

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012596.D
 Acq On : 14 Feb 2023 18:32
 Operator : KP/MD
 Sample : 01552-06
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-4.0-6.0

Quant Time: Feb 15 01:33:05 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)

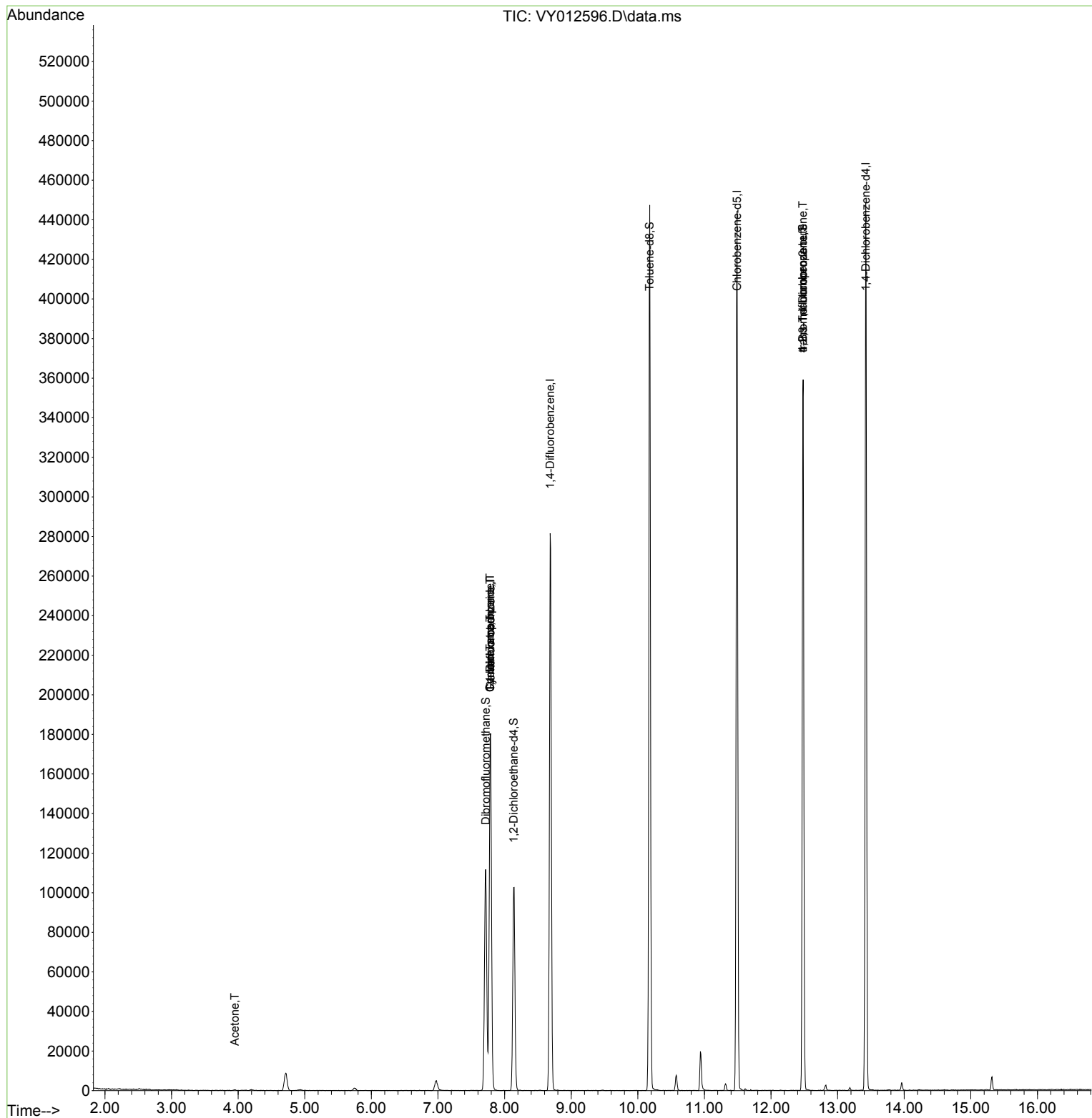
Internal Standards						
1) Pentafluorobenzene	7.789	168	149993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	256040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89029	46.677	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.360%		
35) Dibromofluoromethane	7.716	113	75375	40.923	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.840%		
50) Toluene-d8	10.179	98	298567	38.945	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.880%		
62) 4-Bromofluorobenzene	12.477	95	101703	38.033	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	76.060%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	20	Below Cal	#	3
11) Tert butyl alcohol	4.936	59	363	Below Cal	#	75
16) Acetone	3.948	43	600	1.307	ug/l	92
31) Cyclohexane	7.783	56	2410	1.093	ug/l	# 22
36) 1,1-Dichloropropene	7.783	75	9334	3.744	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	14465	4.323	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	53846	39.639	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	53846	89.389	ug/l	# 12

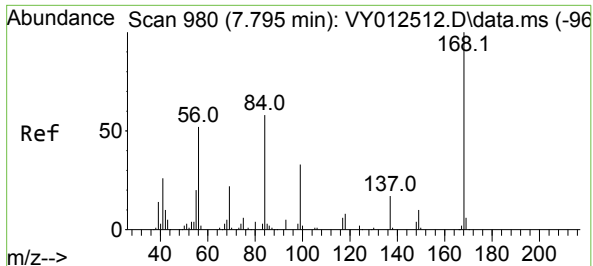
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

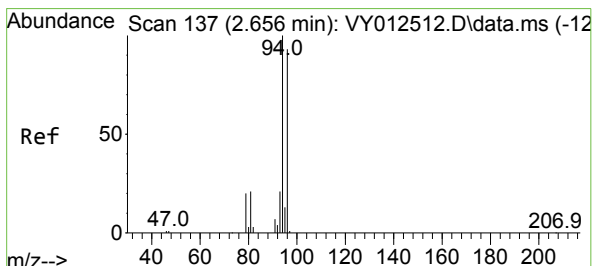
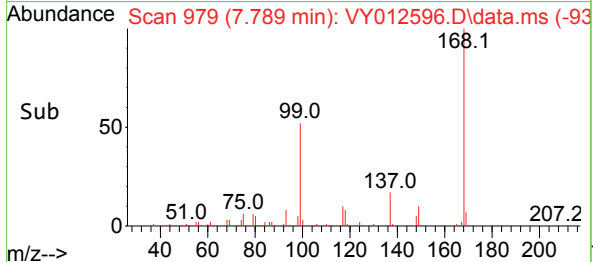
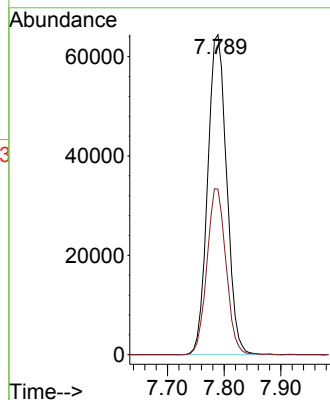
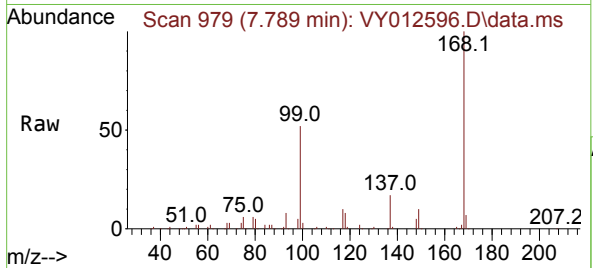




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

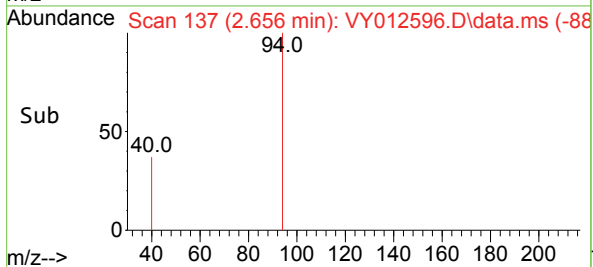
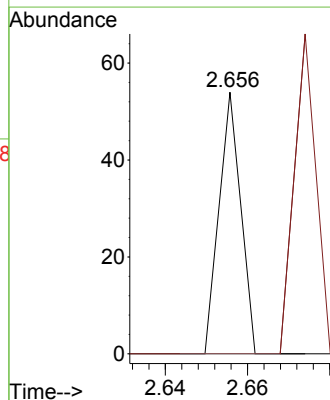
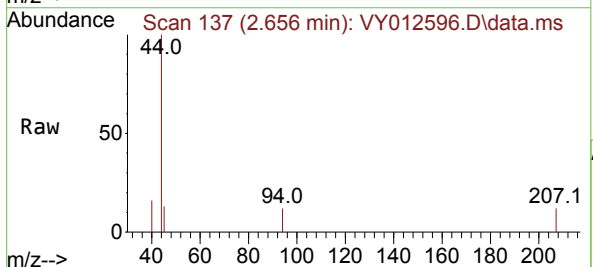
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.0-6.0

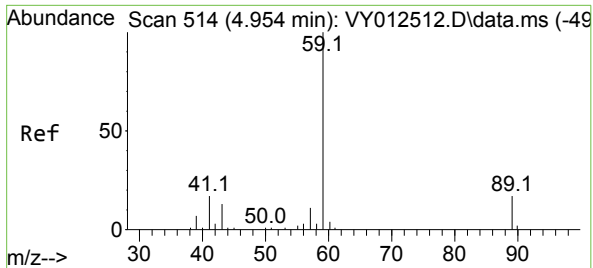
Tgt Ion:168 Resp: 149993
Ion Ratio Lower Upper
168 100
99 51.8 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.7 112.1#

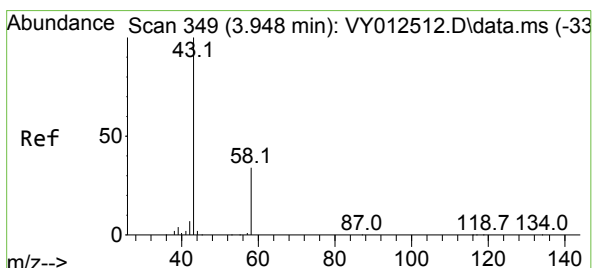
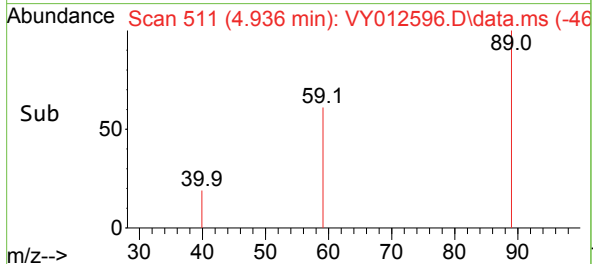
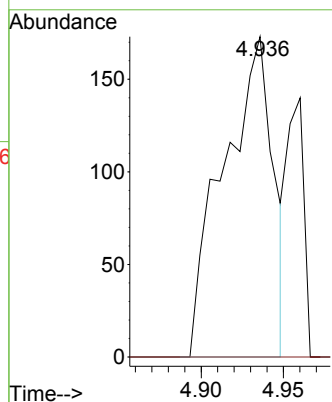
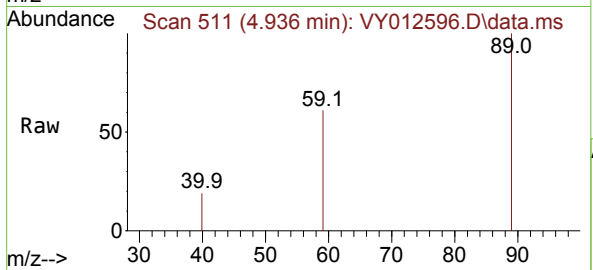




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

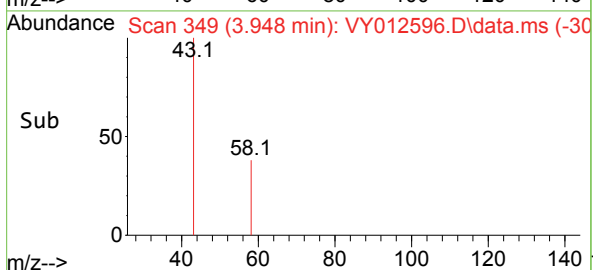
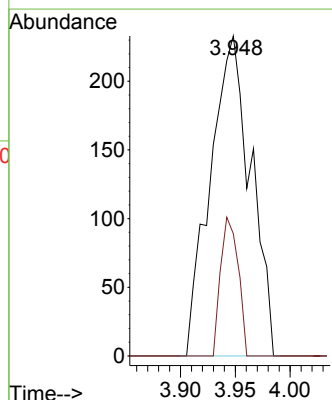
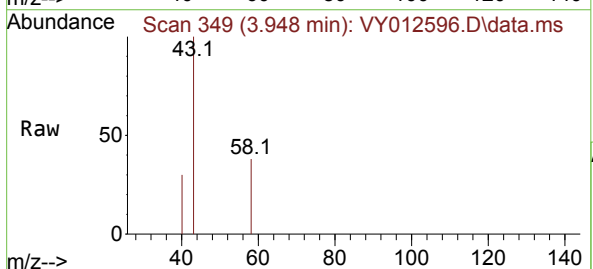
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.0-6.0

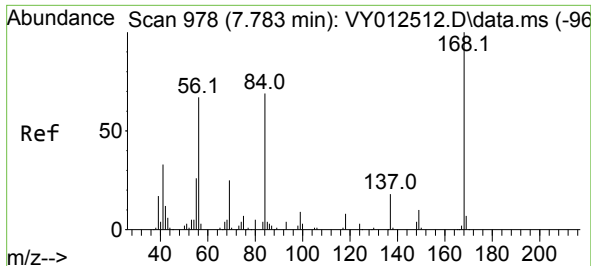
Tgt Ion: 59 Resp: 363
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 1.307 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

Tgt Ion: 43 Resp: 600
Ion Ratio Lower Upper
43 100
58 38.2 27.1 40.7

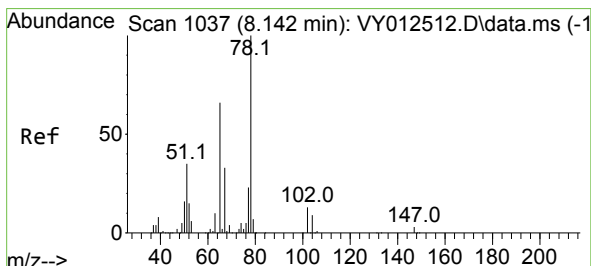
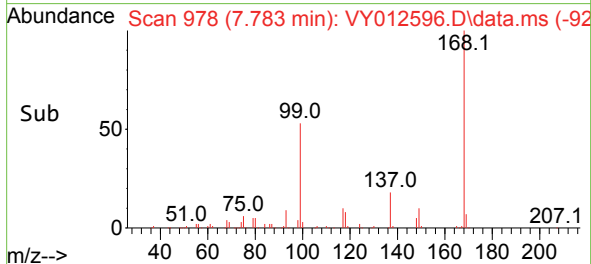
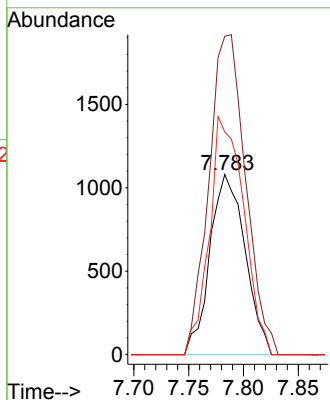
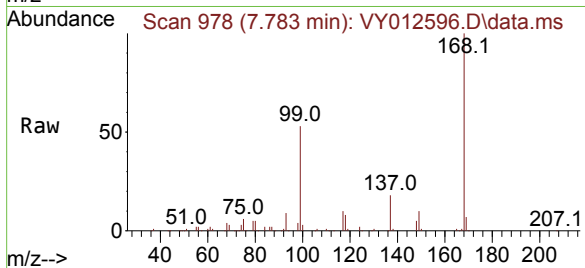




#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

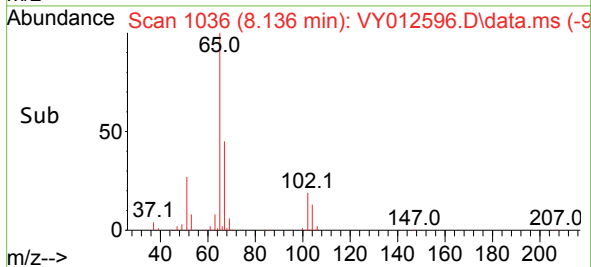
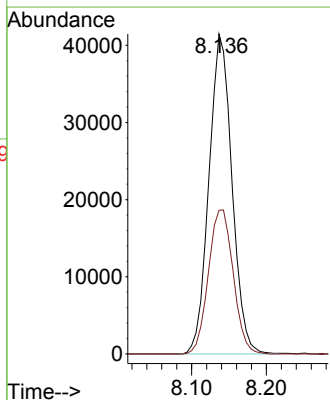
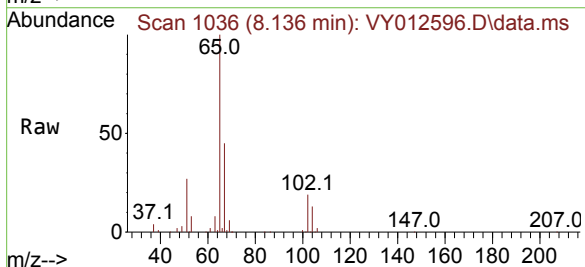
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.0-6.0

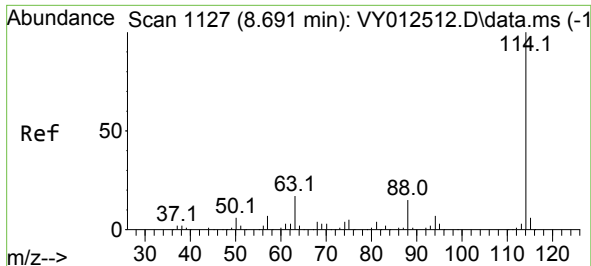
Tgt Ion: 56 Resp: 2410
Ion Ratio Lower Upper
56 100
69 176.7 29.5 44.3#
84 123.6 81.9 122.9#



#33
1,2-Dichloroethane-d4
Concen: 46.677 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

Tgt Ion: 65 Resp: 89029
Ion Ratio Lower Upper
65 100
67 48.4 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: VY012596.D

Acq: 14 Feb 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-4.0-6.0

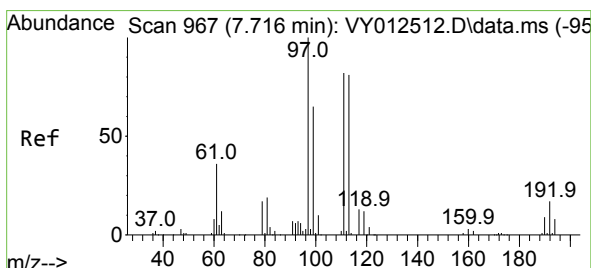
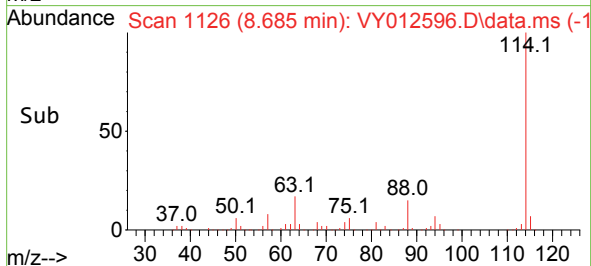
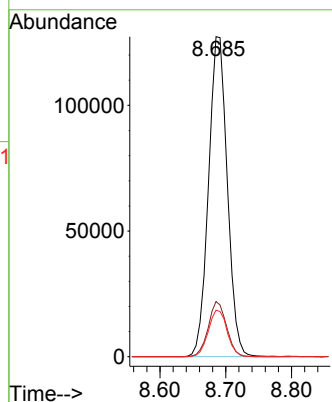
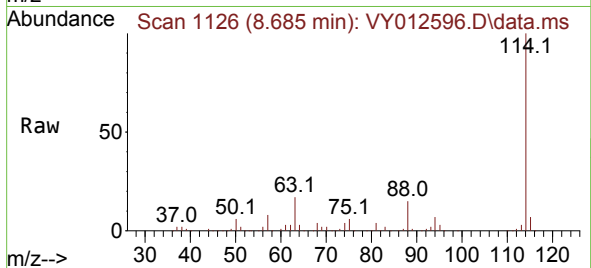
Tgt Ion:114 Resp: 252916

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.6

88 14.5 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.923 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012596.D

Acq: 14 Feb 2023 18:32

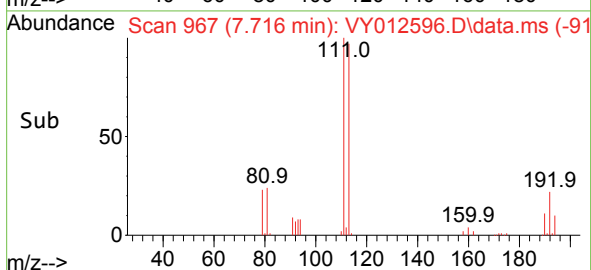
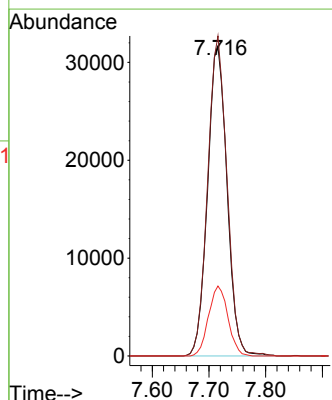
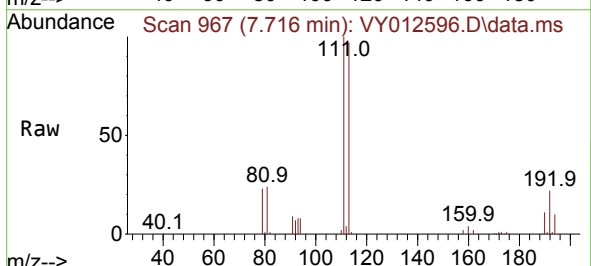
Tgt Ion:113 Resp: 75375

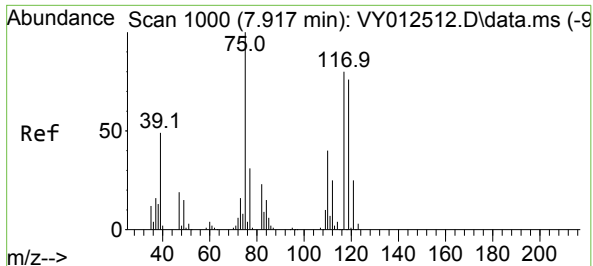
Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 22.5 17.5 26.3





#36

1,1-Dichloropropene

Concen: 3.744 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012596.D

Acq: 14 Feb 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-4.0-6.0

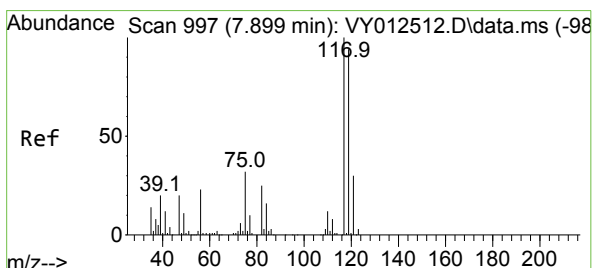
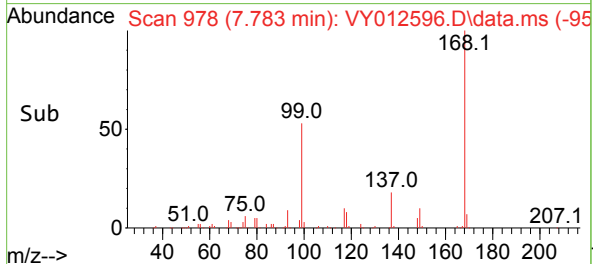
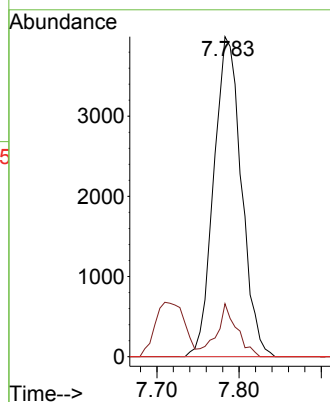
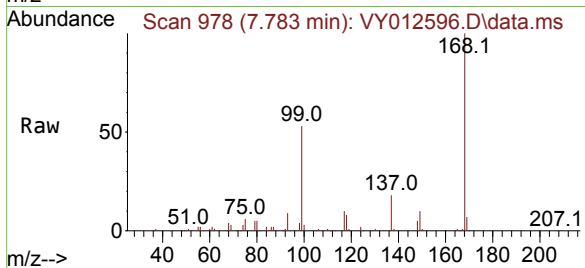
Tgt Ion: 75 Resp: 9334

Ion Ratio Lower Upper

75 100

110 11.9 19.5 58.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.323 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012596.D

Acq: 14 Feb 2023 18:32

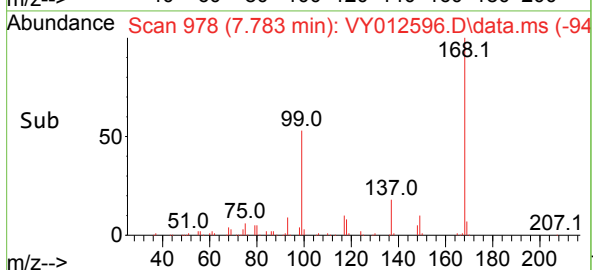
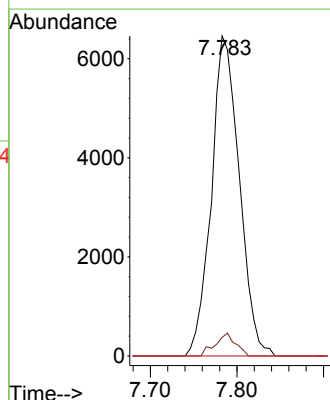
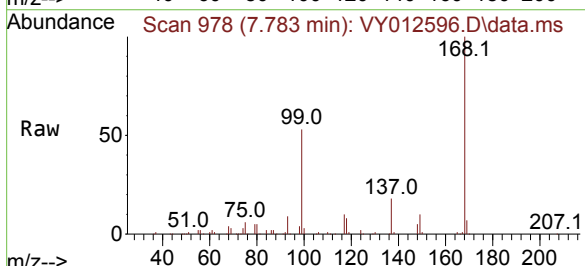
Tgt Ion: 117 Resp: 14465

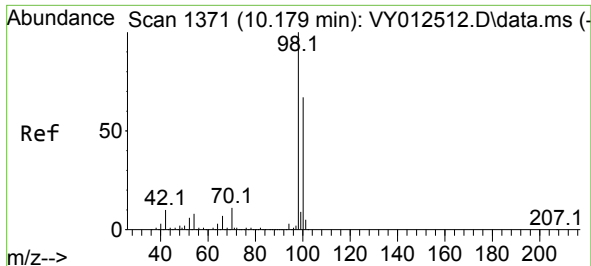
Ion Ratio Lower Upper

117 100

119 5.8 75.1 112.7#

121 0.0 24.3 36.5#

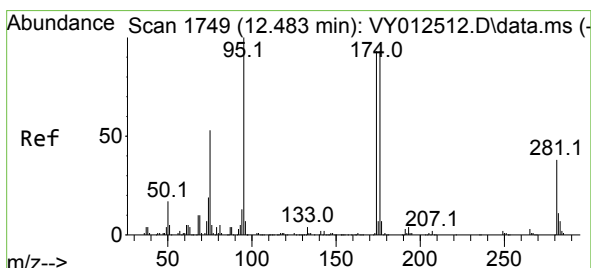
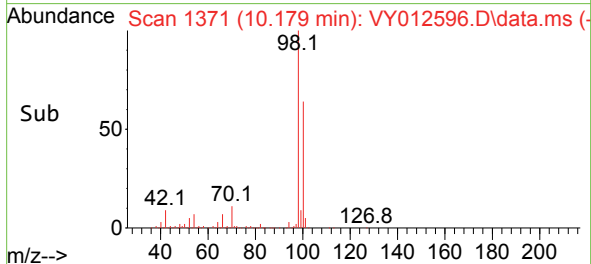
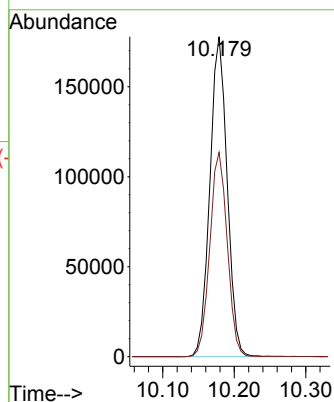
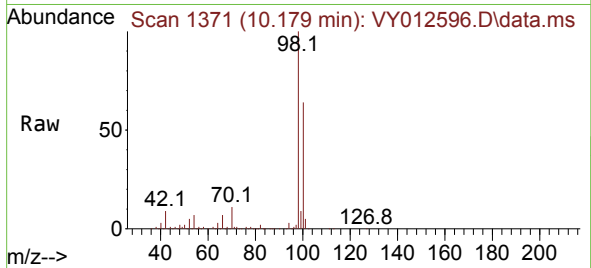




#50
Toluene-d8
Concen: 38.945 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

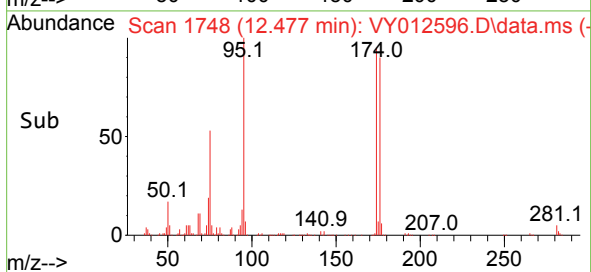
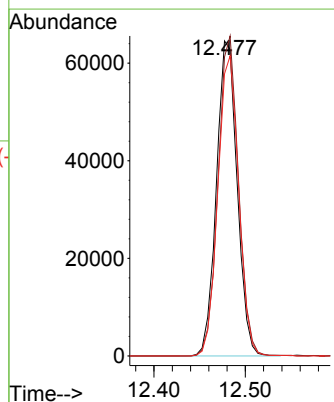
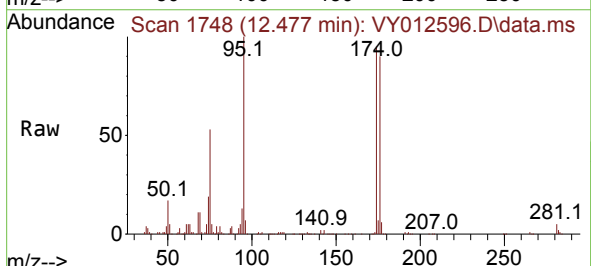
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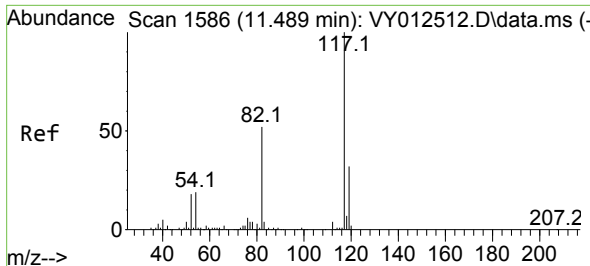
Tgt Ion: 98 Resp: 298567
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 38.033 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

Tgt Ion: 95 Resp: 101703
Ion Ratio Lower Upper
95 100
174 100.2 0.0 188.0
176 95.7 0.0 183.6

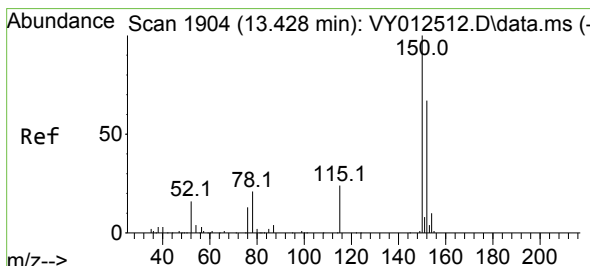
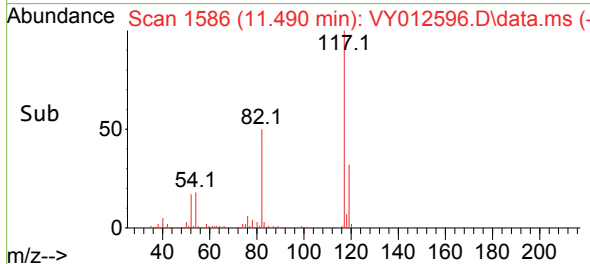
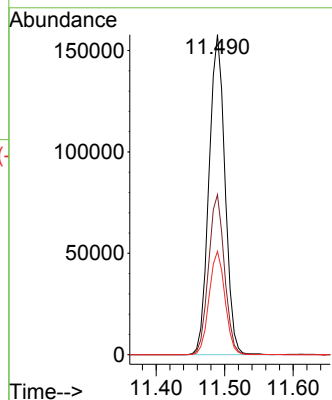
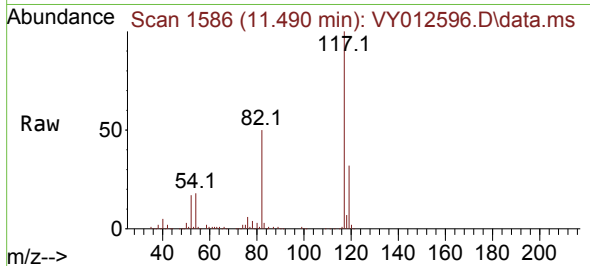




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

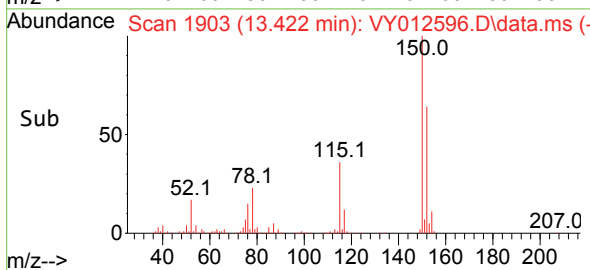
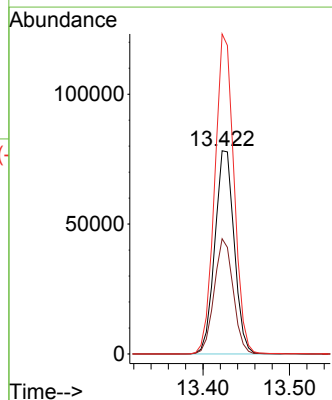
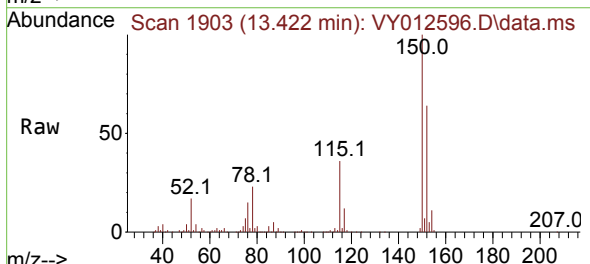
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.0-6.0

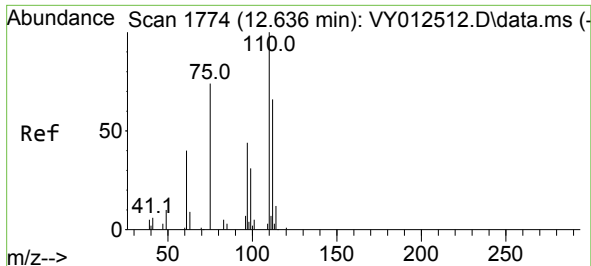
Tgt Ion:117 Resp: 256040
Ion Ratio Lower Upper
117 100
82 50.0 41.7 62.5
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

Tgt Ion:152 Resp: 121586
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.3
150 156.3 0.0 351.0

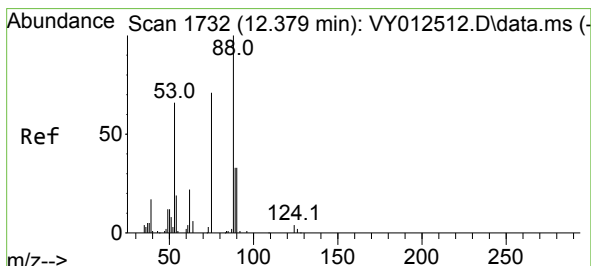
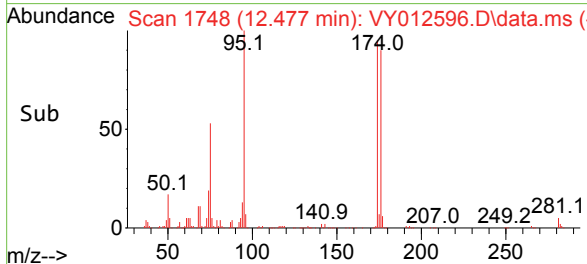
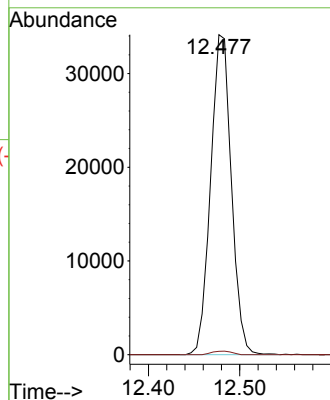
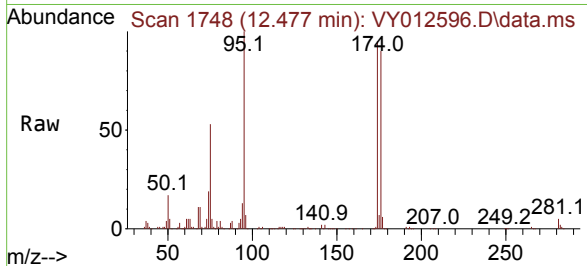




#76
1,2,3-Trichloropropane
Concen: 39.639 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.0-6.0

Tgt Ion: 75 Resp: 53846
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.389 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

Tgt Ion: 75 Resp: 53846
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.1 39.9 59.9#

