

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012592.D
 Acq On : 14 Feb 2023 16:58
 Operator : KP/MD
 Sample : 01552-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Feb 15 01:30:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

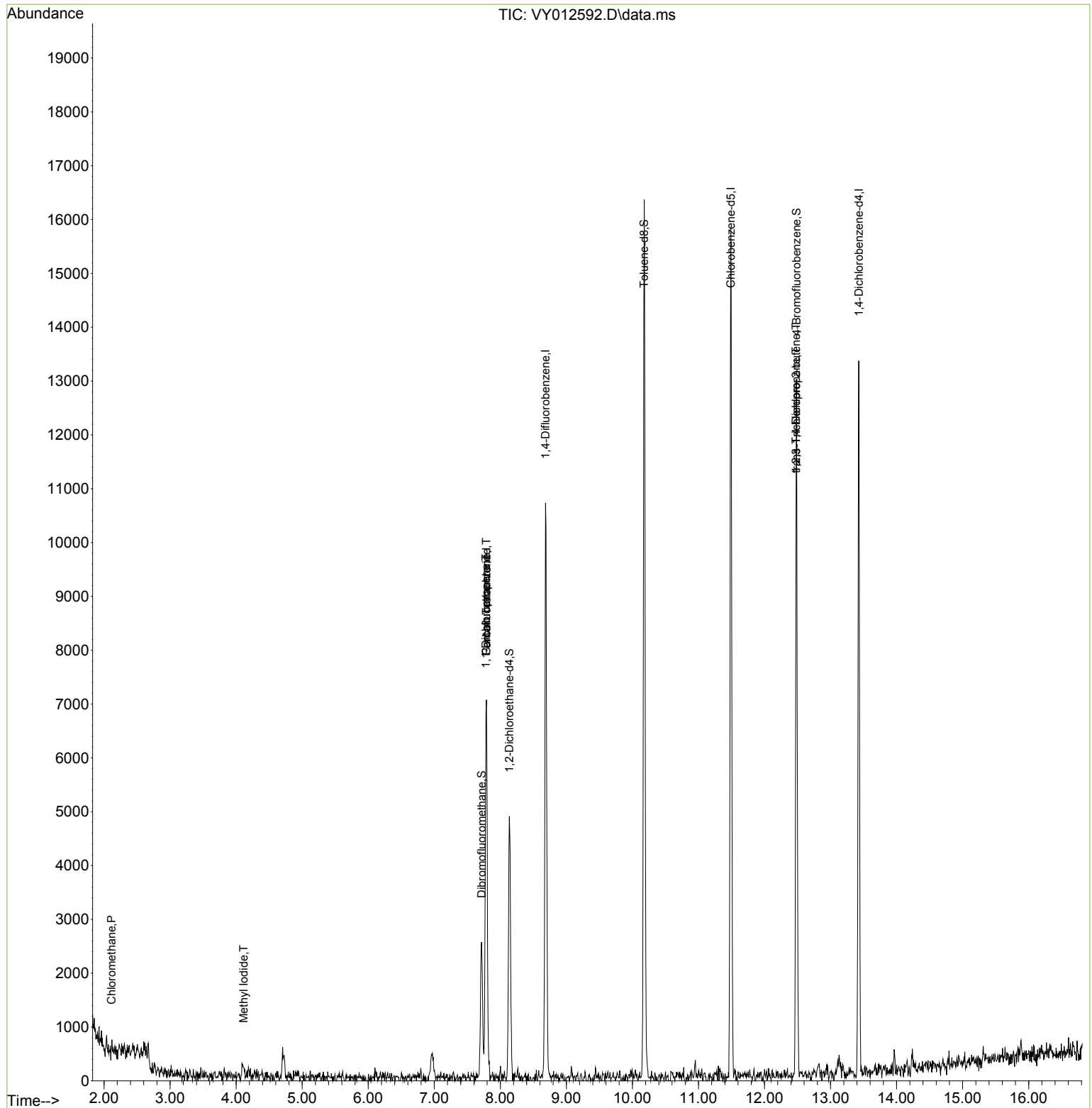
Internal Standards						
1) Pentafluorobenzene	7.789	168	5941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	10234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	10335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4357	57.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.340%
35) Dibromofluoromethane	7.716	113	1911	25.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.280%#
50) Toluene-d8	10.179	98	12078	38.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.860%
62) 4-Bromofluorobenzene	12.483	95	3771	34.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.700%
Target Compounds						
3) Chloromethane	2.113	50	89	1.923	ug/l #	42
5) Bromomethane	2.668	94	120	Below Cal	#	79
10) Methyl Iodide	4.113	142	381	4.910	ug/l #	63
36) 1,1-Dichloropropene	7.783	75	322	3.192	ug/l #	39
38) Carbon Tetrachloride	7.789	117	662	4.889	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	1884	41.019	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1884	92.501	ug/l #	12

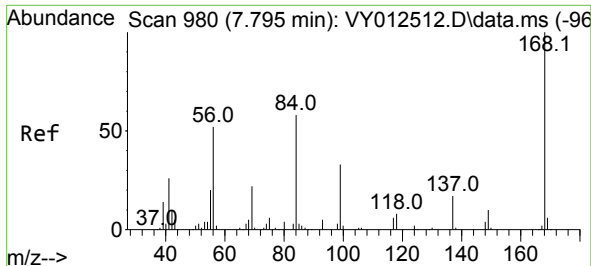
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
Data File : VY012592.D
Acq On : 14 Feb 2023 16:58
Operator : KP/MD
Sample : 01552-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

Quant Time: Feb 15 01:30:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

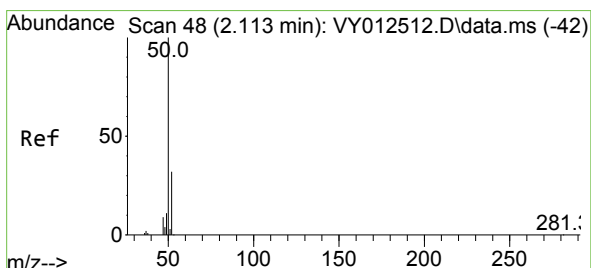
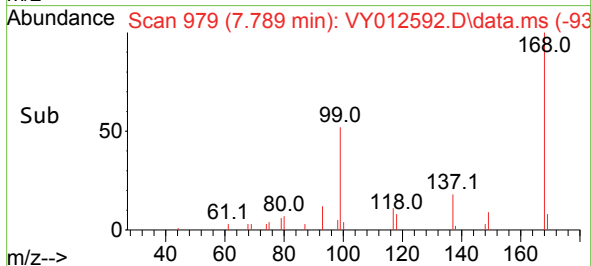
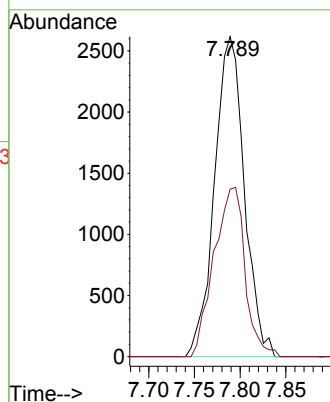
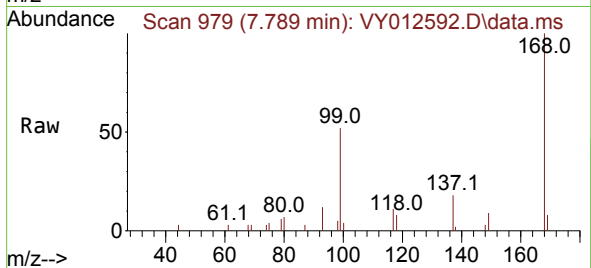




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

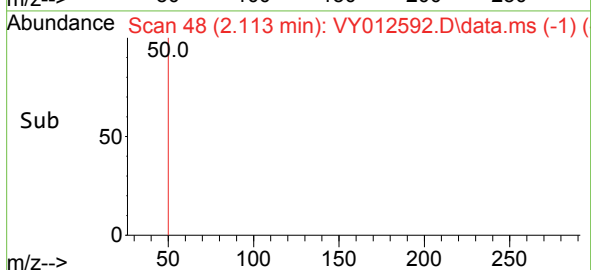
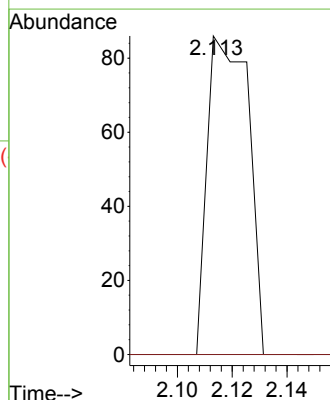
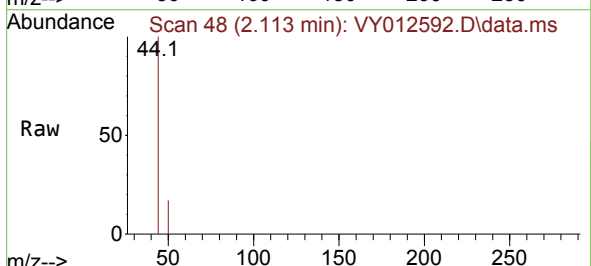
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

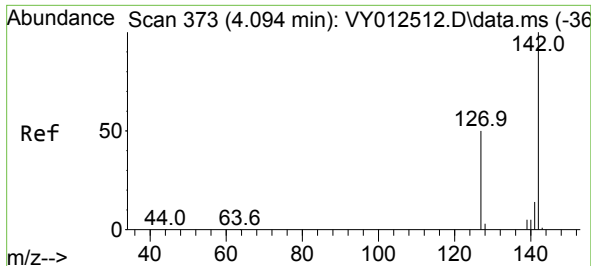
Tgt Ion:168 Resp: 5941
Ion Ratio Lower Upper
168 100
99 52.4 40.8 61.2



#3
Chloromethane
Concen: 1.923 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

Tgt Ion: 50 Resp: 89
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

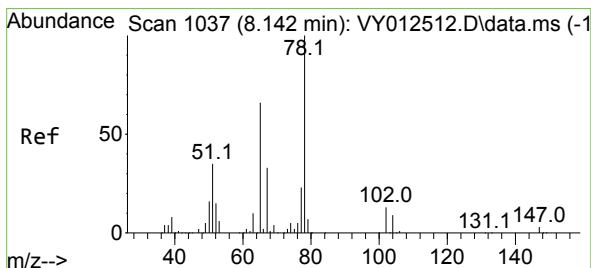
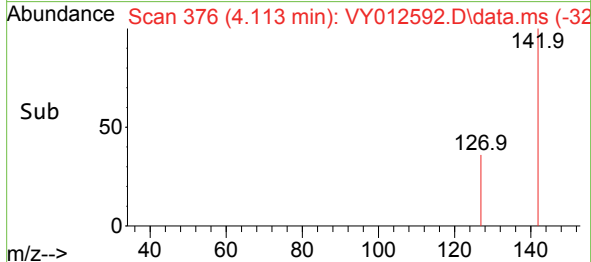
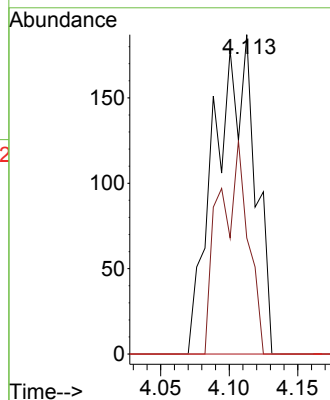
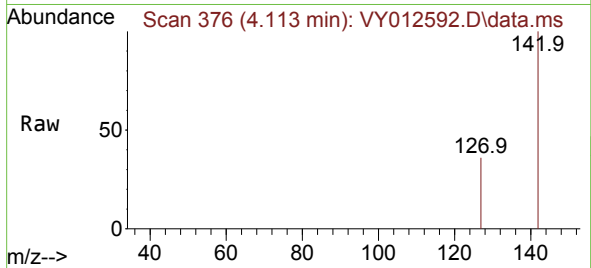




#10
Methyl Iodide
Concen: 4.910 ug/l
RT: 4.113 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

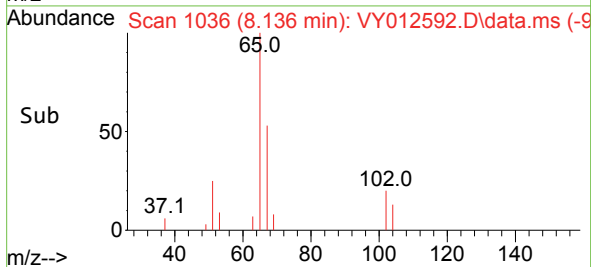
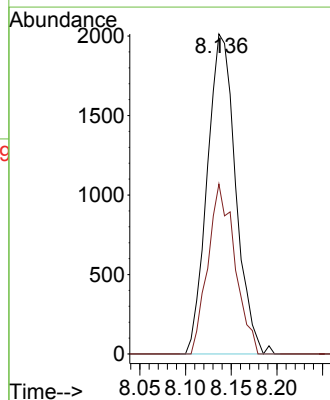
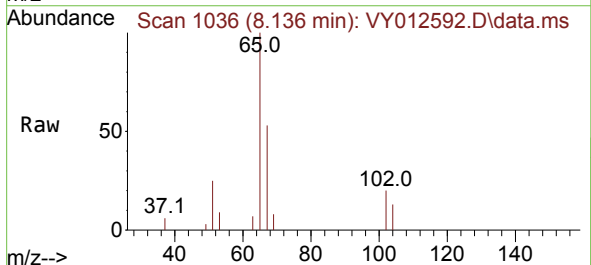
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

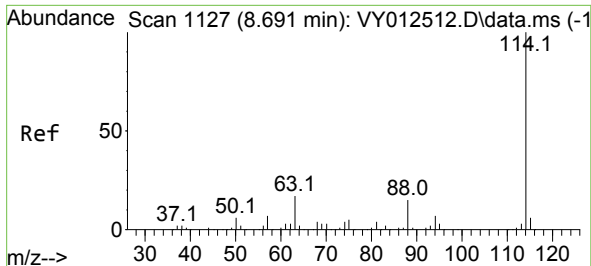
Tgt Ion:142 Resp: 381
Ion Ratio Lower Upper
142 100
127 24.1 39.8 59.6#
141 0.0 11.6 17.4#



#33
1,2-Dichloroethane-d4
Concen: 57.673 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

Tgt Ion: 65 Resp: 4357
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012592.D

Acq: 14 Feb 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-0-2.0

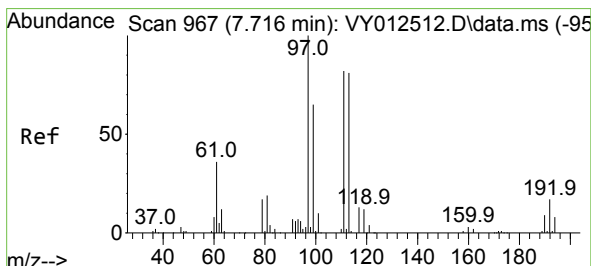
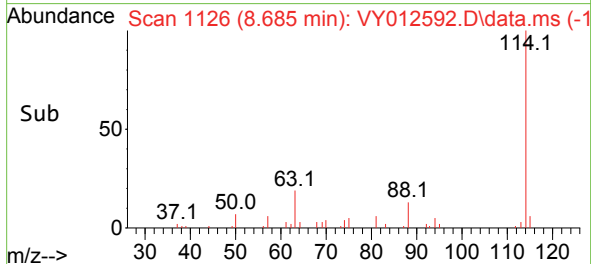
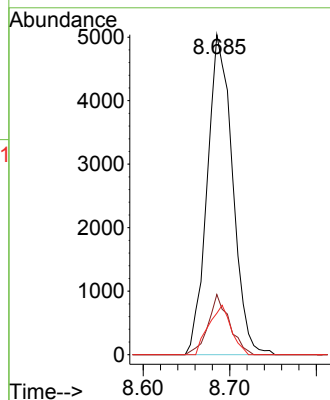
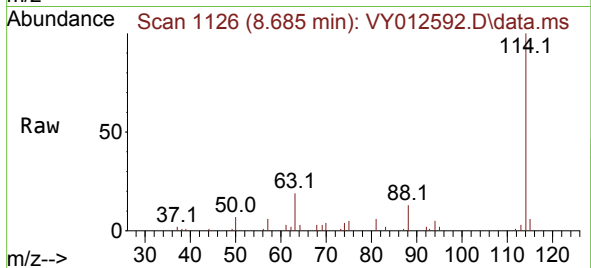
Tgt Ion:114 Resp: 10234

Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.6

88 13.0 0.0 29.8



#35

Dibromofluoromethane

Concen: 25.641 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012592.D

Acq: 14 Feb 2023 16:58

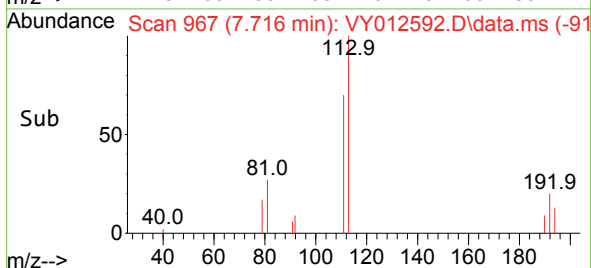
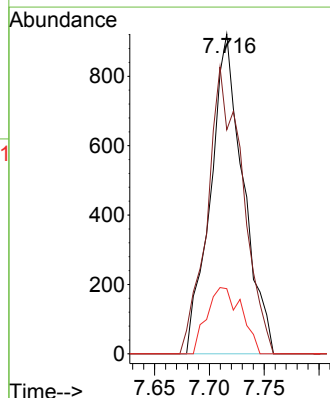
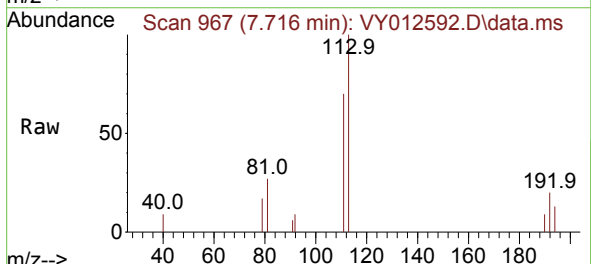
Tgt Ion:113 Resp: 1911

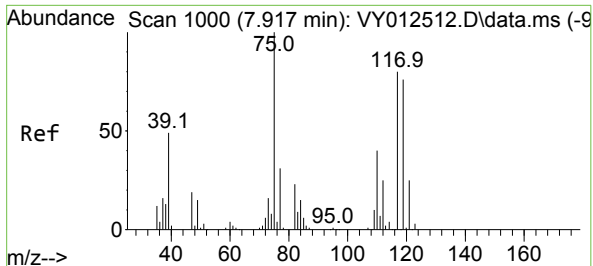
Ion Ratio Lower Upper

113 100

111 96.9 81.9 122.9

192 22.0 17.5 26.3





#36

1,1-Dichloropropene

Concen: 3.192 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012592.D

Acq: 14 Feb 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-0-2.0

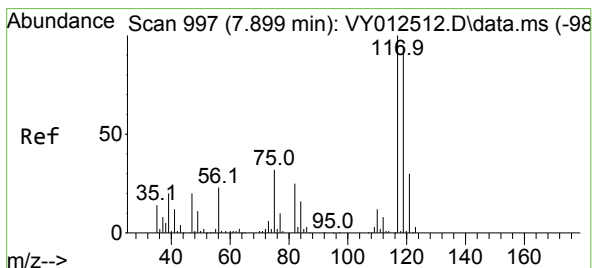
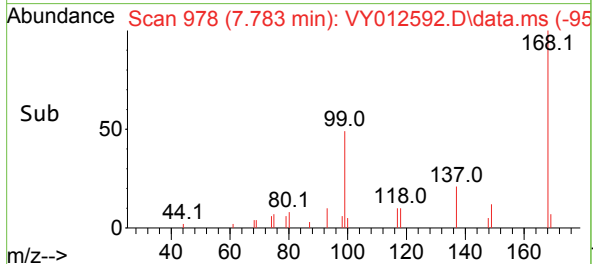
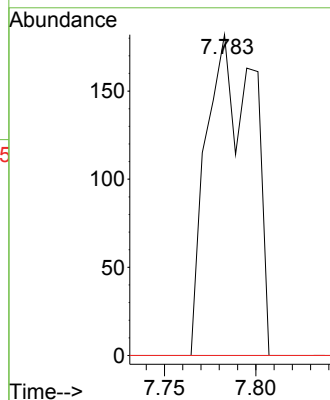
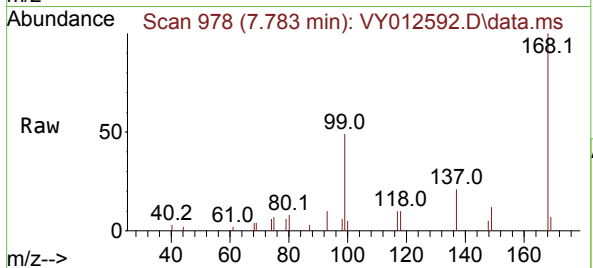
Tgt Ion: 75 Resp: 322

Ion Ratio Lower Upper

75 100

110 0.0 19.5 58.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.889 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012592.D

Acq: 14 Feb 2023 16:58

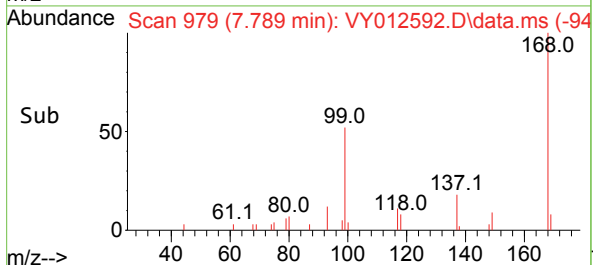
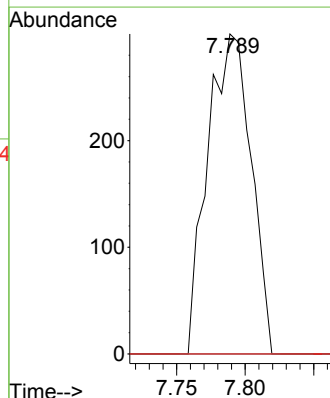
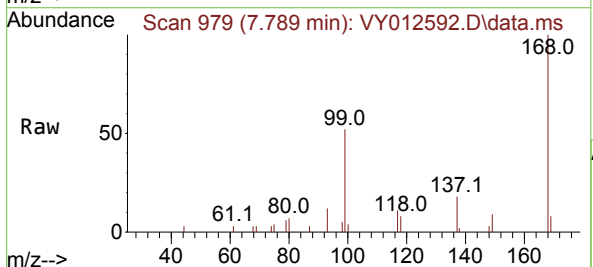
Tgt Ion: 117 Resp: 662

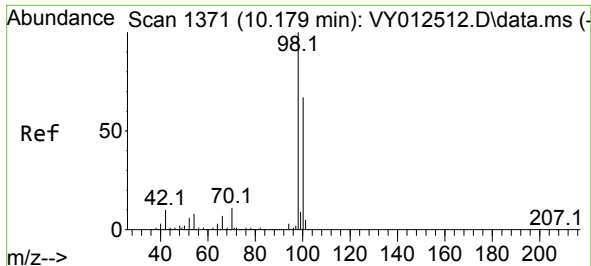
Ion Ratio Lower Upper

117 100

119 0.0 75.1 112.7#

121 0.0 24.3 36.5#

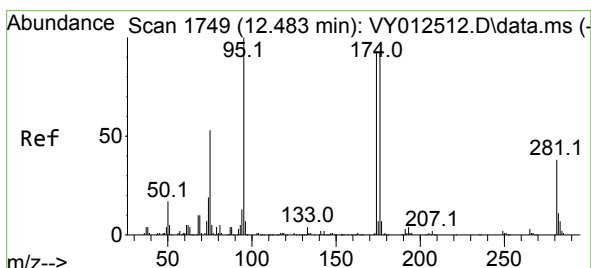
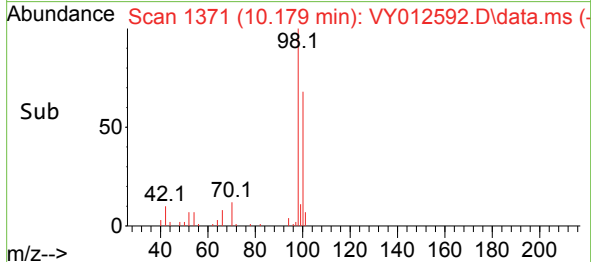
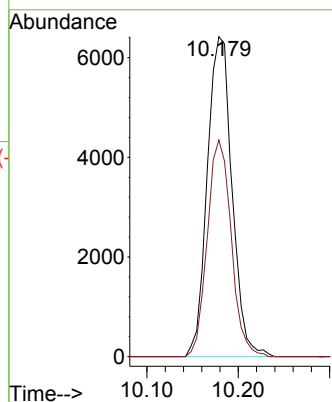
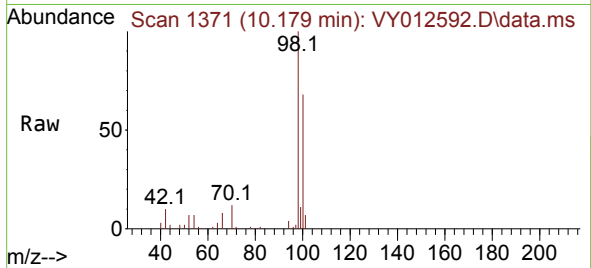




#50
Toluene-d8
Concen: 38.934 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

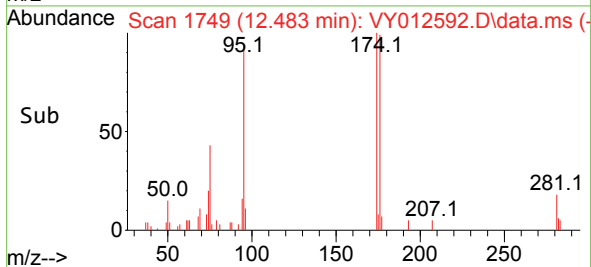
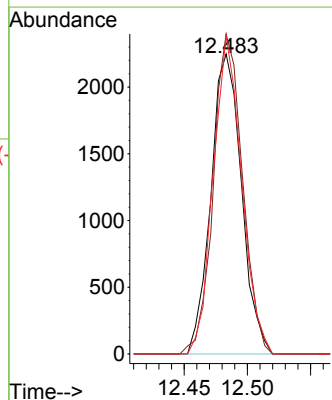
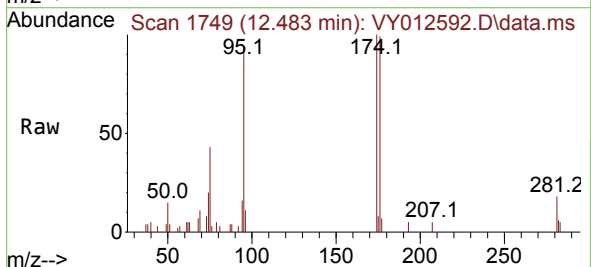
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

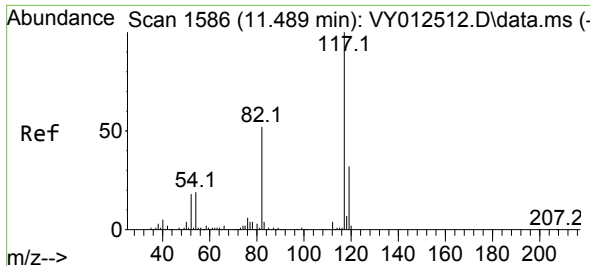
Tgt Ion: 98 Resp: 12078
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 34.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

Tgt Ion: 95 Resp: 3771
Ion Ratio Lower Upper
95 100
174 101.7 0.0 188.0
176 99.0 0.0 183.6

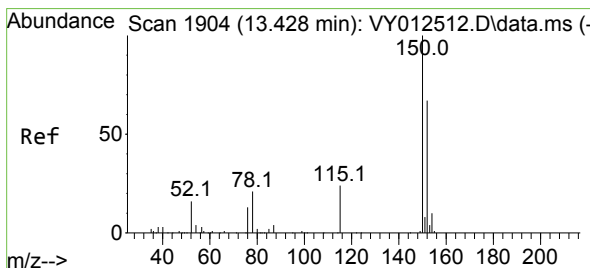
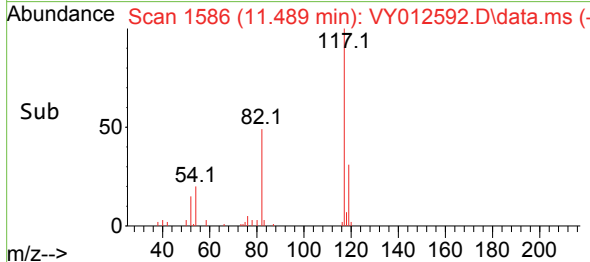
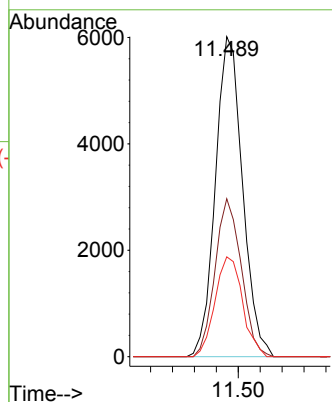
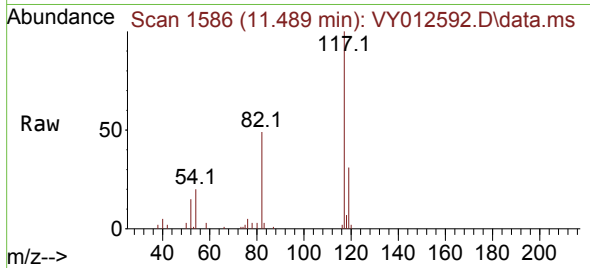




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

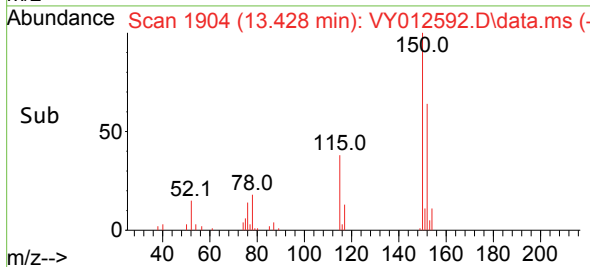
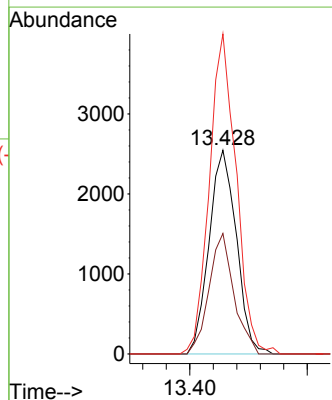
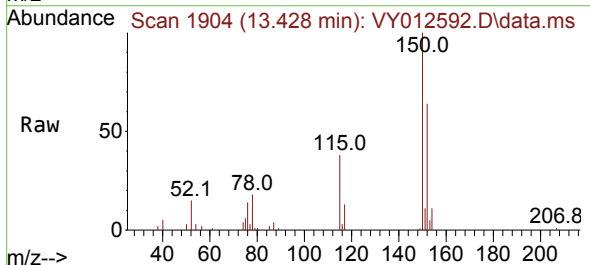
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

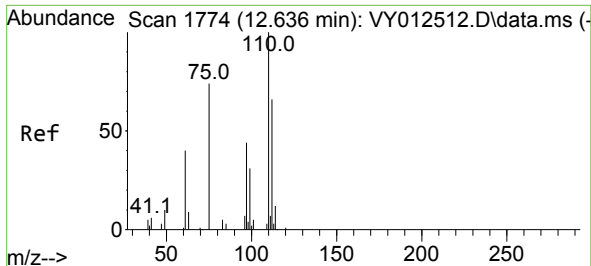
Tgt Ion:117	Resp:	10335
Ion	Ratio	Lower Upper
117	100	
82	49.3	41.7 62.5
119	31.2	25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

Tgt Ion:152	Resp:	4111
Ion	Ratio	Lower Upper
152	100	
115	54.0	28.1 84.3
150	154.2	0.0 351.0

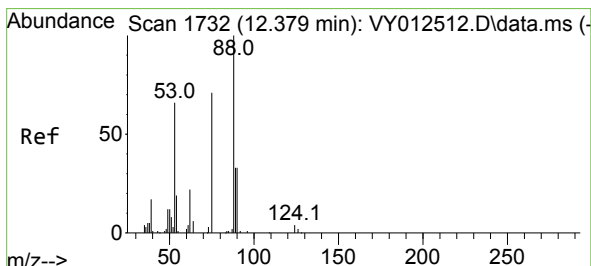
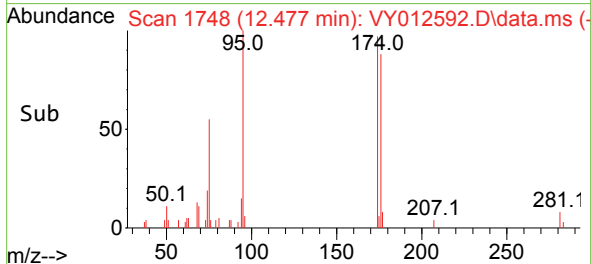
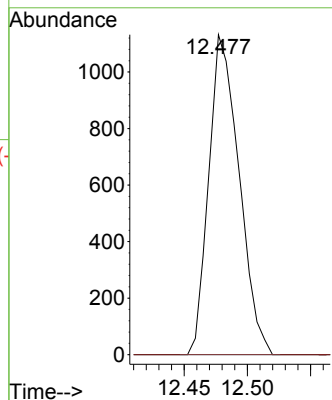
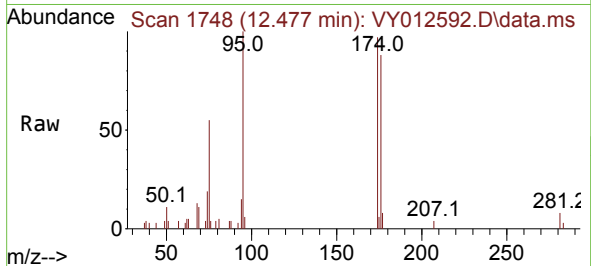




#76
1,2,3-Trichloropropane
Concen: 41.019 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

Tgt Ion: 75 Resp: 1884
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 92.501 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY012592.D
Acq: 14 Feb 2023 16:58

Tgt Ion: 75 Resp: 1884
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.0 39.9 59.9#

