

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012766.D
 Acq On : 02 Mar 2023 18:08
 Operator : KP/MD
 Sample : 01740-08
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 03 01:58:10 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)

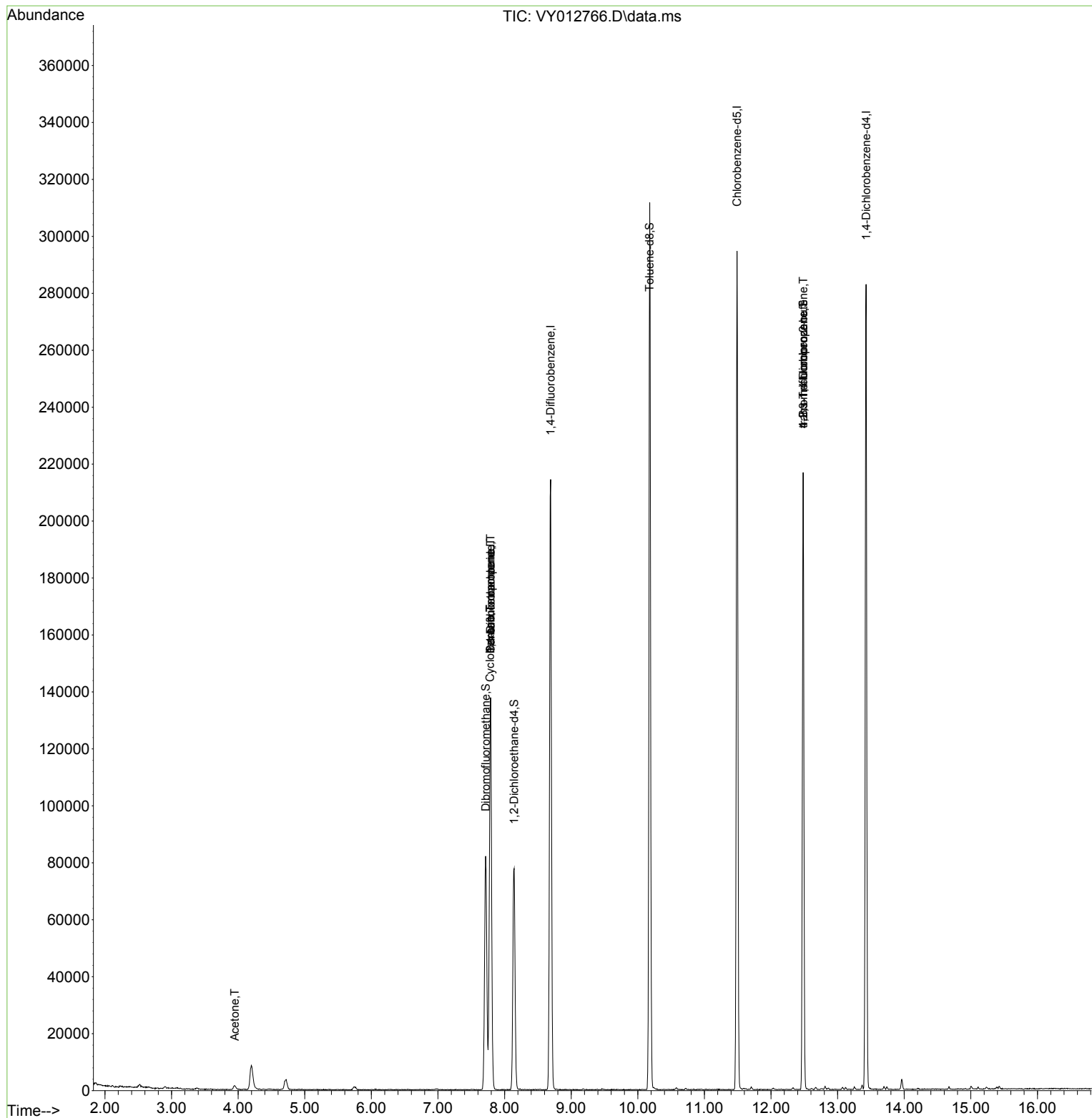
Internal Standards						
1) Pentafluorobenzene	7.789	168	107855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	155582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60999	56.963	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.920%			
35) Dibromofluoromethane	7.716	113	57140	52.729	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.460%			
50) Toluene-d8	10.179	98	196853	49.690	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.483	95	63175	47.246	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.500%			
Target Compounds						
11) Tert butyl alcohol	4.942	59	46	Below Cal	#	74
16) Acetone	3.948	43	2651	6.307	ug/l	99
20) Methylene Chloride	4.716	84	2512	Below Cal		92
31) Cyclohexane	7.783	56	2422	1.181	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	8198	4.514	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	10200	5.439	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	33856	39.913	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	33856	82.702	ug/l	# 13

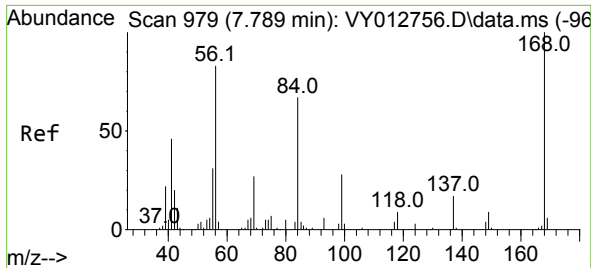
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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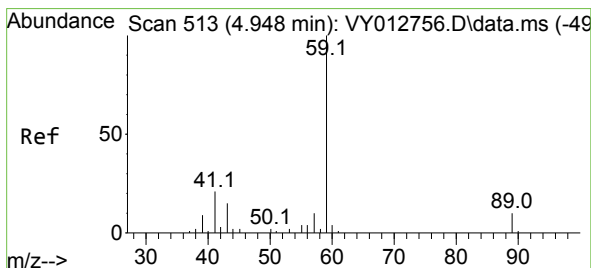
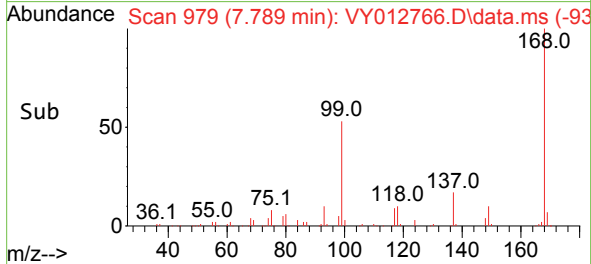
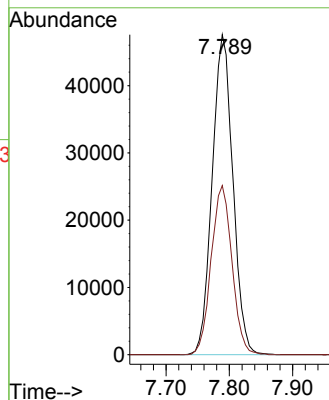
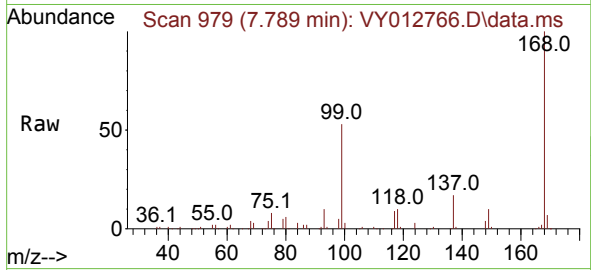




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012766.D
Acq: 02 Mar 2023 18:08

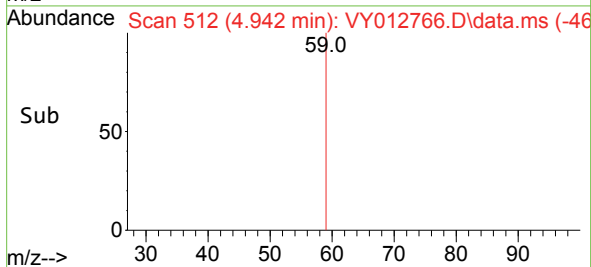
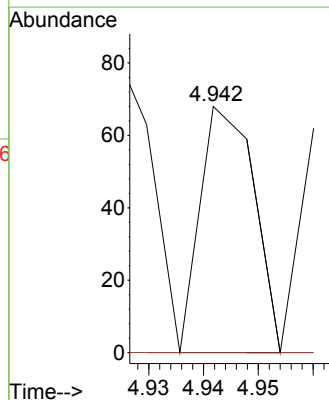
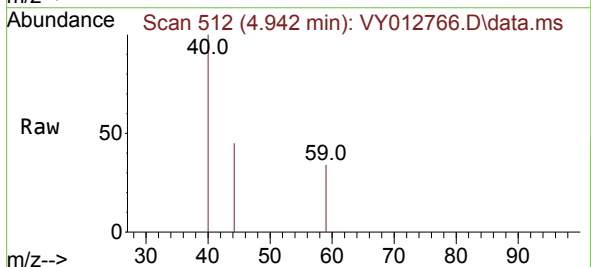
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 107855
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012766.D
Acq: 02 Mar 2023 18:08

Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 6.307 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY012766.D

Acq: 02 Mar 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

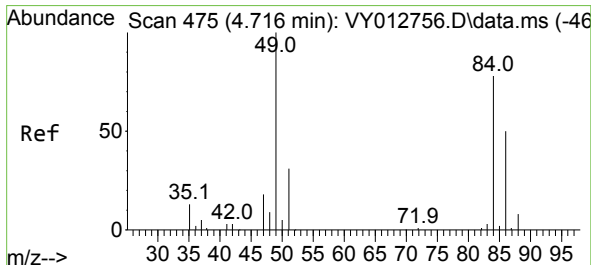
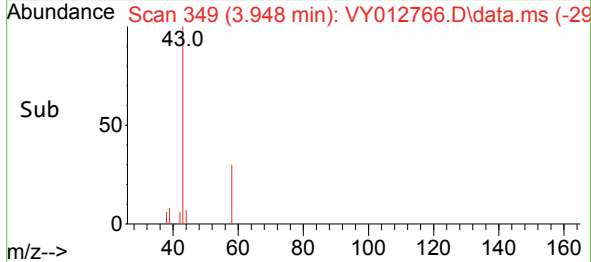
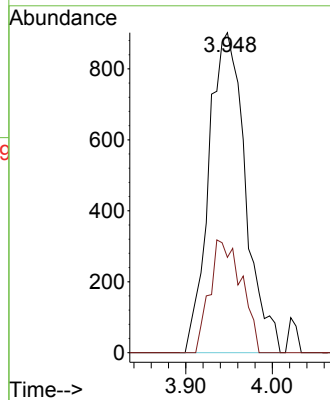
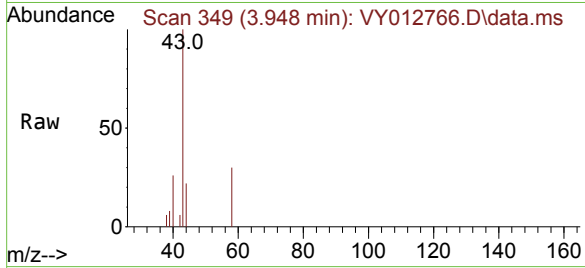
TRIP-BLANK

Tgt Ion: 43 Resp: 2651

Ion Ratio Lower Upper

43 100

58 29.8 24.2 36.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012766.D

Acq: 02 Mar 2023 18:08

Tgt Ion: 84 Resp: 2512

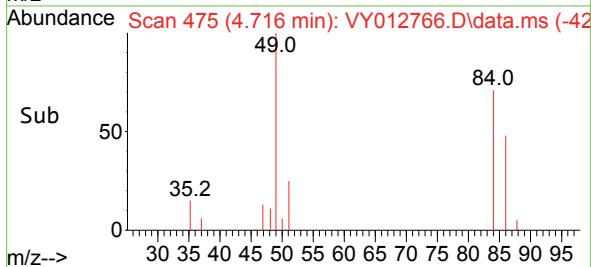
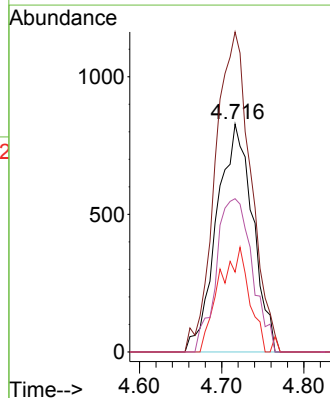
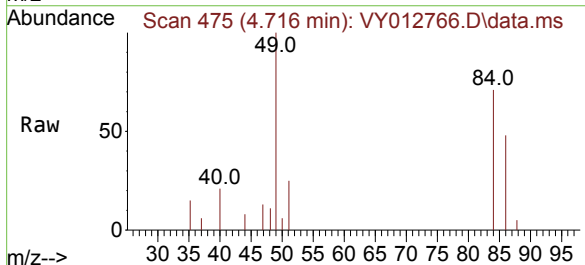
Ion Ratio Lower Upper

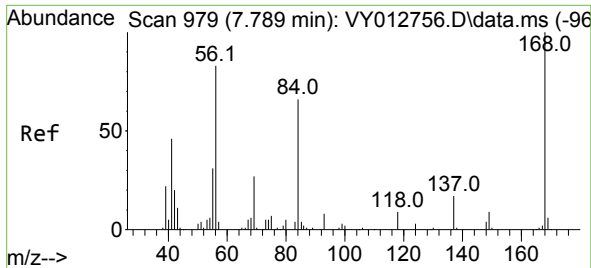
84 100

49 140.5 102.6 154.0

51 35.0 31.9 47.9

86 67.3 51.0 76.6

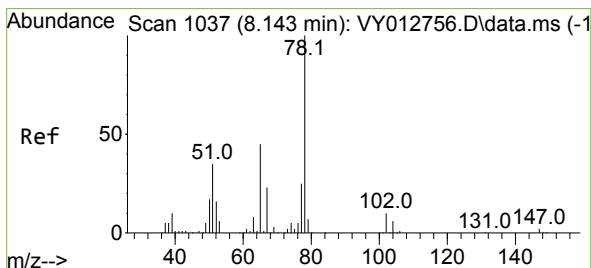
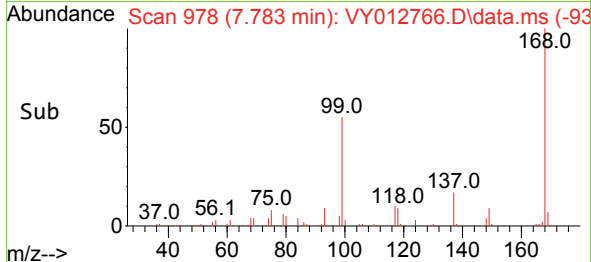
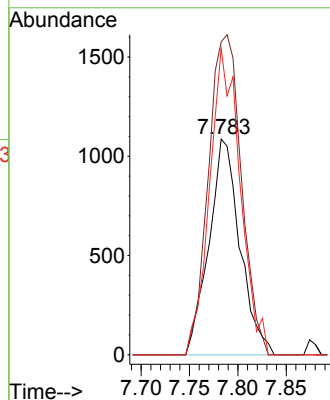
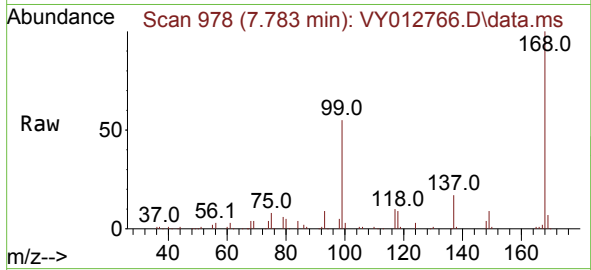




#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012766.D
Acq: 02 Mar 2023 18:08

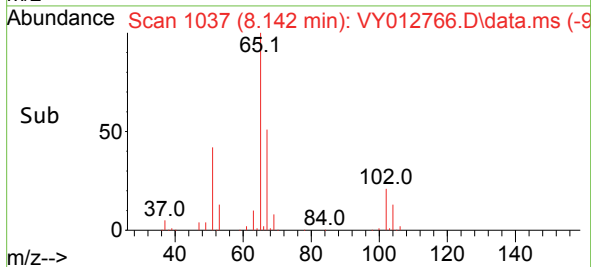
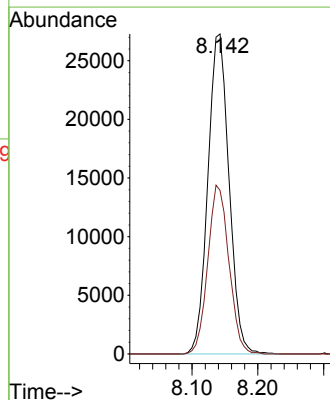
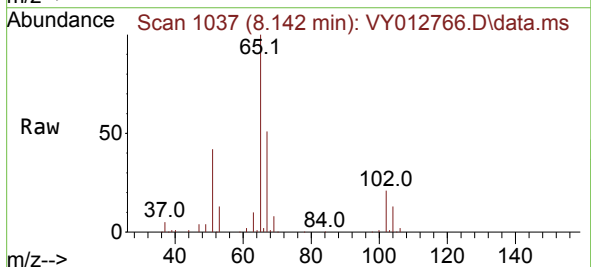
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

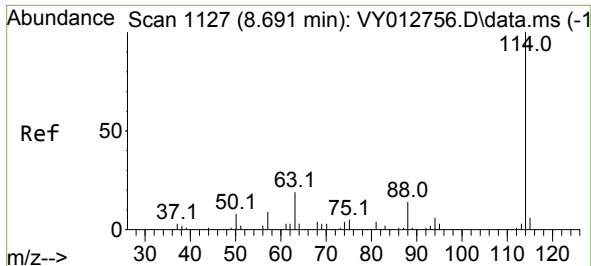
Tgt Ion: 56 Resp: 2422
Ion Ratio Lower Upper
56 100
69 145.1 25.7 38.5#
84 142.0 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 56.963 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012766.D
Acq: 02 Mar 2023 18:08

Tgt Ion: 65 Resp: 60999
Ion Ratio Lower Upper
65 100
67 52.7 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: VY012766.D

Acq: 02 Mar 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

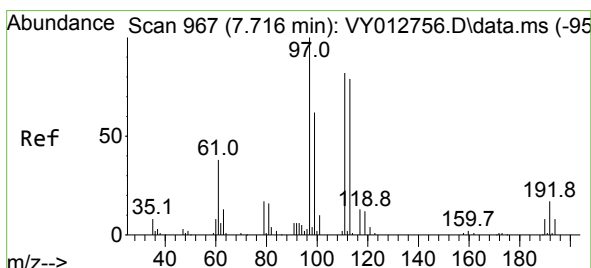
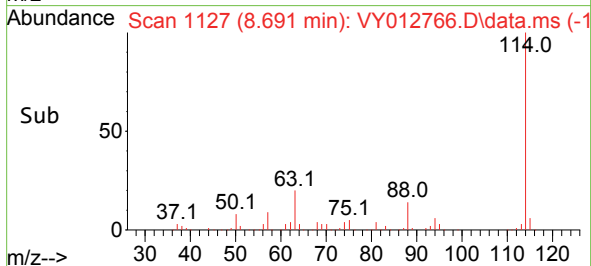
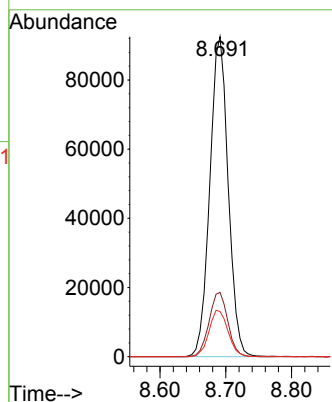
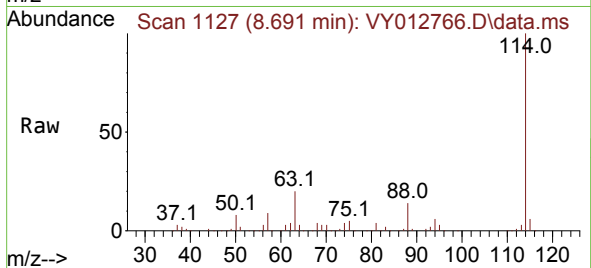
Tgt Ion:114 Resp: 179562

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 52.729 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012766.D

Acq: 02 Mar 2023 18:08

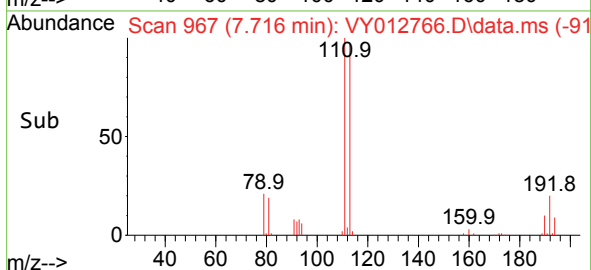
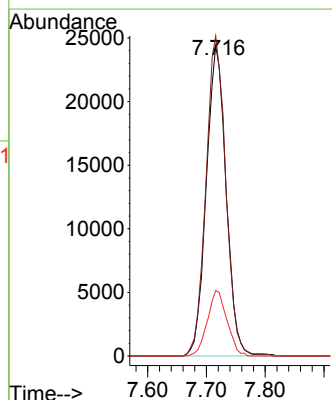
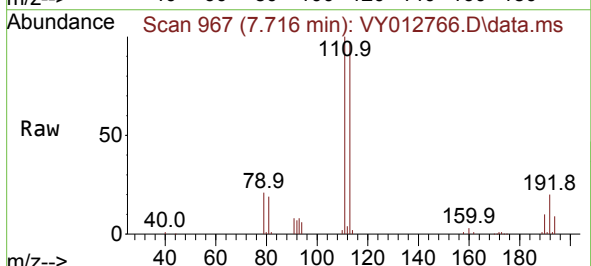
Tgt Ion:113 Resp: 57140

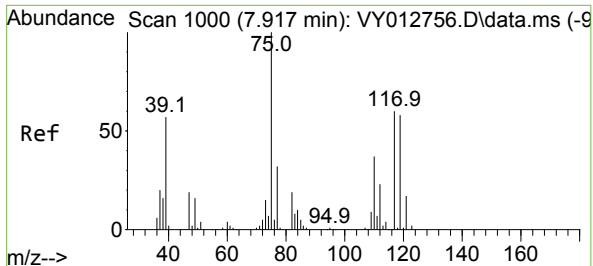
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 20.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.514 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012766.D

Acq: 02 Mar 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

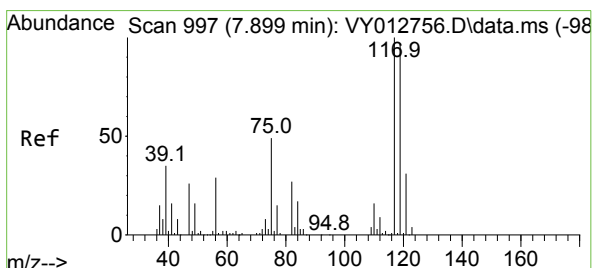
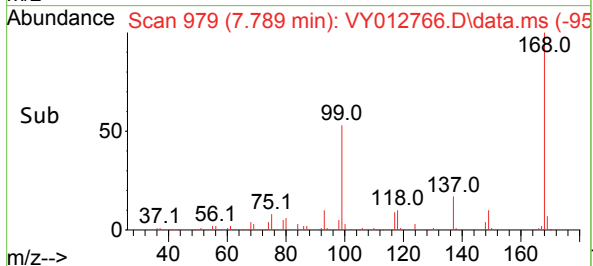
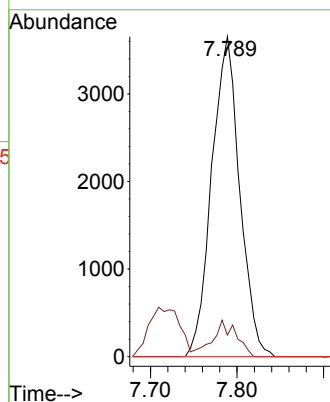
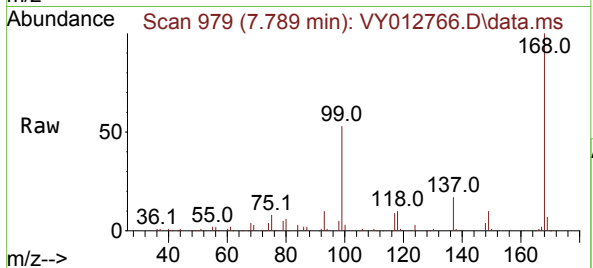
Tgt Ion: 75 Resp: 8198

Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.439 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012766.D

Acq: 02 Mar 2023 18:08

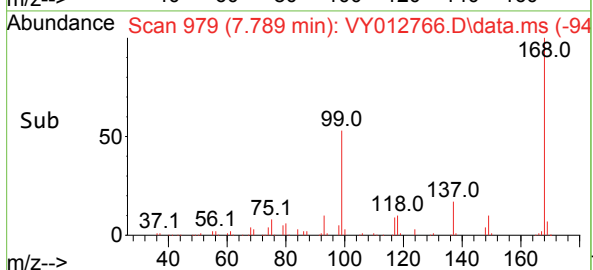
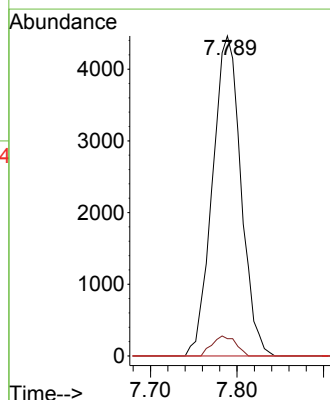
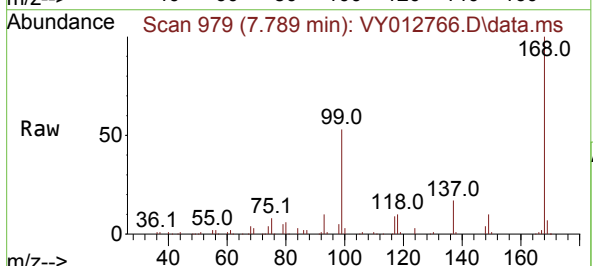
Tgt Ion: 117 Resp: 10200

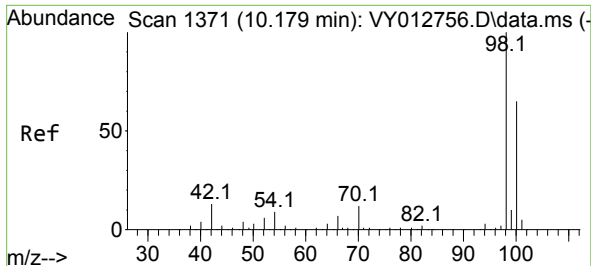
Ion Ratio Lower Upper

117 100

119 5.4 77.2 115.8#

121 0.0 24.7 37.1#

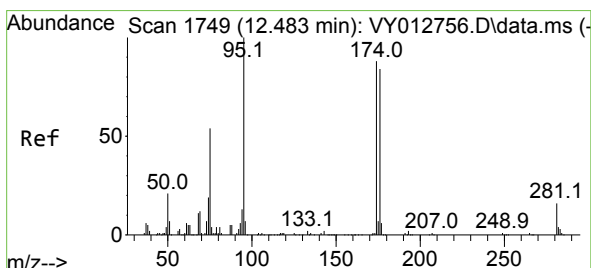
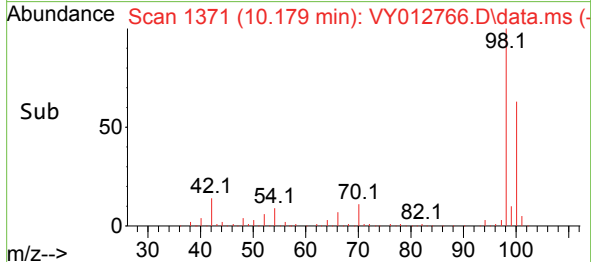
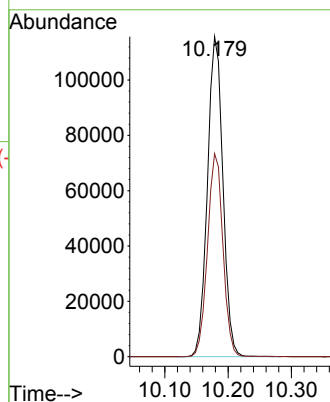
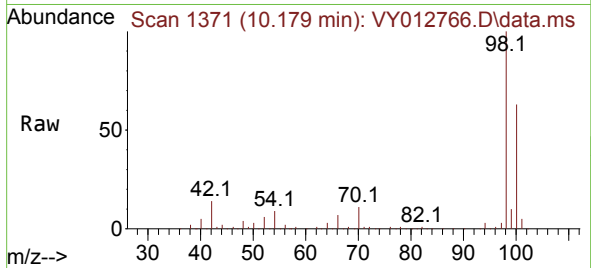




#50
Toluene-d8
Concen: 49.690 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012766.D
Acq: 02 Mar 2023 18:08

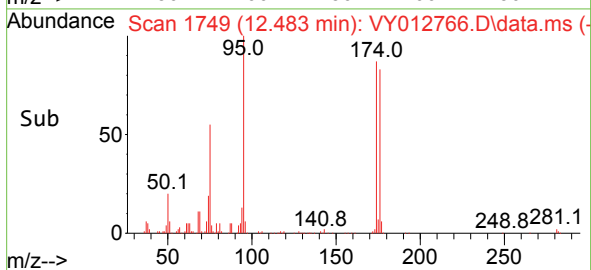
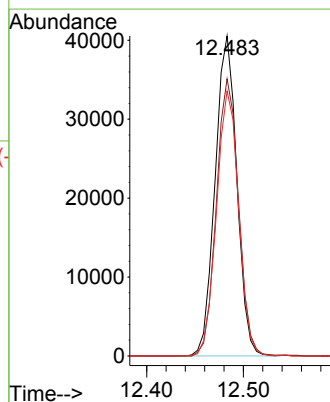
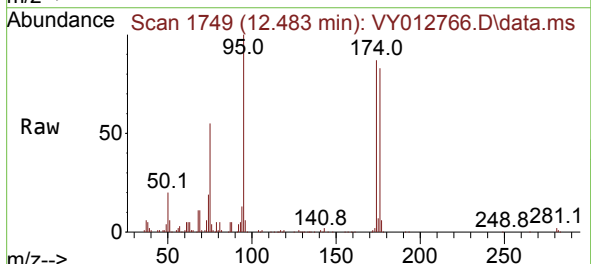
Instrument :
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ClientSampleId :
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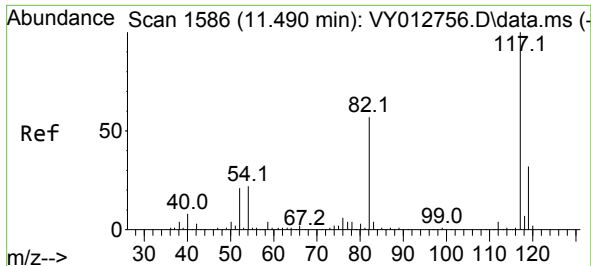
Tgt Ion: 98 Resp: 196853
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.246 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012766.D
Acq: 02 Mar 2023 18:08

Tgt Ion: 95 Resp: 63175
Ion Ratio Lower Upper
95 100
174 88.0 0.0 176.6
176 84.2 0.0 170.2

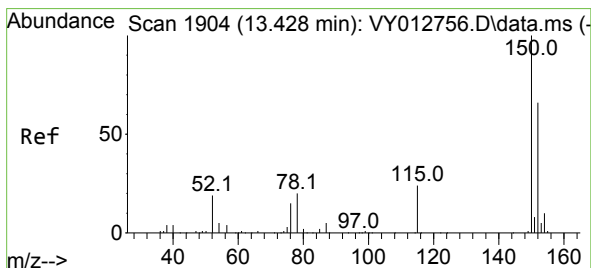
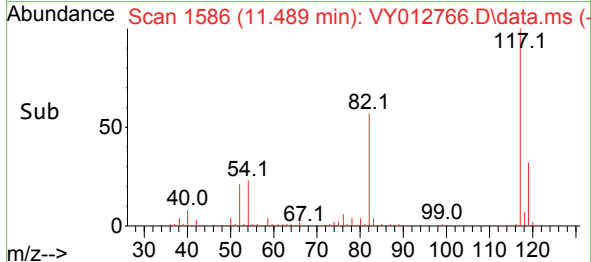
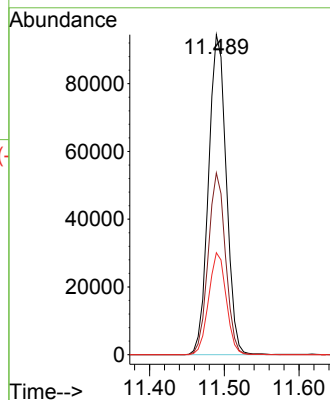
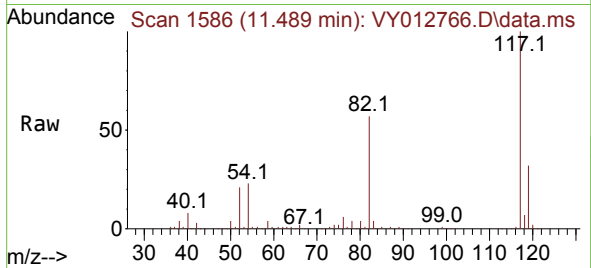




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012766.D
Acq: 02 Mar 2023 18:08

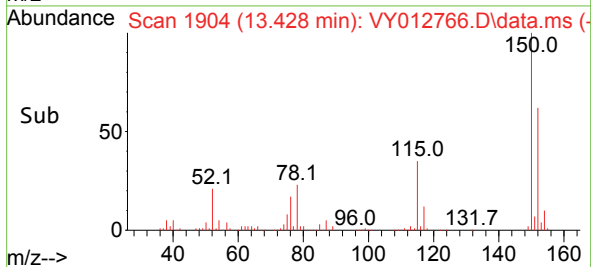
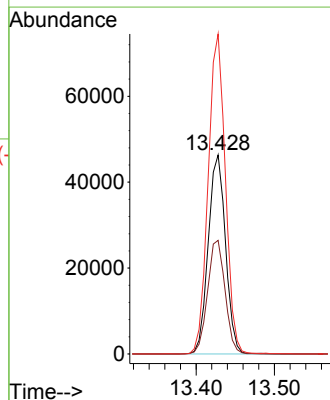
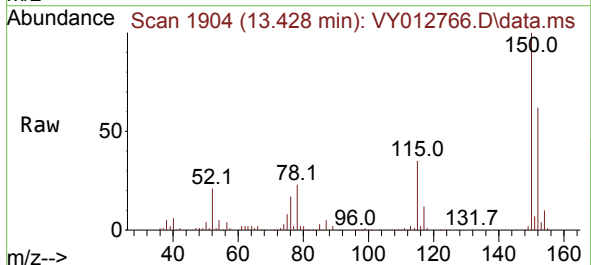
Instrument :
MSVOA_Y
ClientSampleId :
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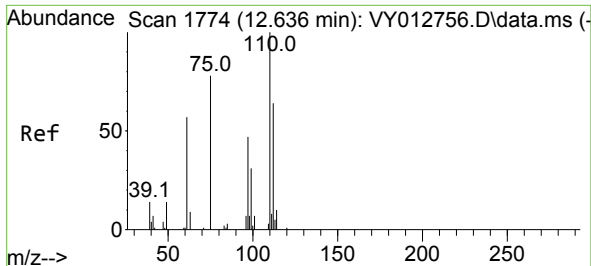
Tgt Ion:117 Resp: 155582
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012766.D
Acq: 02 Mar 2023 18:08

Tgt Ion:152 Resp: 71032
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 159.9 0.0 347.8

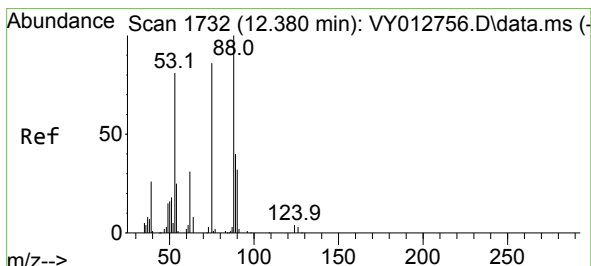
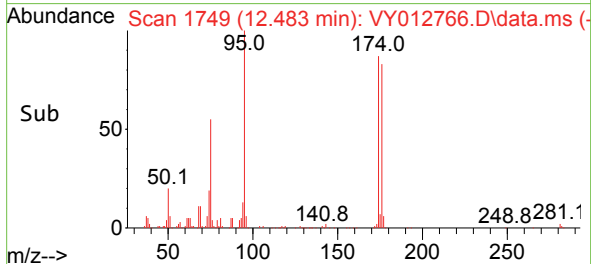
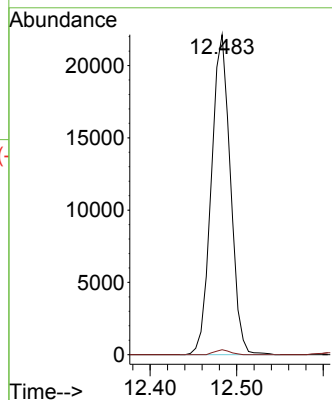
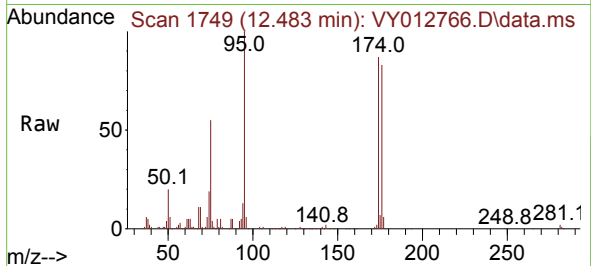




#76
1,2,3-Trichloropropane
Concen: 39.913 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012766.D
Acq: 02 Mar 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 33856
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.702 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012766.D
Acq: 02 Mar 2023 18:08

Tgt Ion: 75 Resp: 33856
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

