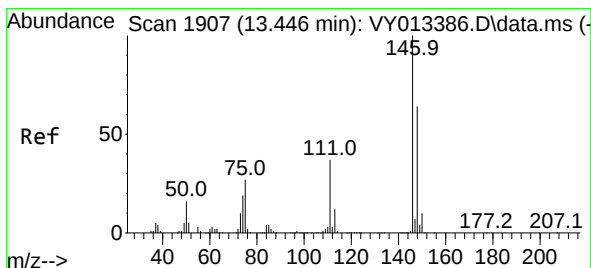
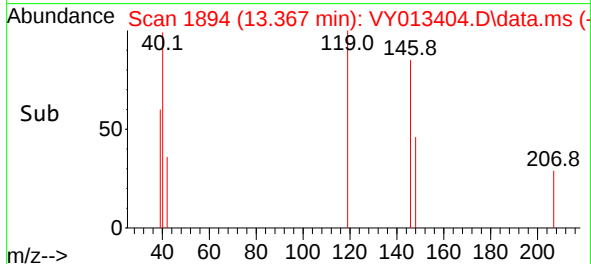
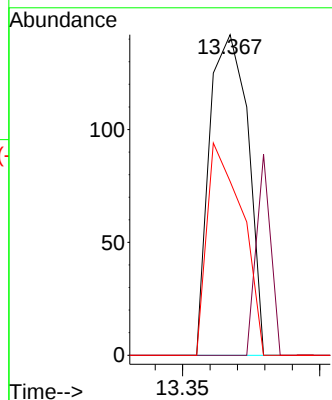
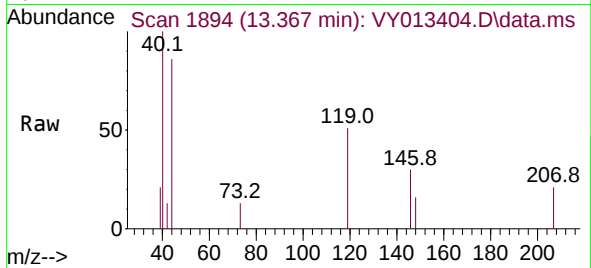




#87
1,3-Dichlorobenzene
Concen: 4.928 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

Tgt Ion:146 Resp: 138
Ion Ratio Lower Upper
146 100
111 23.9 19.3 57.9
148 60.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 4.879 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.079 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion:146 Resp: 138
Ion Ratio Lower Upper
146 100
111 23.9 18.9 56.5
148 60.9 31.9 95.5

