

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012891.D
 Acq On : 09 Mar 2023 12:08
 Operator : KP/MD
 Sample : 01848-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-03082023

Quant Time: Mar 10 00:28:36 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)

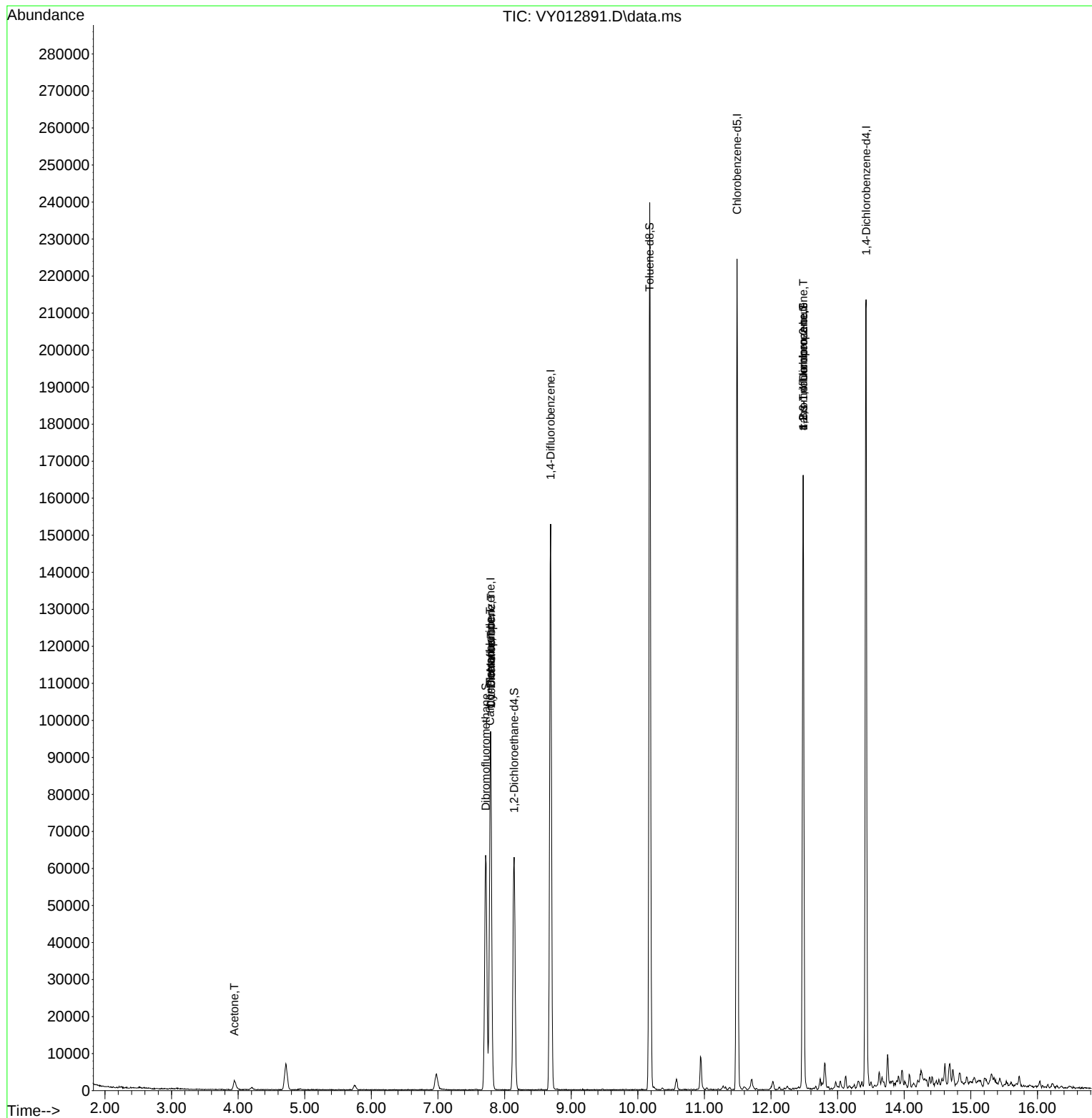
Internal Standards						
1) Pentafluorobenzene	7.789	168	74904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	127435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50394	67.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.520%
35) Dibromofluoromethane	7.716	113	43952	57.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.300%
50) Toluene-d8	10.179	98	153466	54.584	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.160%
62) 4-Bromofluorobenzene	12.483	95	47132	49.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	236	Below Cal	#	74
16) Acetone	3.942	43	4356	14.923	ug/l	98
31) Cyclohexane	7.795	56	1637	1.149	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	5780	4.485	ug/l #	49
38) Carbon Tetrachloride	7.783	117	7370	5.538	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	24644	37.775	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	24644	78.272	ug/l #	13

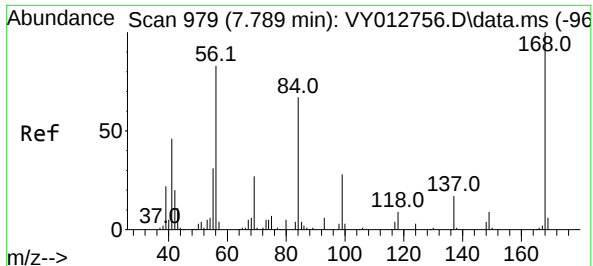
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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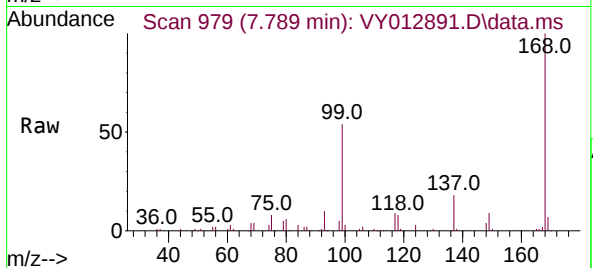
Quant Time: Mar 10 00:28:36 2023
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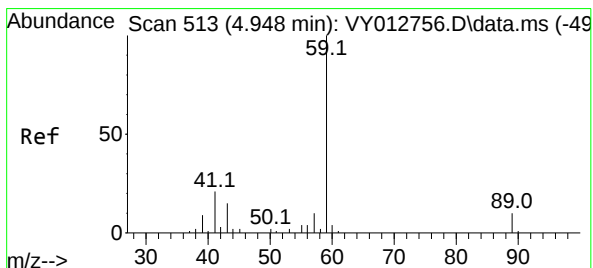
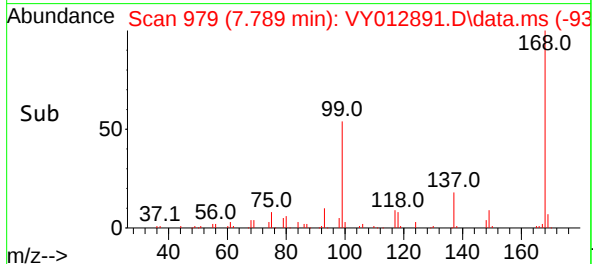
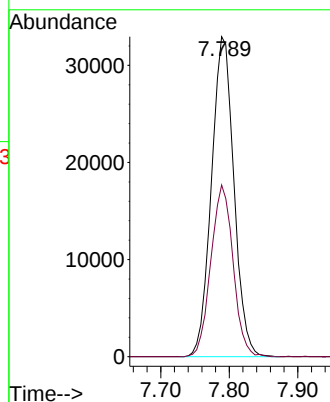


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012891.D
Acq: 09 Mar 2023 12:08

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-03082023

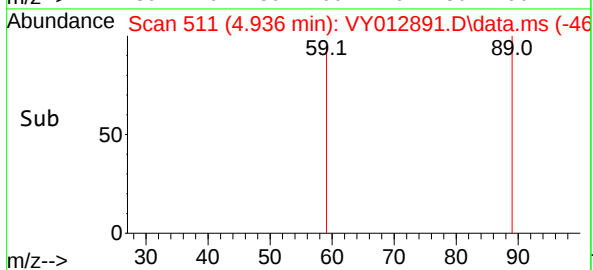
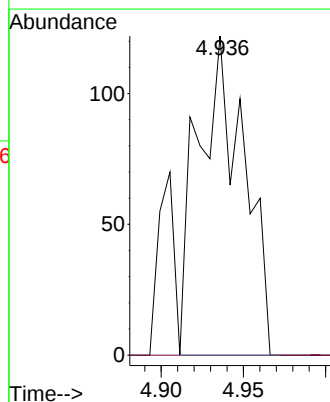
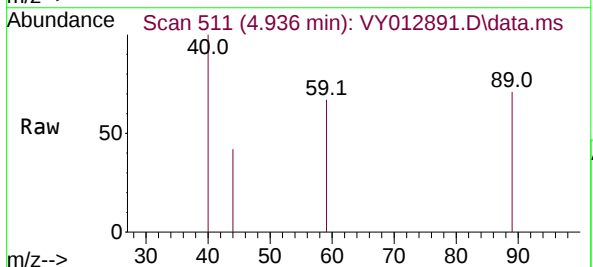


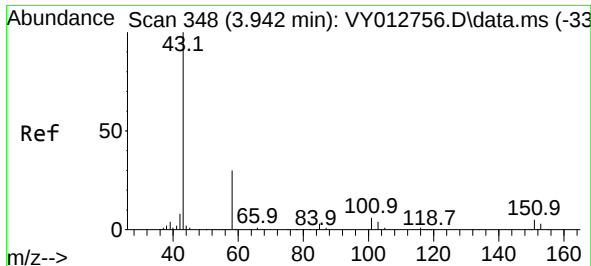
Tgt Ion:168 Resp: 74904
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012891.D
Acq: 09 Mar 2023 12:08

Tgt Ion: 59 Resp: 236
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

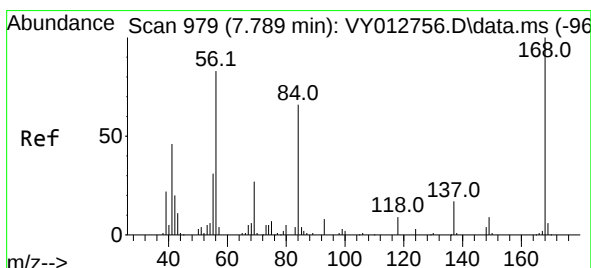
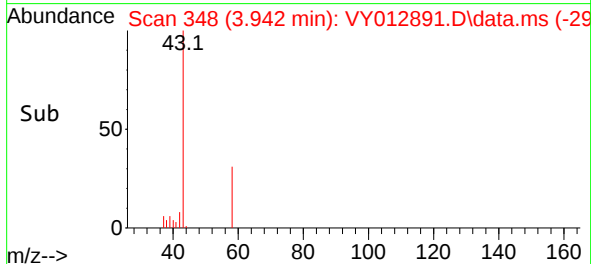
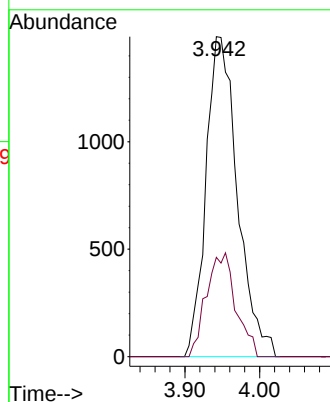
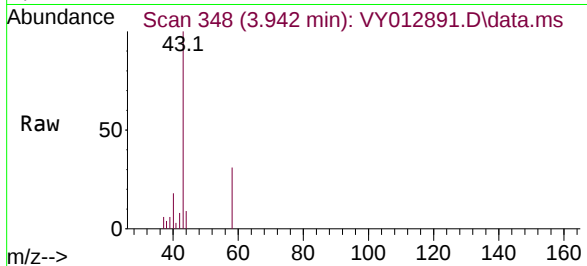




#16
Acetone
Concen: 14.923 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY012891.D
Acq: 09 Mar 2023 12:08

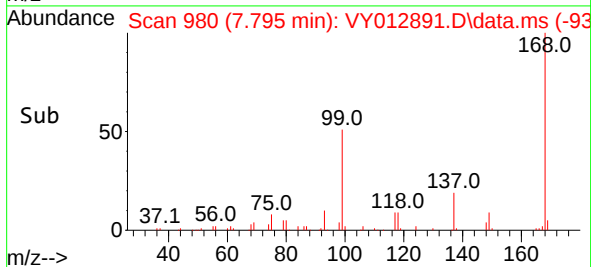
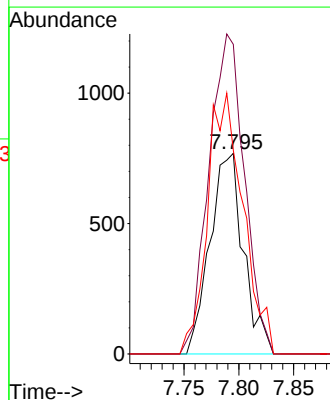
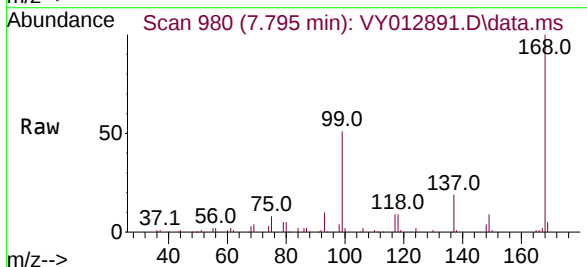
Instrument :
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ClientSampleId :
OR-02-03082023

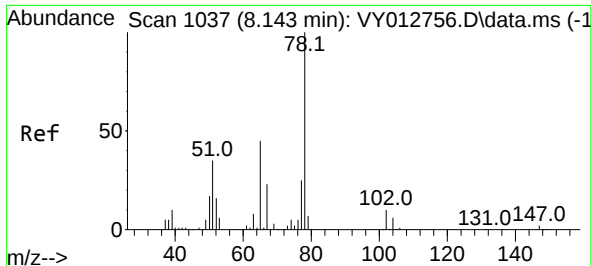
Tgt Ion: 43 Resp: 4356
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.2



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY012891.D
Acq: 09 Mar 2023 12:08

Tgt Ion: 56 Resp: 1637
Ion Ratio Lower Upper
56 100
69 154.4 25.7 38.5#
84 101.6 64.3 96.5#

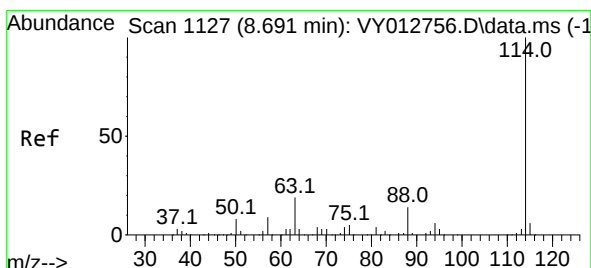
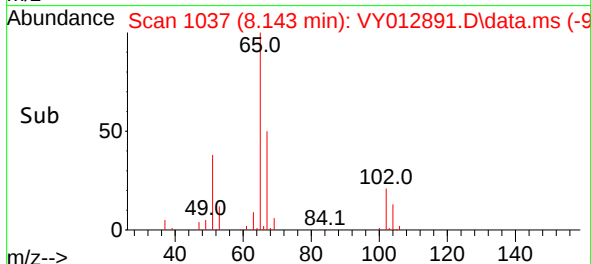
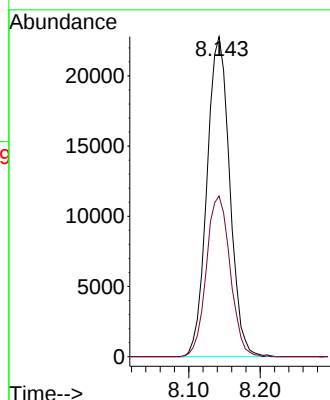
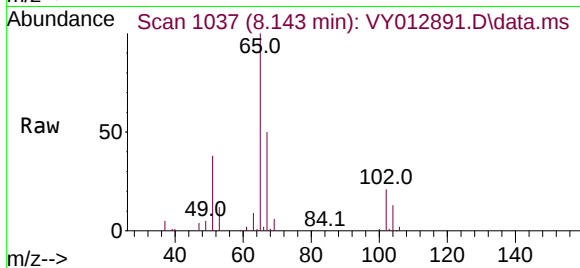




#33
 1,2-Dichloroethane-d4
 Concen: 67.761 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012891.D
 Acq: 09 Mar 2023 12:08

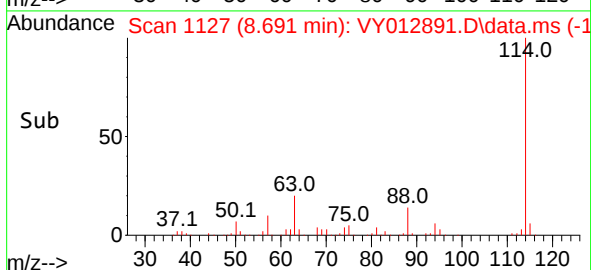
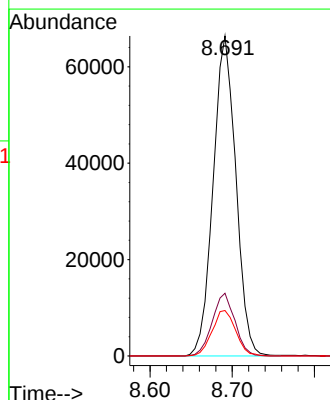
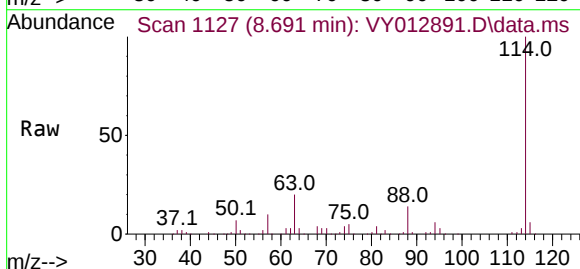
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-03082023

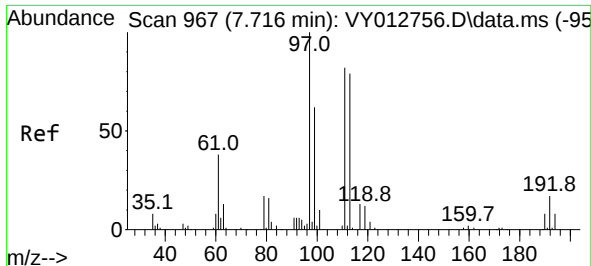
Tgt Ion: 65 Resp: 50394
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012891.D
 Acq: 09 Mar 2023 12:08

Tgt Ion: 114 Resp: 127435
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.4
 88 14.2 0.0 28.6

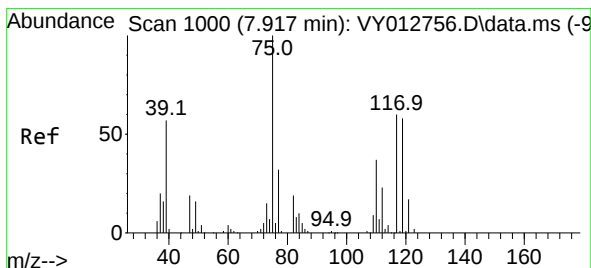
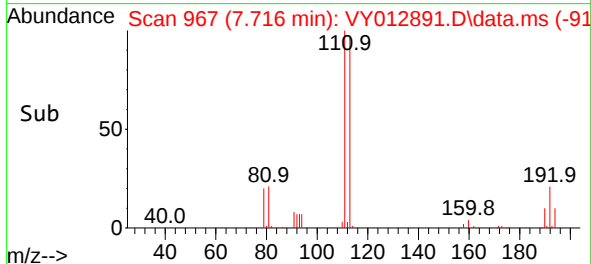
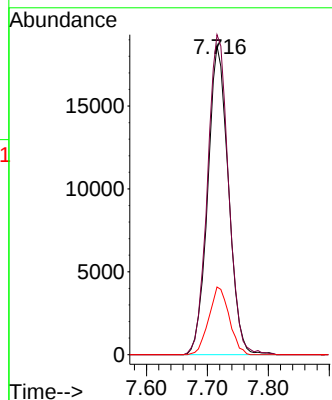
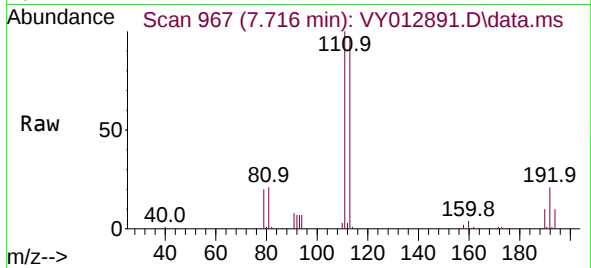




#35
Dibromofluoromethane
Concen: 57.150 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012891.D
Acq: 09 Mar 2023 12:08

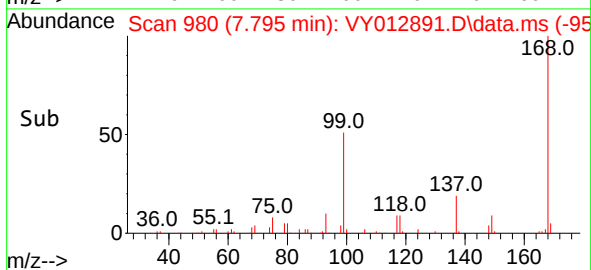
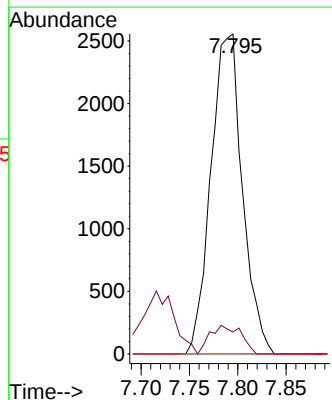
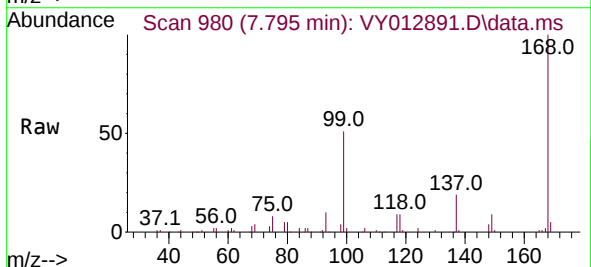
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-03082023

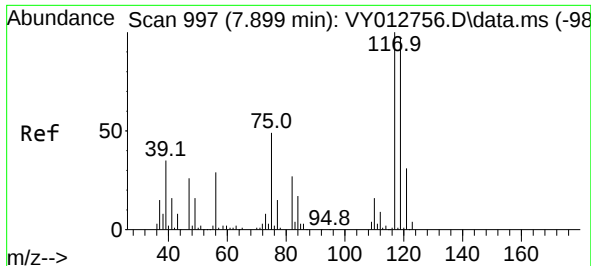
Tgt Ion:113 Resp: 43952
Ion Ratio Lower Upper
113 100
111 105.4 82.2 123.2
192 21.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.485 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012891.D
Acq: 09 Mar 2023 12:08

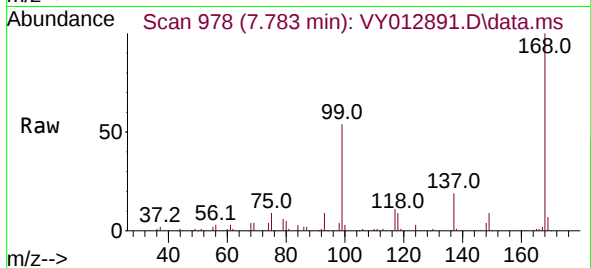
Tgt Ion: 75 Resp: 5780
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 25.0 37.4#



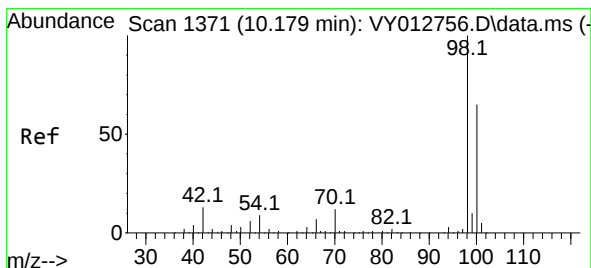
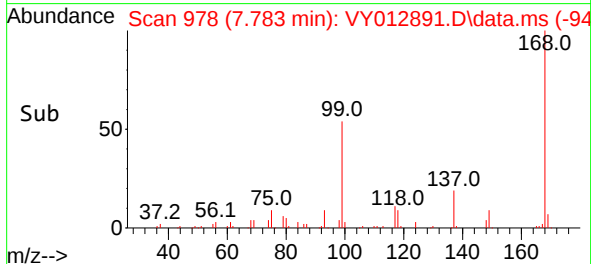
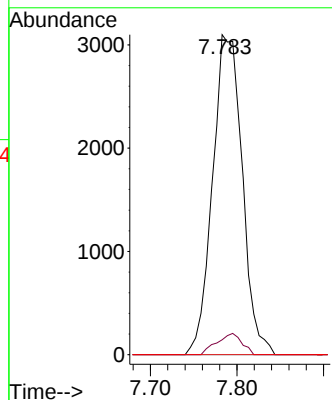


#38
Carbon Tetrachloride
Concen: 5.538 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012891.D
Acq: 09 Mar 2023 12:08

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-03082023

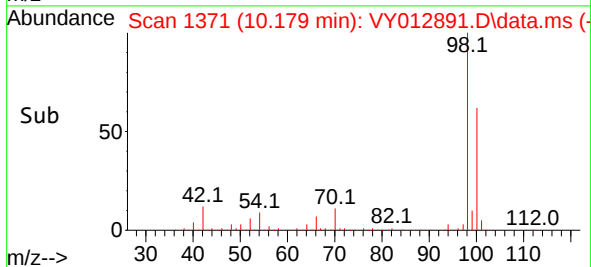
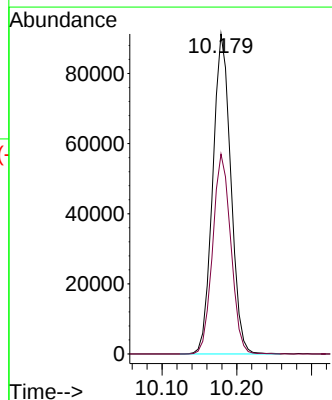
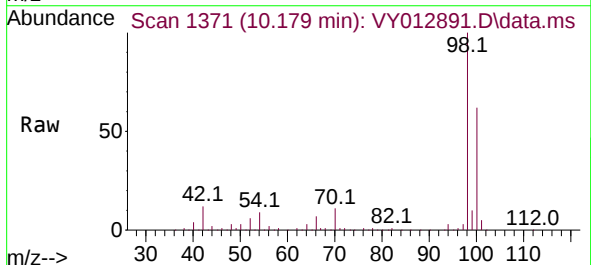


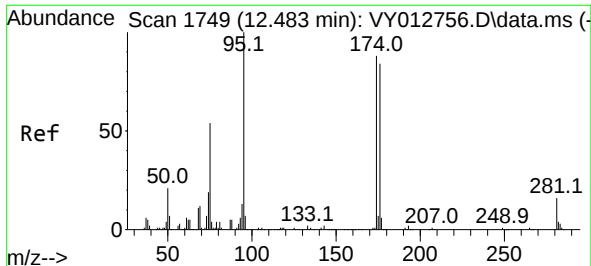
Tgt Ion:117 Resp: 7370
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.584 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012891.D
Acq: 09 Mar 2023 12:08

Tgt Ion: 98 Resp: 153466
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

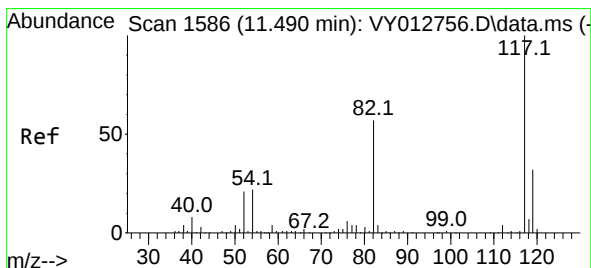
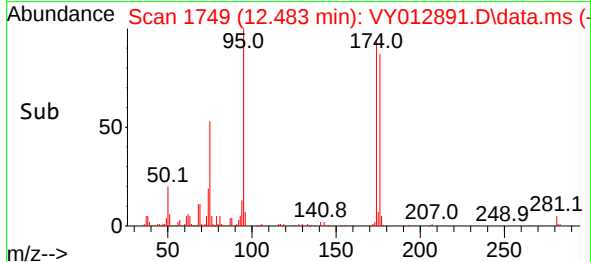
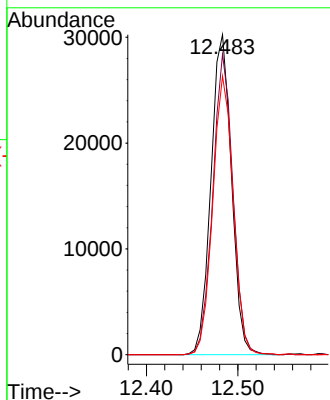
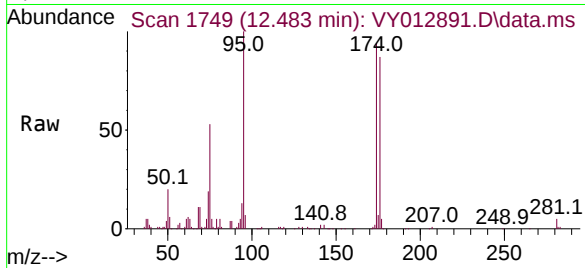




#62
4-Bromofluorobenzene
Concen: 49.666 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012891.D
Acq: 09 Mar 2023 12:08

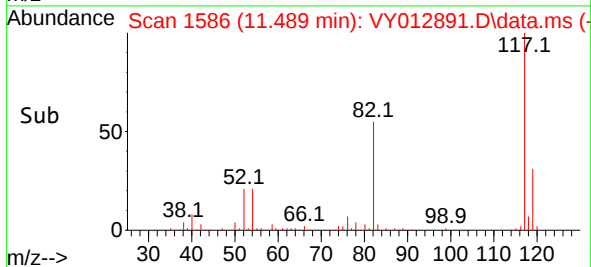
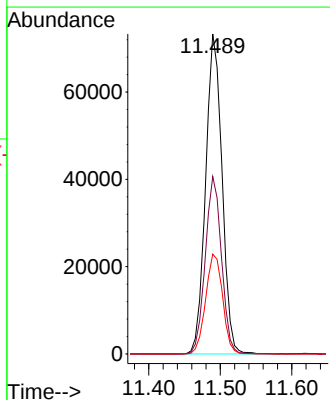
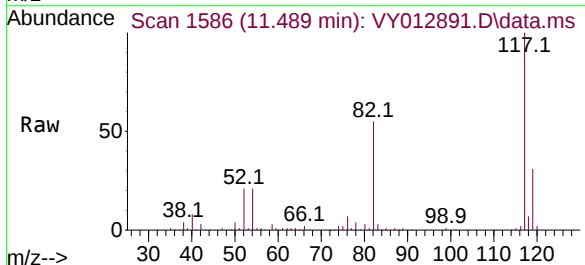
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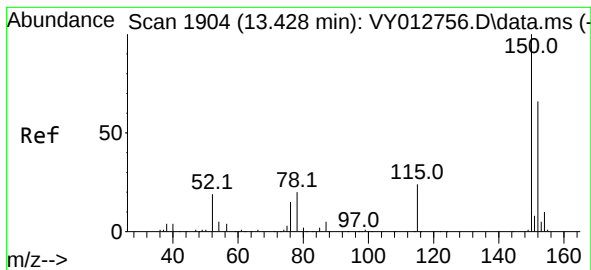
Tgt Ion: 95 Resp: 47132
Ion Ratio Lower Upper
95 100
174 92.5 0.0 176.6
176 87.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012891.D
Acq: 09 Mar 2023 12:08

Tgt Ion: 117 Resp: 116831
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 31.2 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: VY012891.D

Acq: 09 Mar 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-03082023

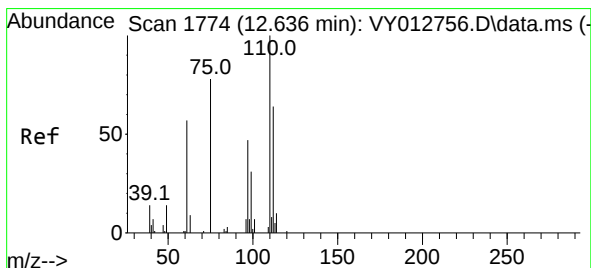
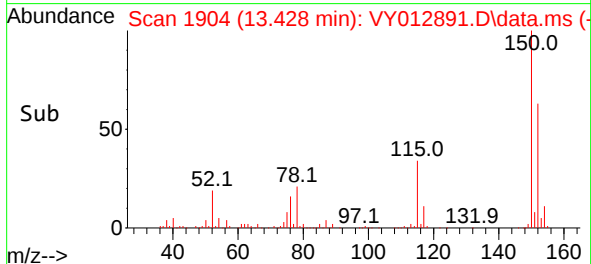
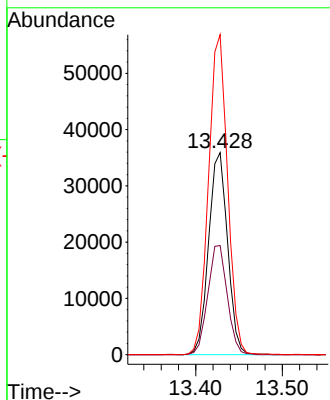
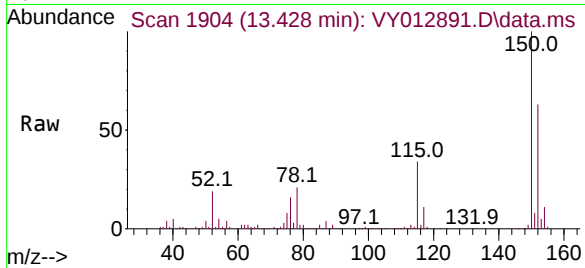
Tgt Ion:152 Resp: 54631

Ion Ratio Lower Upper

152 100

115 55.4 27.1 81.3

150 159.0 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 37.775 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012891.D

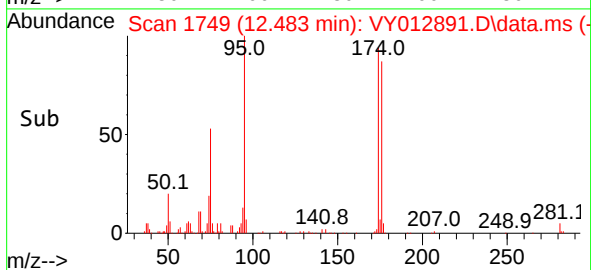
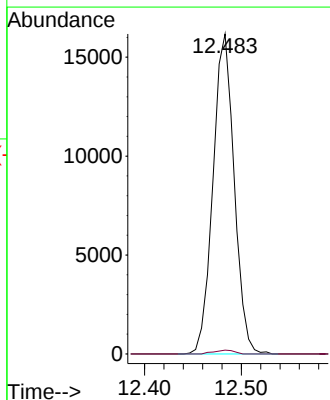
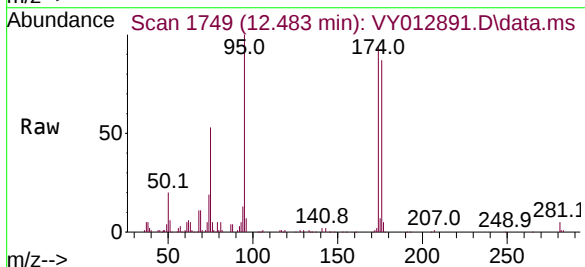
Acq: 09 Mar 2023 12:08

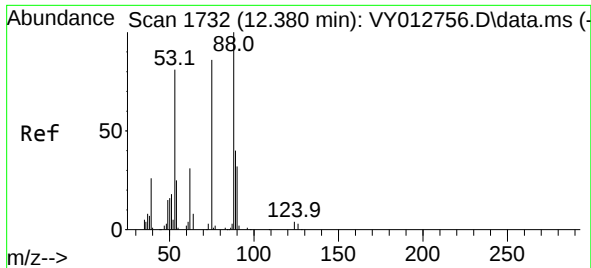
Tgt Ion: 75 Resp: 24644

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.272 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012891.D
 Acq: 09 Mar 2023 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-03082023

Tgt Ion: 75 Resp: 24644
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

