

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012995.D
 Acq On : 17 Mar 2023 18:32
 Operator : KP/MD
 Sample : 01998-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 05:49:00 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)

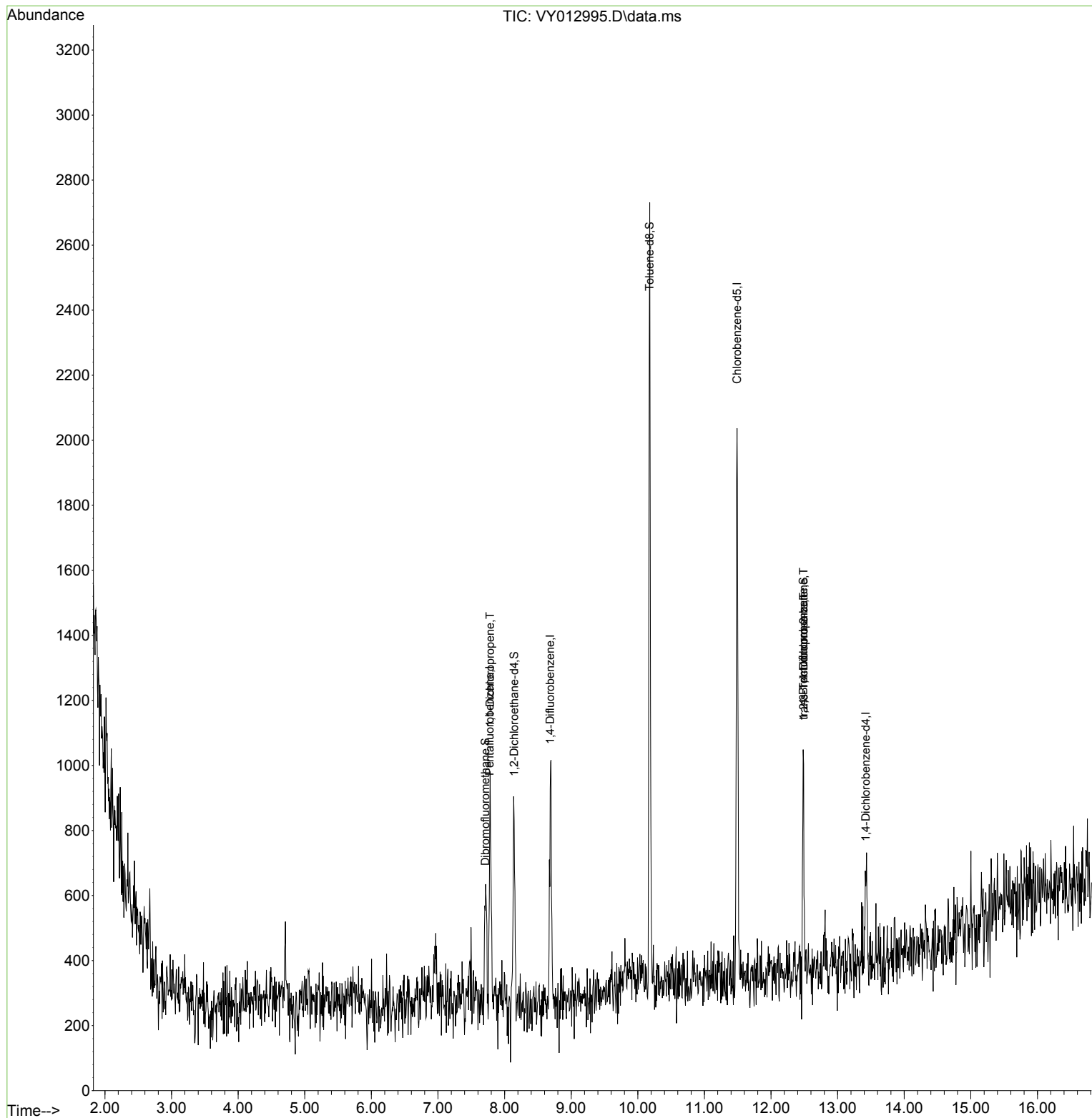
Internal Standards						
1) Pentafluorobenzene	7.777	168	725	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.685	114	1011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1148	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	226	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	565	78.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.980%
35) Dibromofluoromethane	7.709	113	346	56.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.420%
50) Toluene-d8	10.179	98	1620	72.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	145.260%#
62) 4-Bromofluorobenzene	12.483	95	271	35.996	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.000%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	22	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	45	4.401	ug/l #	41
76) 1,2,3-Trichloropropane	12.489	75	21	7.781	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	21	16.123	ug/l #	13

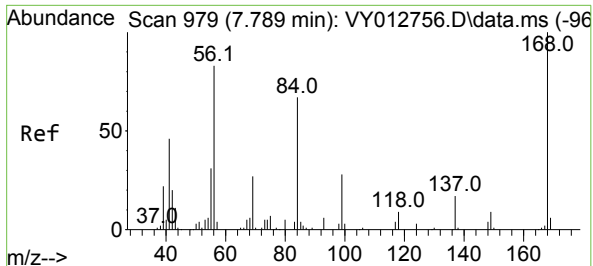
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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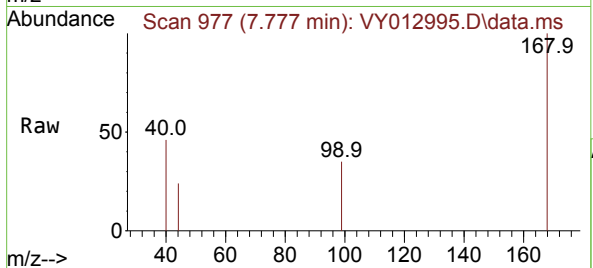
Quant Time: Mar 18 05:49:00 2023
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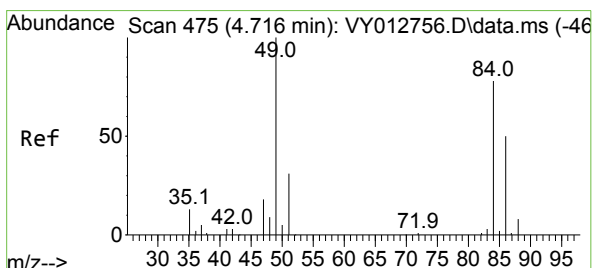
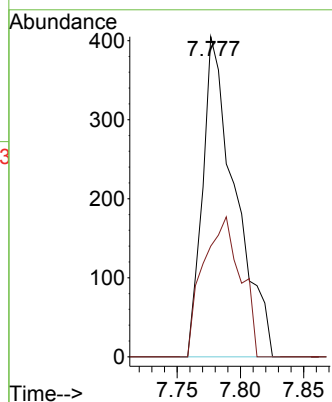
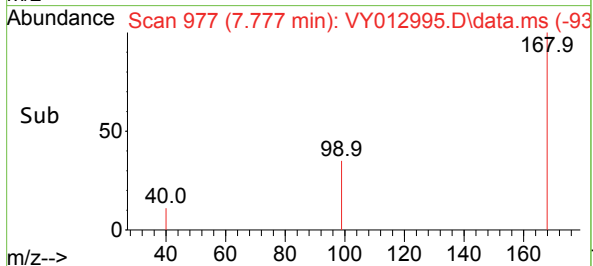


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012995.D
Acq: 17 Mar 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :

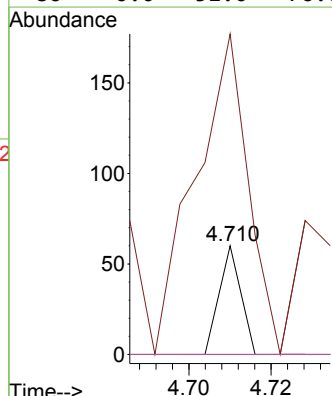
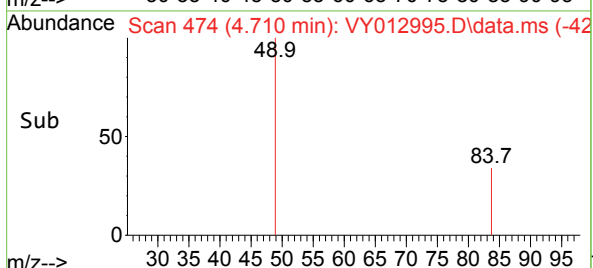
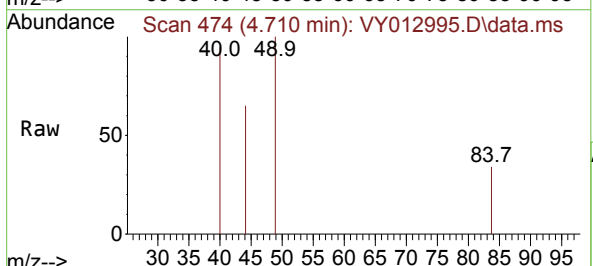


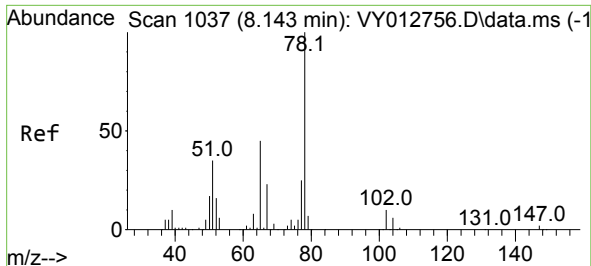
Tgt Ion:168 Resp: 725
Ion Ratio Lower Upper
168 100
99 34.6 41.7 62.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012995.D
Acq: 17 Mar 2023 18:32

Tgt Ion: 84 Resp: 22
Ion Ratio Lower Upper
84 100
49 295.0 102.6 154.0#
51 0.0 31.9 47.9#
86 0.0 51.0 76.6#

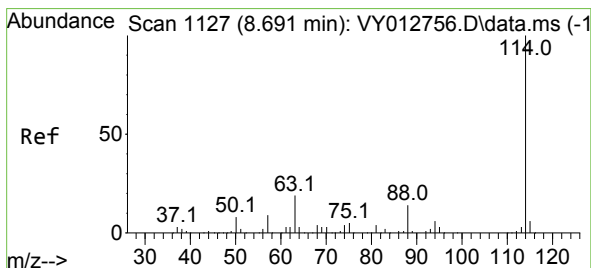
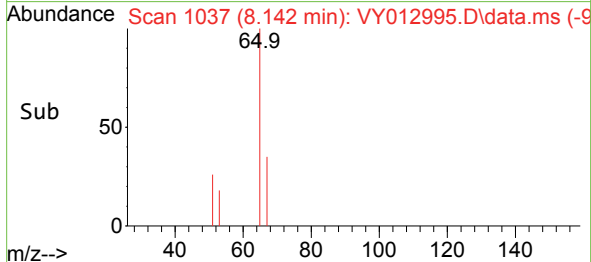
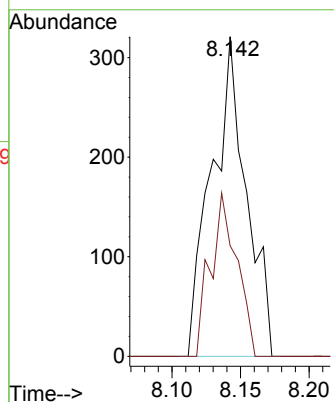
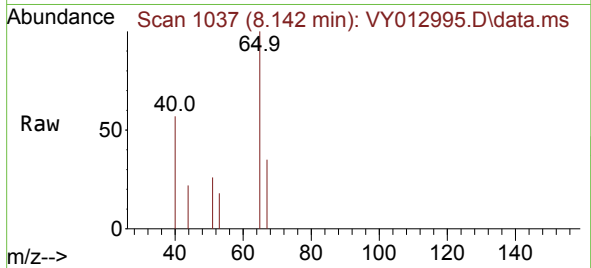




#33
 1,2-Dichloroethane-d4
 Concen: 78.491 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012995.D
 Acq: 17 Mar 2023 18:32

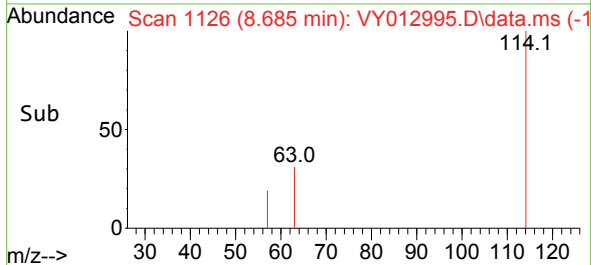
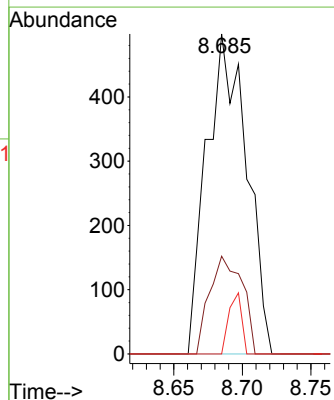
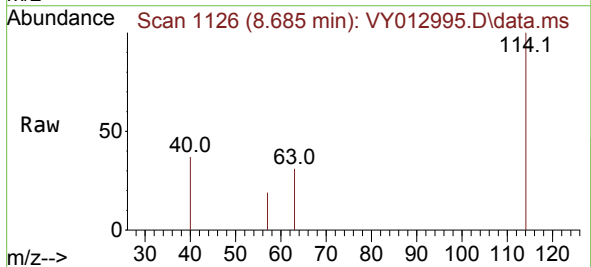
Instrument :
 MSVOA_Y
 ClientSampleId :

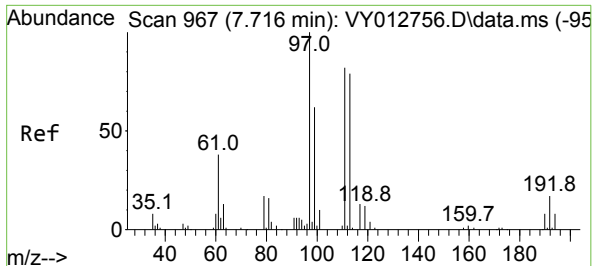
Tgt Ion: 65 Resp: 565
 Ion Ratio Lower Upper
 65 100
 67 38.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012995.D
 Acq: 17 Mar 2023 18:32

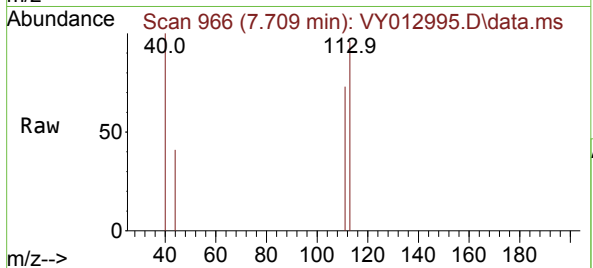
Tgt Ion: 114 Resp: 1011
 Ion Ratio Lower Upper
 114 100
 63 30.5 0.0 37.4
 88 0.0 0.0 28.6



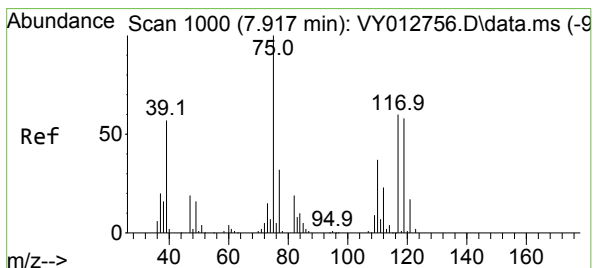
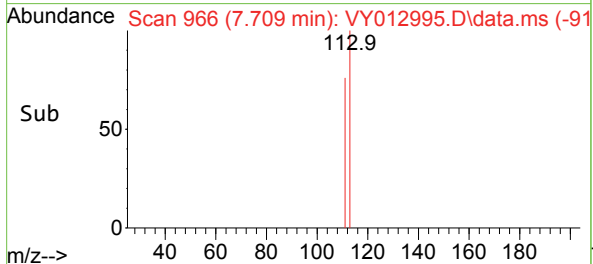
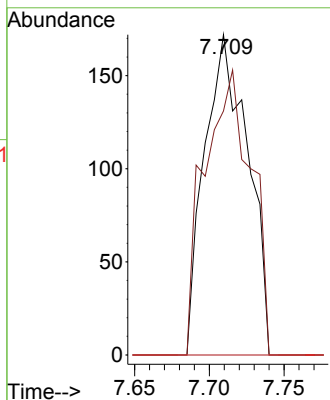


#35
Dibromofluoromethane
Concen: 56.709 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY012995.D
Acq: 17 Mar 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :

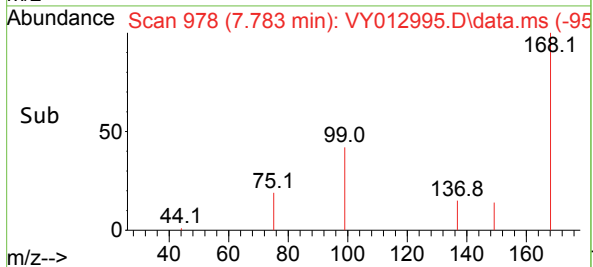
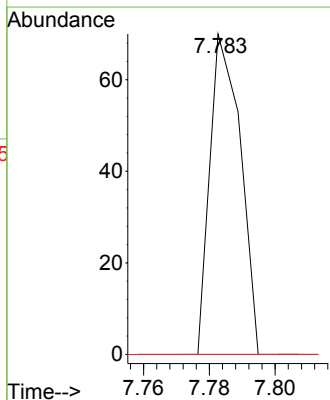
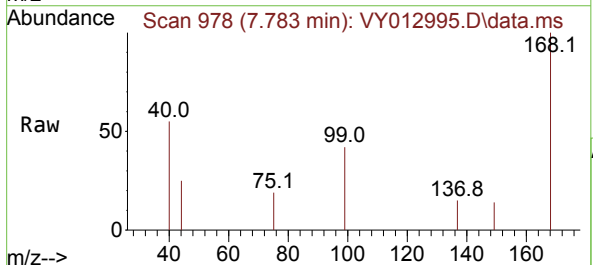


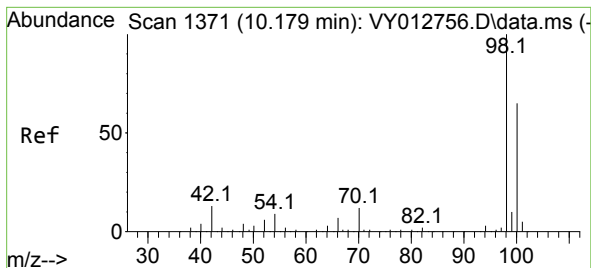
Tgt Ion:113 Resp: 346
Ion Ratio Lower Upper
113 100
111 95.7 82.2 123.2
192 0.0 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 4.401 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012995.D
Acq: 17 Mar 2023 18:32

Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 72.628 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012995.D

Acq: 17 Mar 2023 18:32

Instrument :

MSVOA_Y

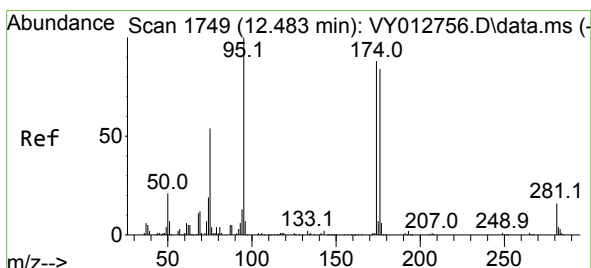
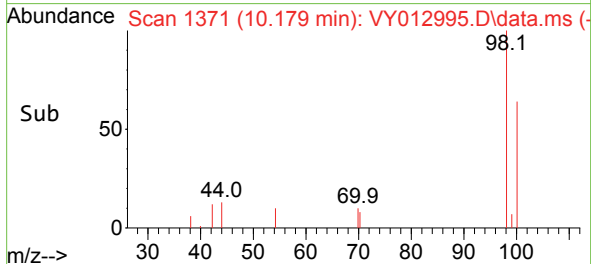
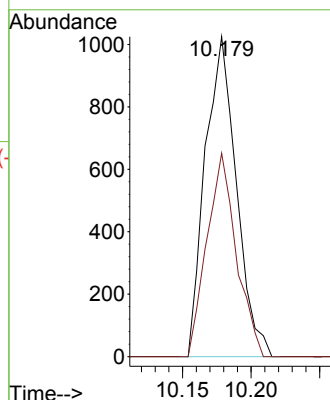
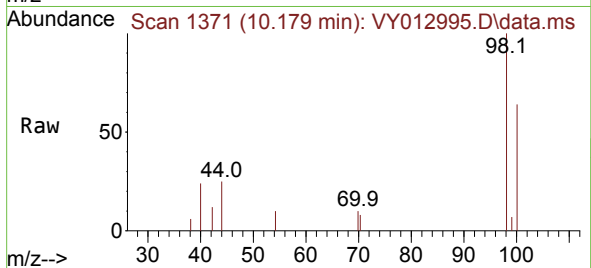
ClientSampleId :

Tgt Ion: 98 Resp: 1620

Ion Ratio Lower Upper

98 100

100 59.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 35.996 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012995.D

Acq: 17 Mar 2023 18:32

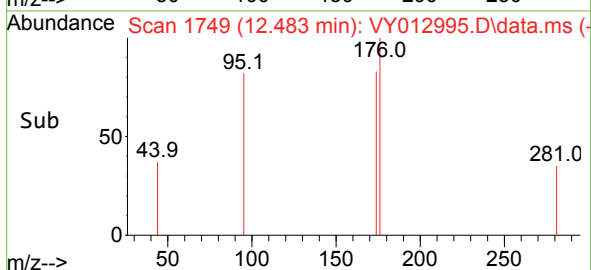
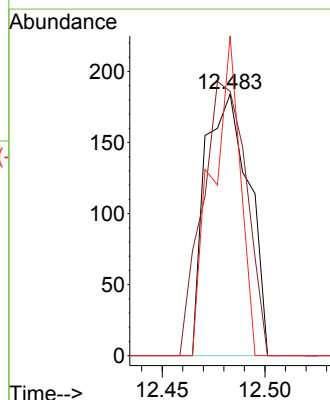
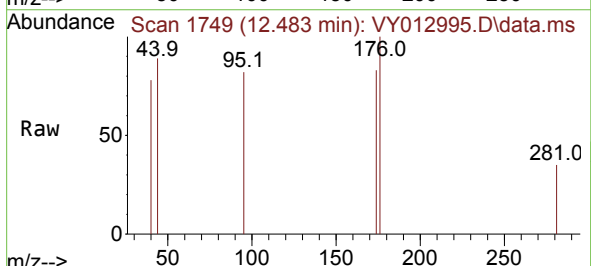
Tgt Ion: 95 Resp: 271

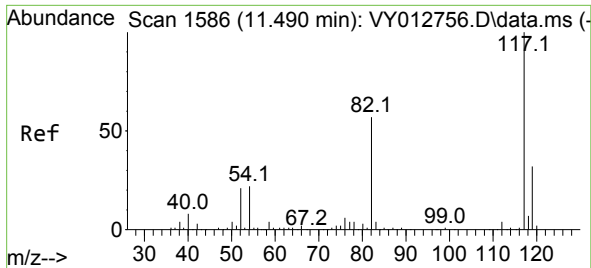
Ion Ratio Lower Upper

95 100

174 105.5 0.0 176.6

176 79.0 0.0 170.2

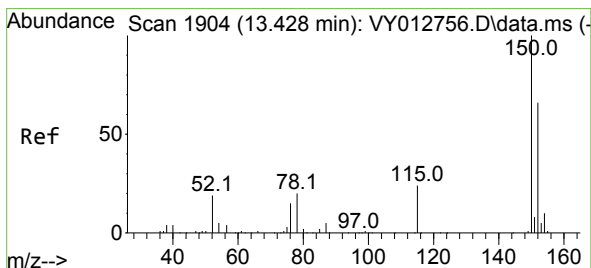
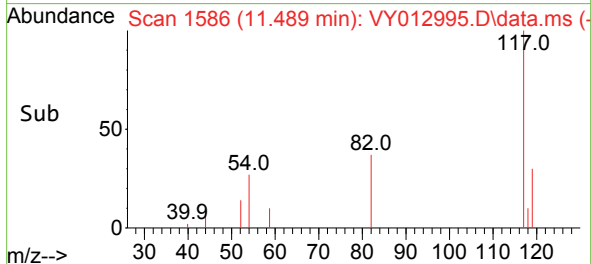
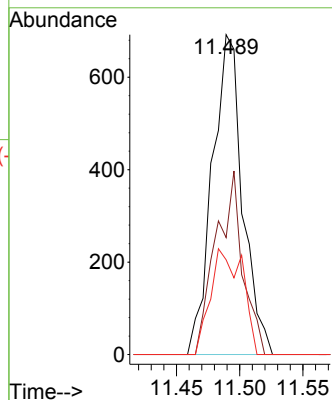
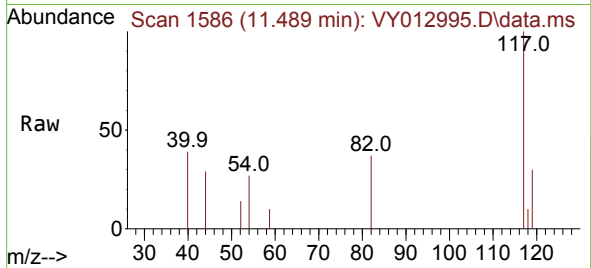




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VY012995.D
Acq: 17 Mar 2023 18:32

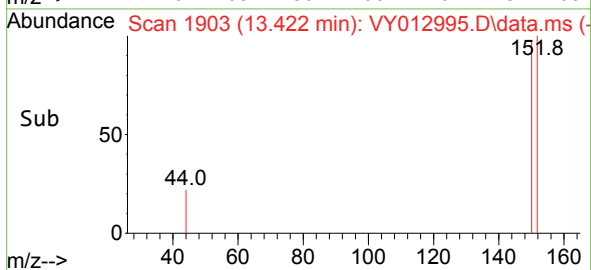
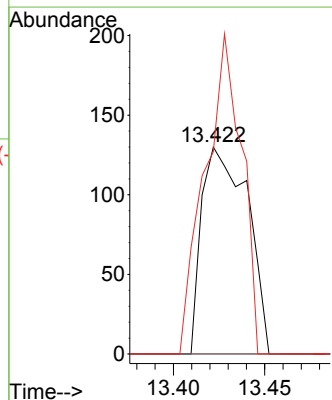
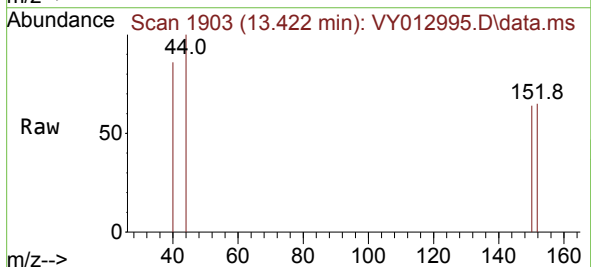
Instrument :
MSVOA_Y
ClientSampleId :

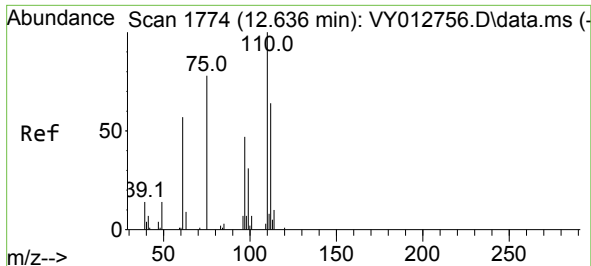
Tgt Ion:117 Resp: 1148
Ion Ratio Lower Upper
117 100
82 36.6 45.4 68.0#
119 29.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012995.D
Acq: 17 Mar 2023 18:32

Tgt Ion:152 Resp: 226
Ion Ratio Lower Upper
152 100
115 0.0 27.1 81.3#
150 124.8 0.0 347.8

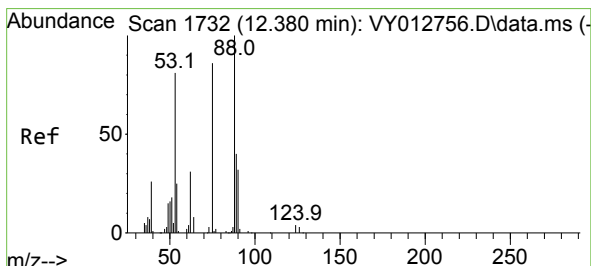
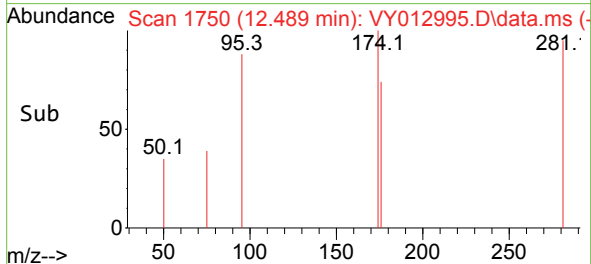
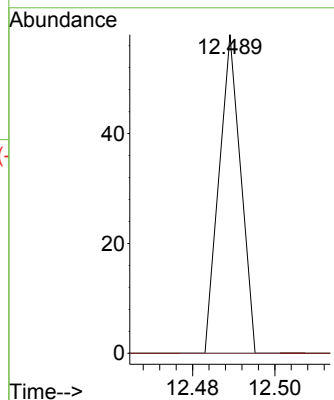
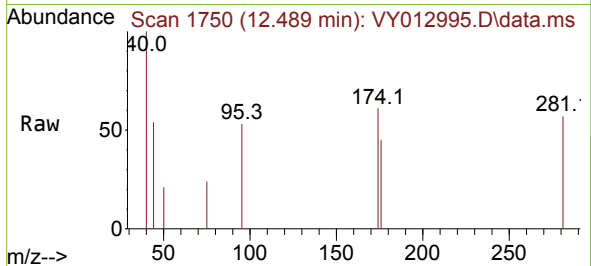




#76
1,2,3-Trichloropropane
Concen: 7.781 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY012995.D
Acq: 17 Mar 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 21
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 16.123 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY012995.D
Acq: 17 Mar 2023 18:32

Tgt Ion: 75 Resp: 21
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

