

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012996.D
 Acq On : 17 Mar 2023 18:56
 Operator : KP/MD
 Sample : 01998-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 05:49:17 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)

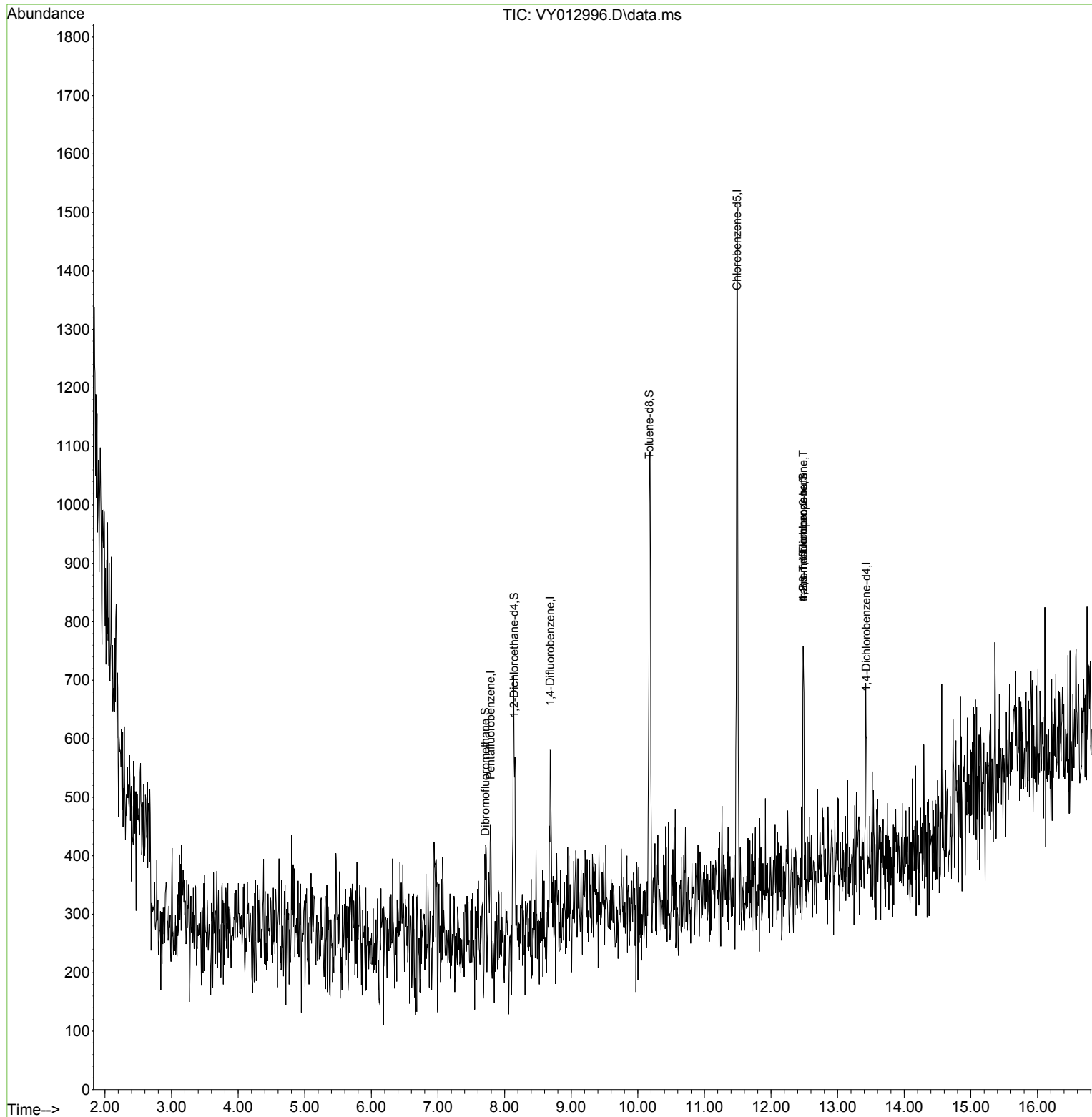
Internal Standards						
1) Pentafluorobenzene	7.789	168	223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	671	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	410	185.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	370.360%#
35) Dibromofluoromethane	7.709	113	115	40.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.440%
50) Toluene-d8	10.172	98	775	75.058	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	150.120%#
62) 4-Bromofluorobenzene	12.483	95	100	28.694	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.380%
Target Compounds						
					Qvalue	
76) 1,2,3-Trichloropropane	12.483	75	103	92.745	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	103	192.171	ug/l #	13

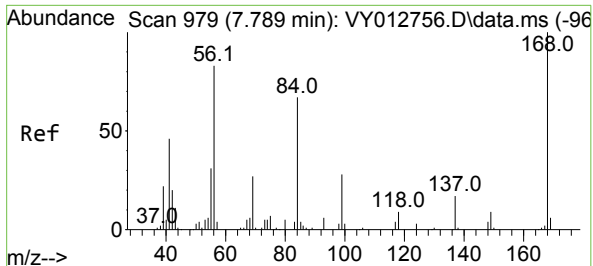
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
Data File : VY012996.D
Acq On : 17 Mar 2023 18:56
Operator : KP/MD
Sample : 01998-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

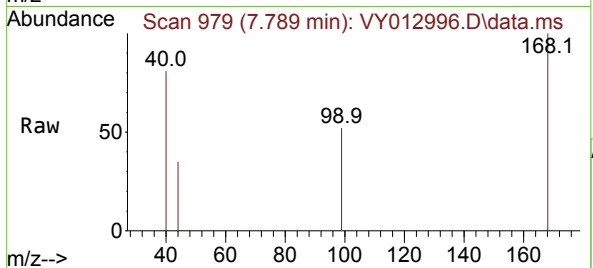
Quant Time: Mar 18 05:49:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



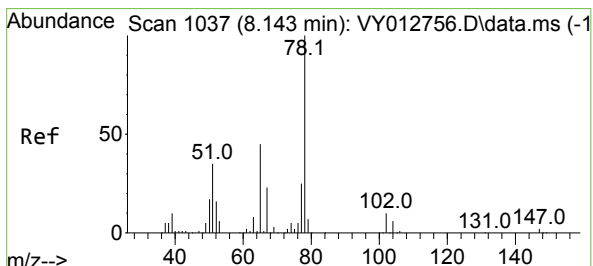
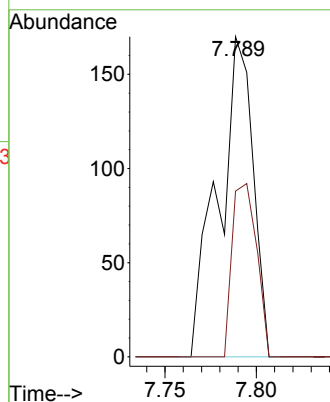
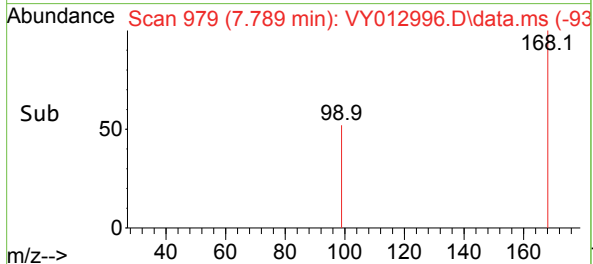


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012996.D
Acq: 17 Mar 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

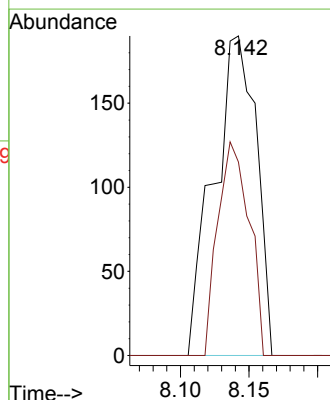
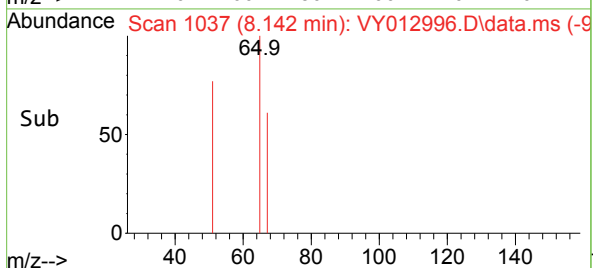
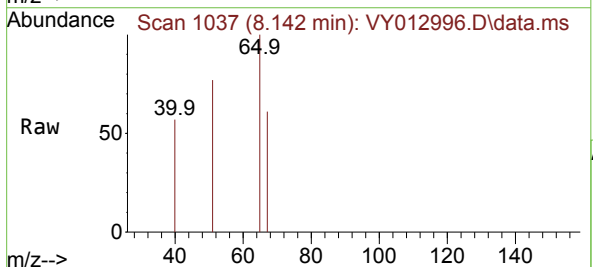


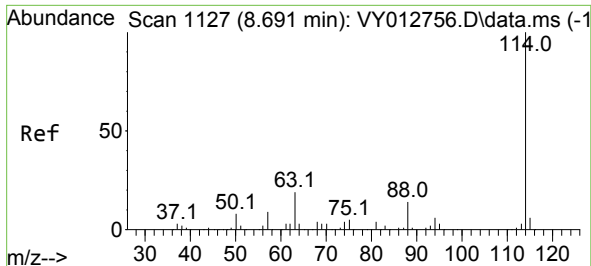
Tgt Ion:168 Resp: 223
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 185.177 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012996.D
Acq: 17 Mar 2023 18:56

Tgt Ion: 65 Resp: 410
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY012996.D

Acq: 17 Mar 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

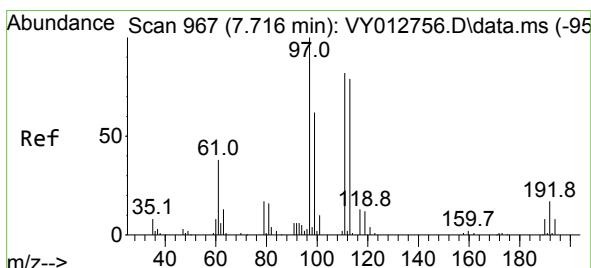
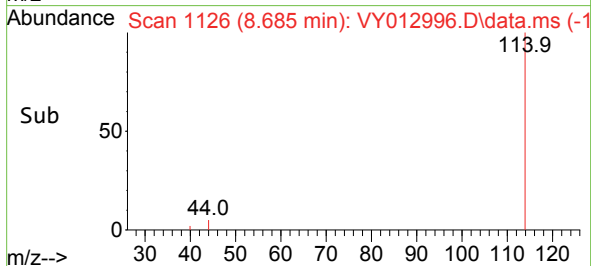
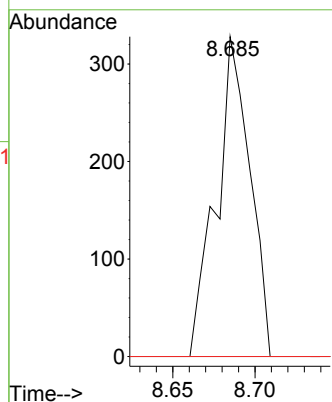
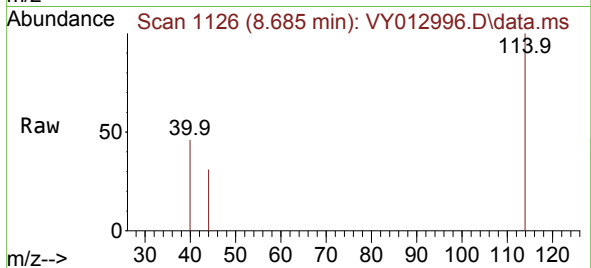
Tgt Ion:114 Resp: 468

Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.4

88 0.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 40.717 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012996.D

Acq: 17 Mar 2023 18:56

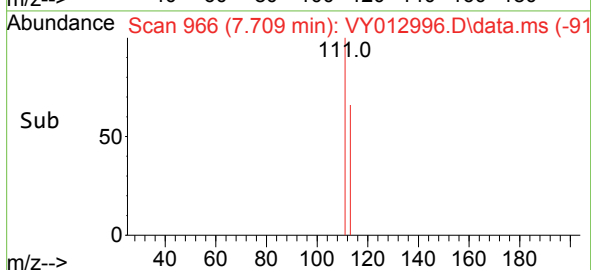
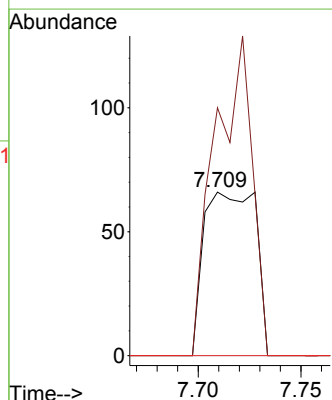
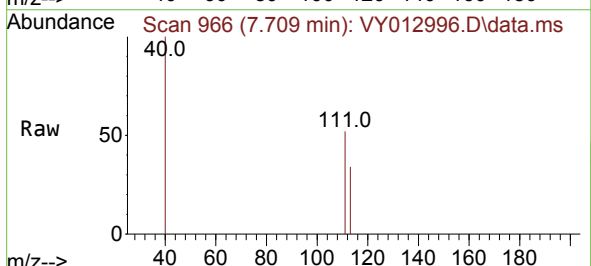
Tgt Ion:113 Resp: 115

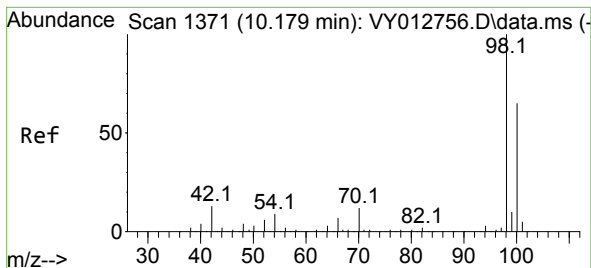
Ion Ratio Lower Upper

113 100

111 141.7 82.2 123.2#

192 0.0 16.8 25.2#

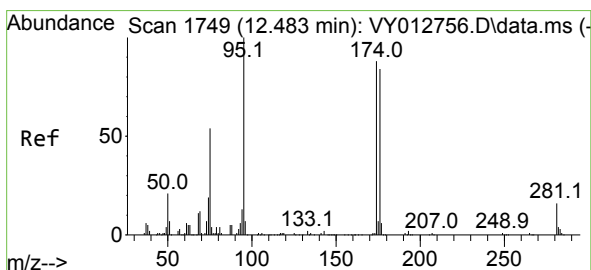
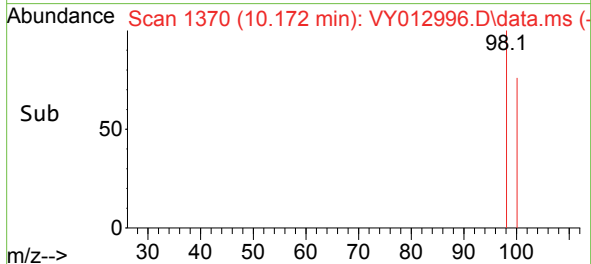
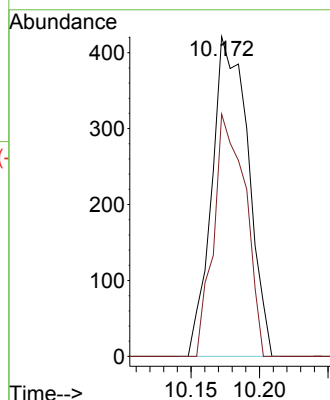
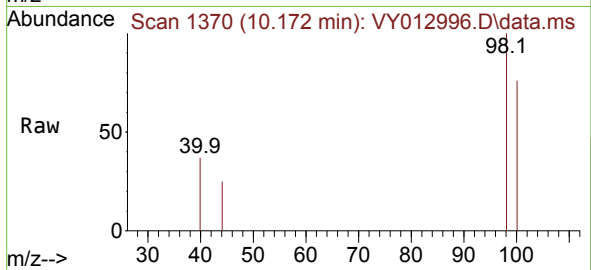




#50
Toluene-d8
Concen: 75.058 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012996.D
Acq: 17 Mar 2023 18:56

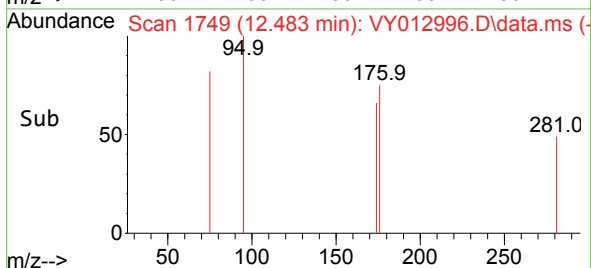
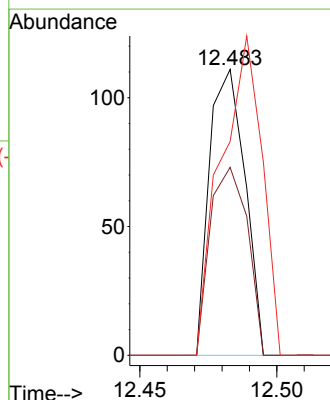
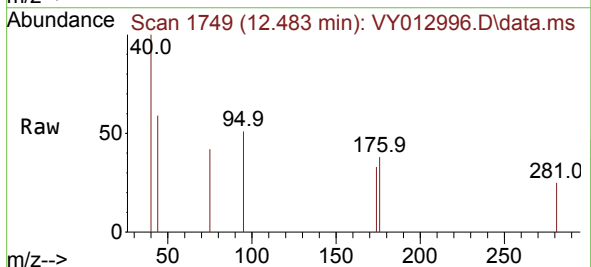
Instrument :
MSVOA_Y
ClientSampleId :

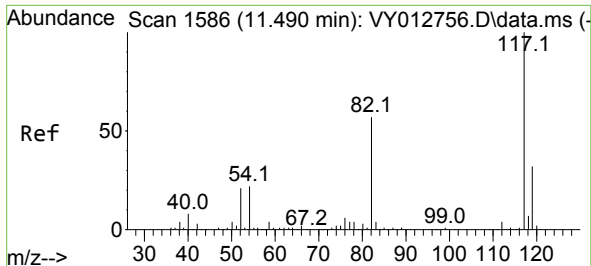
Tgt Ion: 98 Resp: 775
Ion Ratio Lower Upper
98 100
100 65.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 28.694 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012996.D
Acq: 17 Mar 2023 18:56

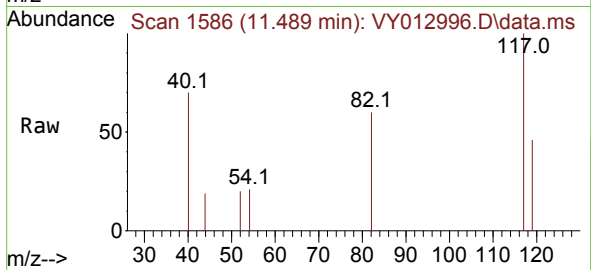
Tgt Ion: 95 Resp: 100
Ion Ratio Lower Upper
95 100
174 69.0 0.0 176.6
176 129.0 0.0 170.2



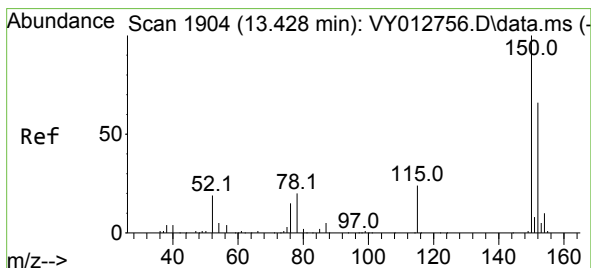
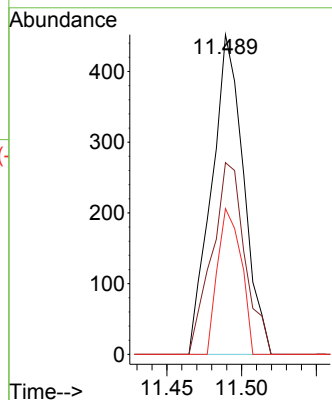
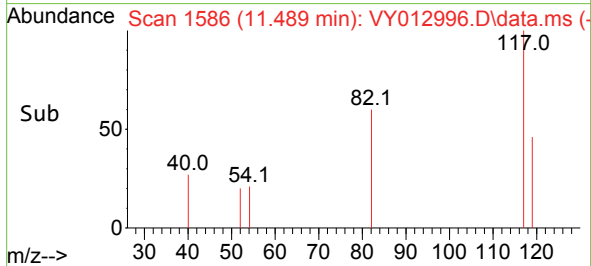


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012996.D
Acq: 17 Mar 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

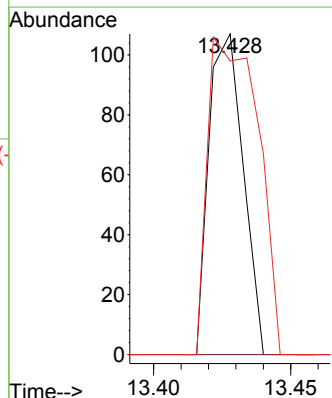
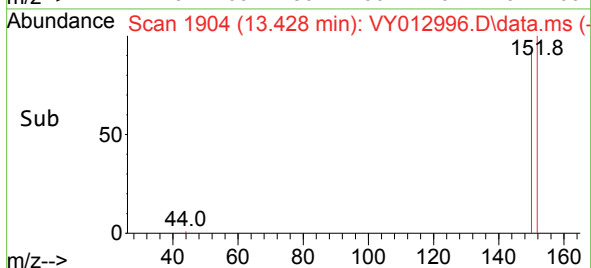
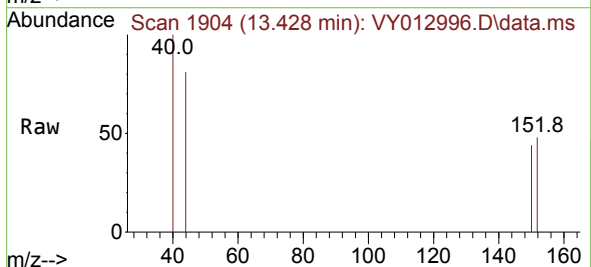


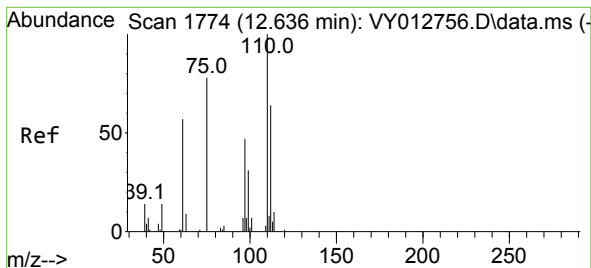
Tgt Ion:117 Resp: 671
Ion Ratio Lower Upper
117 100
82 60.0 45.4 68.0
119 45.6 25.6 38.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012996.D
Acq: 17 Mar 2023 18:56

Tgt Ion:152 Resp: 93
Ion Ratio Lower Upper
152 100
115 0.0 27.1 81.3#
150 145.2 0.0 347.8

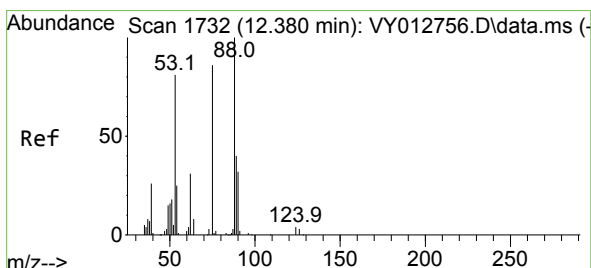
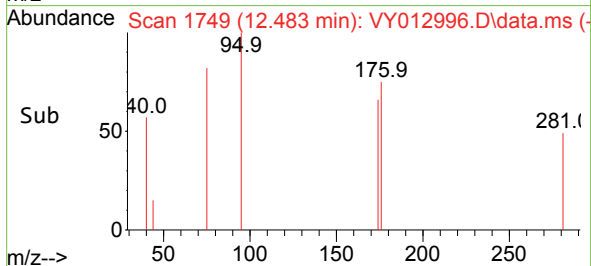
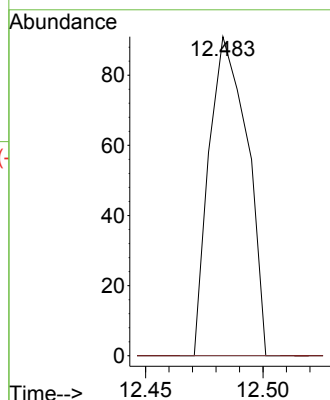
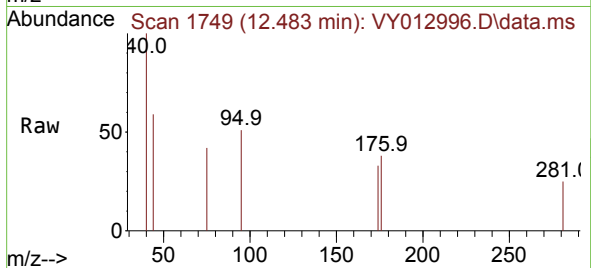




#76
1,2,3-Trichloropropane
Concen: 92.745 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012996.D
Acq: 17 Mar 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 103
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 192.171 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012996.D
Acq: 17 Mar 2023 18:56

Tgt Ion: 75 Resp: 103
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

