

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012737.D
 Acq On : 27 Feb 2023 16:29
 Operator : KP/MD
 Sample : 01724-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR53-VNJ201

Quant Time: Feb 28 00:23:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

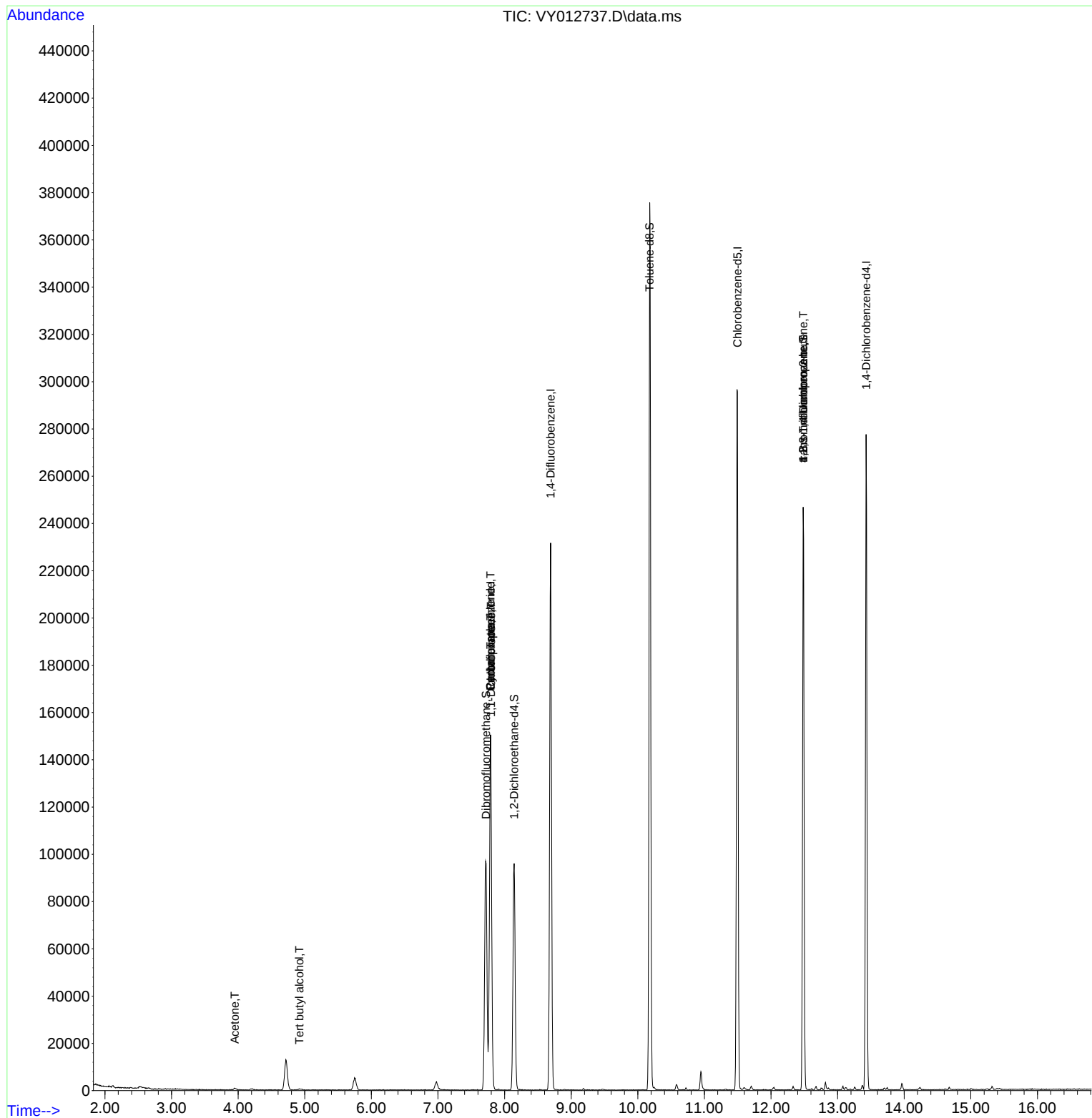
Internal Standards						
1) Pentafluorobenzene	7.789	168	116095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	159839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74163	54.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.180%	
35) Dibromofluoromethane	7.722	113	70075	54.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.080%	
50) Toluene-d8	10.179	98	240445	49.948	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	12.483	95	70446	45.730	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.460%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	710	Below Cal		96
11) Tert butyl alcohol	4.918	59	249	1.660	ug/l #	74
16) Acetone	3.948	43	1330	2.973	ug/l	97
31) Cyclohexane	7.789	56	2766	1.161	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9010	4.424	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10696	5.079	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	37512	44.231	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37512	93.703	ug/l #	9

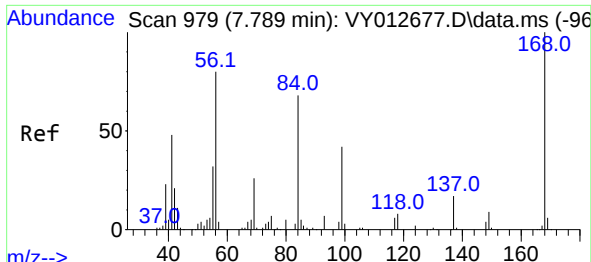
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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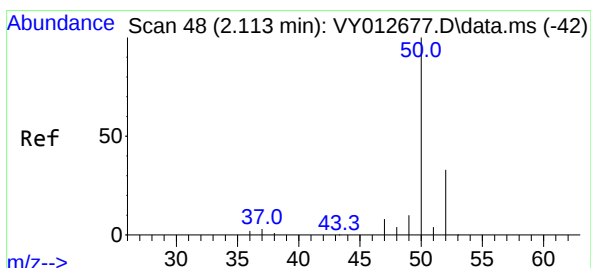
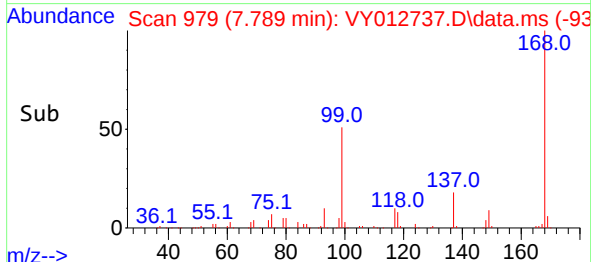
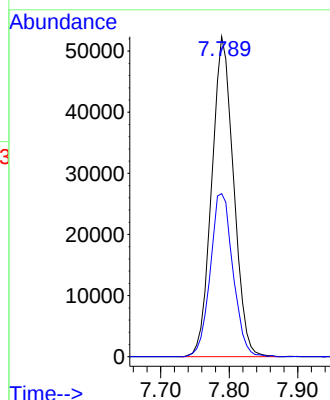
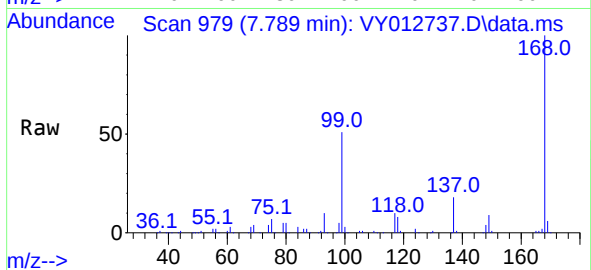




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

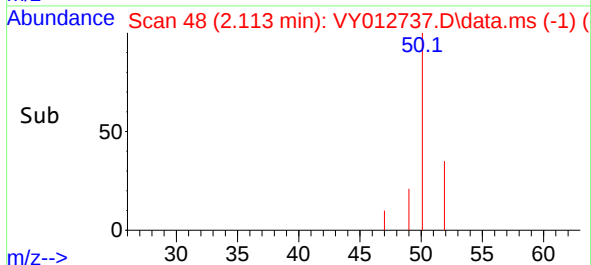
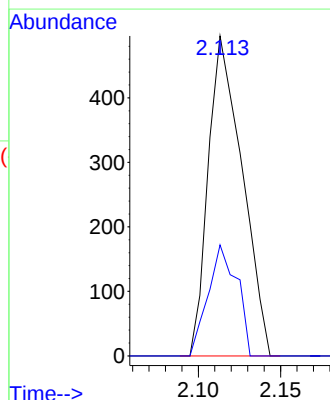
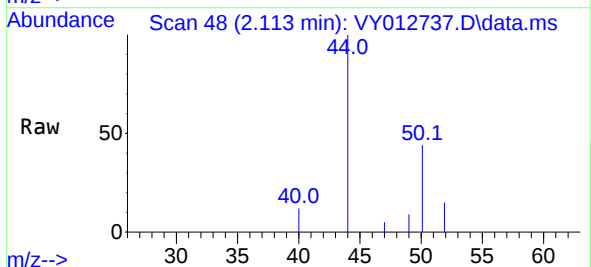
Instrument :
MSVOA_Y
ClientSampleId :
RBR53-VNJ201

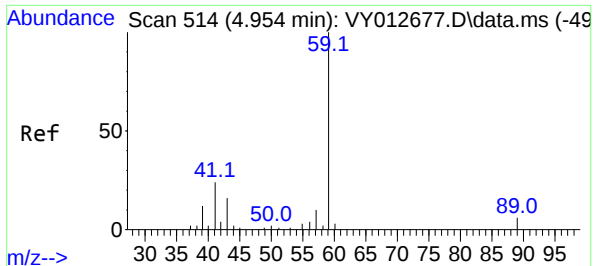
Tgt Ion:168 Resp: 116095
Ion Ratio Lower Upper
168 100
99 51.0 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

Tgt Ion: 50 Resp: 710
Ion Ratio Lower Upper
50 100
52 34.7 26.1 39.1

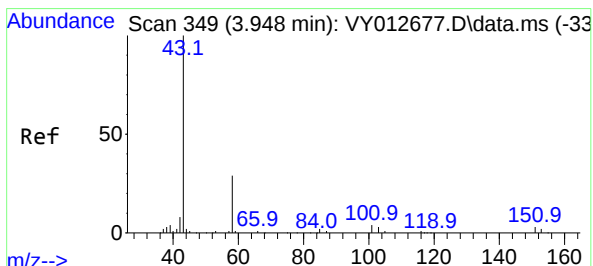
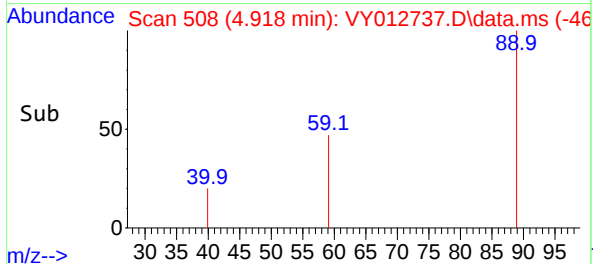
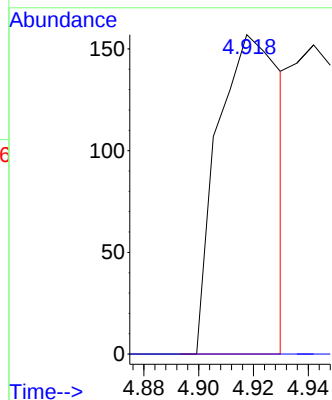
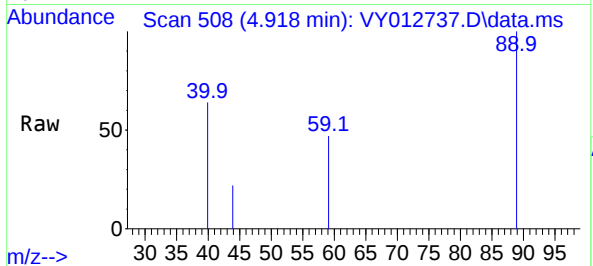




#11
Tert butyl alcohol
Concen: 1.660 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

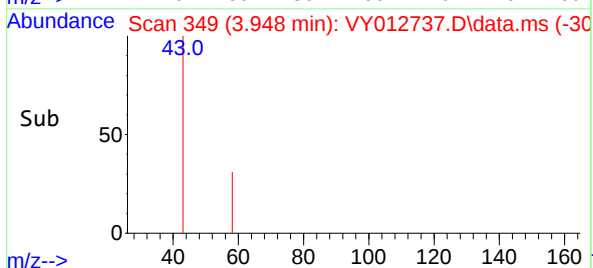
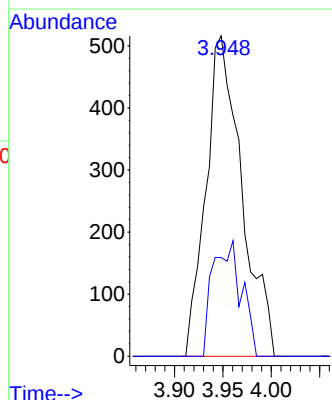
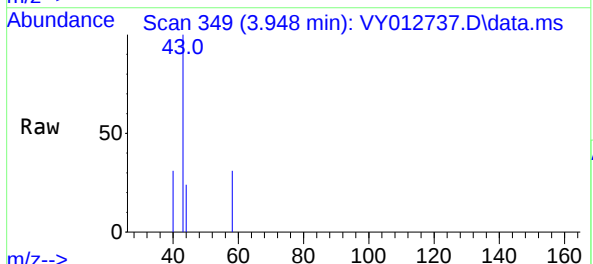
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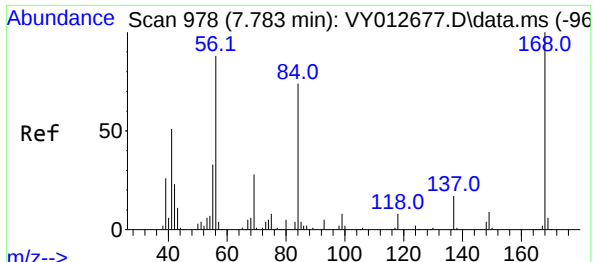
Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 2.973 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

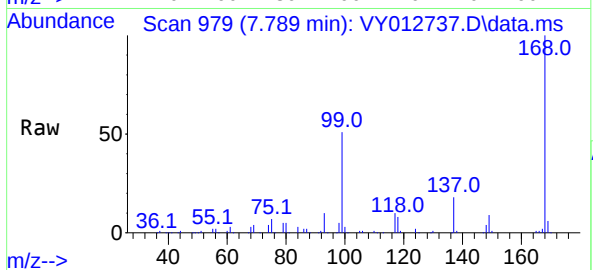
Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
58 30.8 23.3 34.9



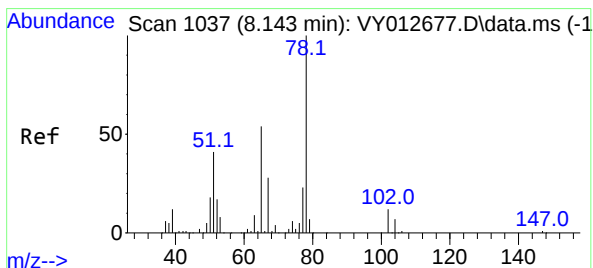
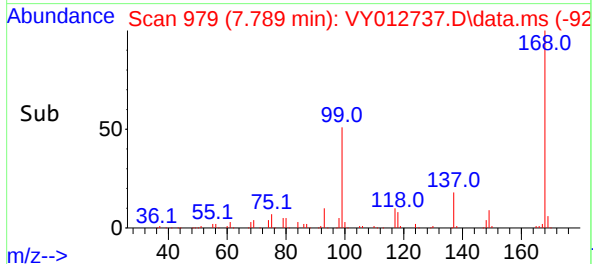
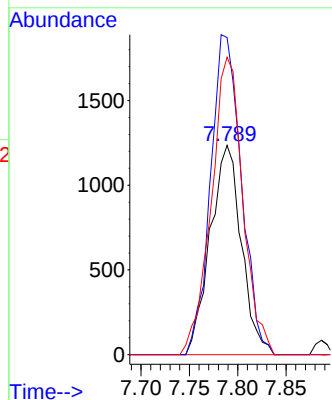


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
RBR53-VNJ201

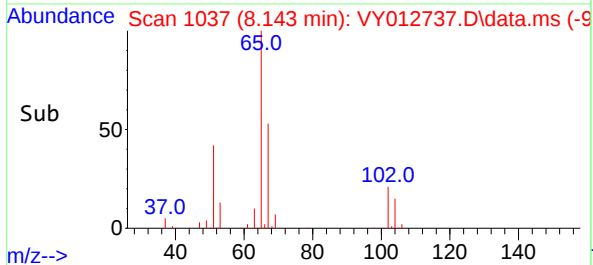
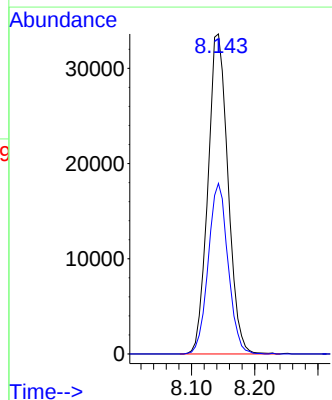
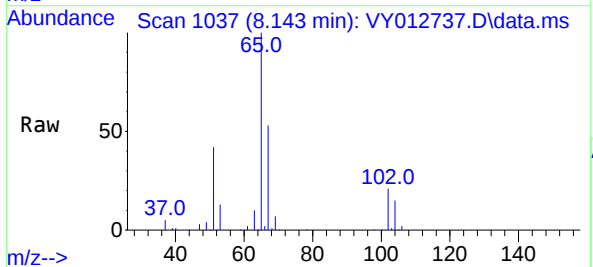


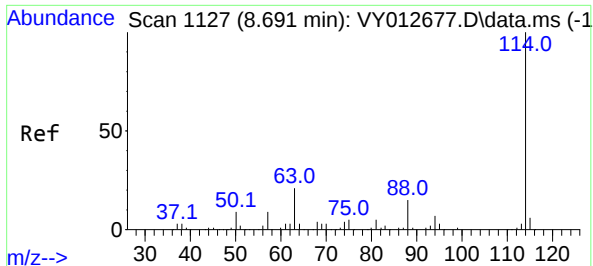
Tgt Ion: 56 Resp: 2766
Ion Ratio Lower Upper
56 100
69 151.6 25.4 38.2#
84 142.2 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 54.089 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

Tgt Ion: 65 Resp: 74163
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6

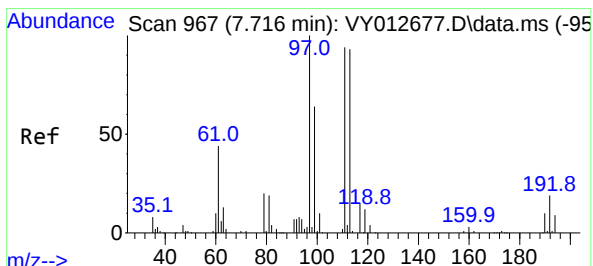
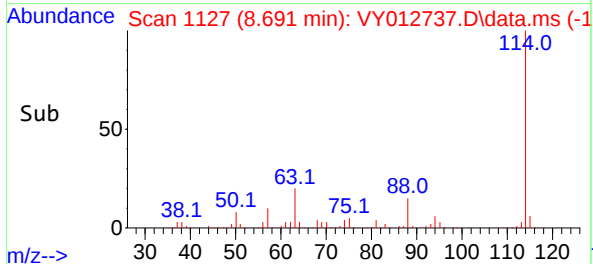
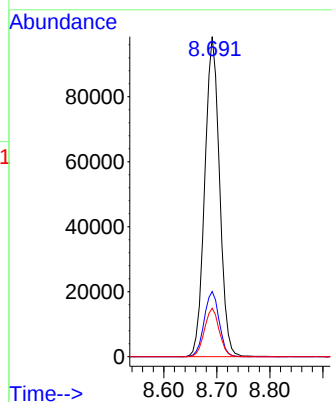
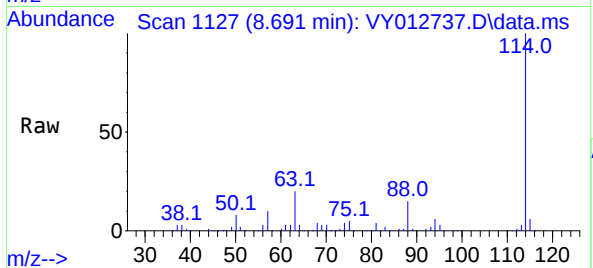




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

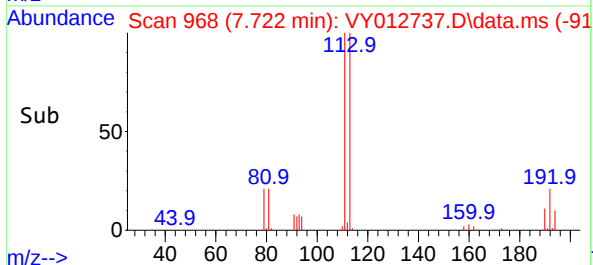
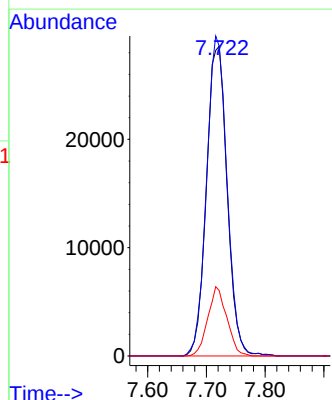
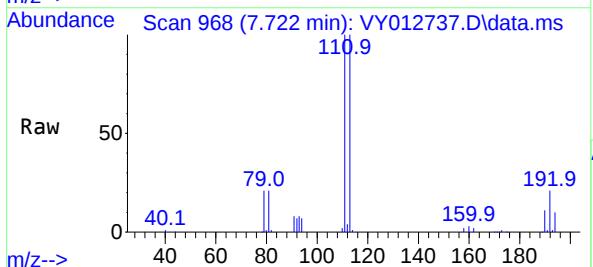
Instrument :
MSVOA_Y
ClientSampleId :
RBR53-VNJ201

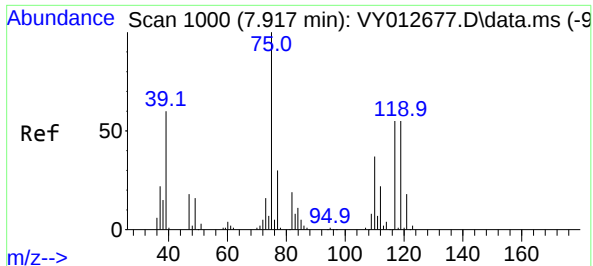
Tgt Ion:114 Resp: 190239
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.8
88 15.2 0.0 29.6



#35
Dibromofluoromethane
Concen: 54.536 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

Tgt Ion:113 Resp: 70075
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 20.5 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.424 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY012737.D

Acq: 27 Feb 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

RBR53-VNJ201

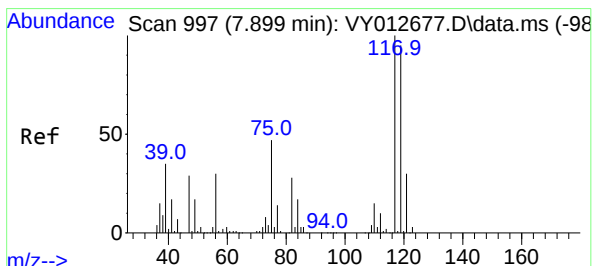
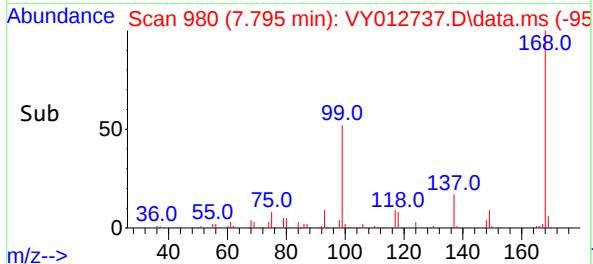
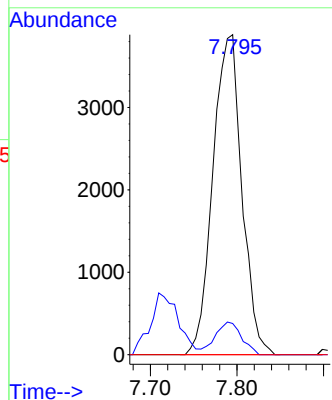
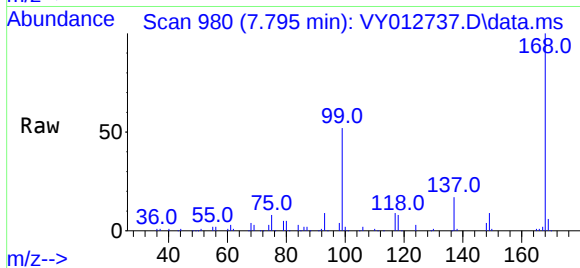
Tgt Ion: 75 Resp: 9010

Ion Ratio Lower Upper

75 100

110 9.2 17.6 52.8#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.079 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012737.D

Acq: 27 Feb 2023 16:29

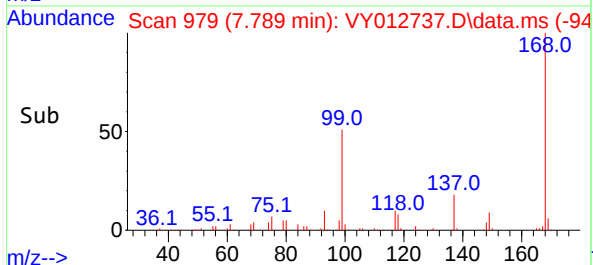
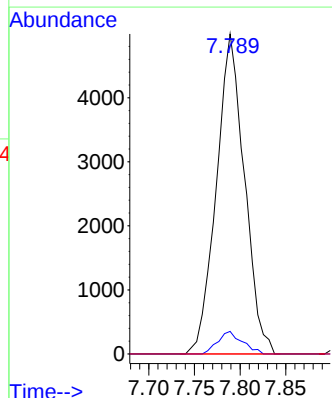
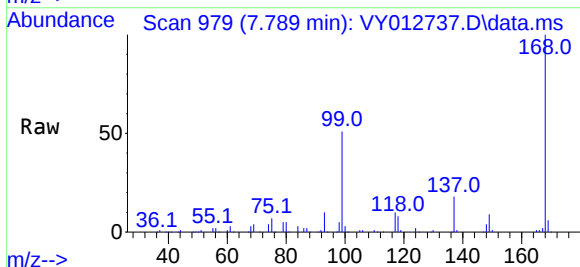
Tgt Ion: 117 Resp: 10696

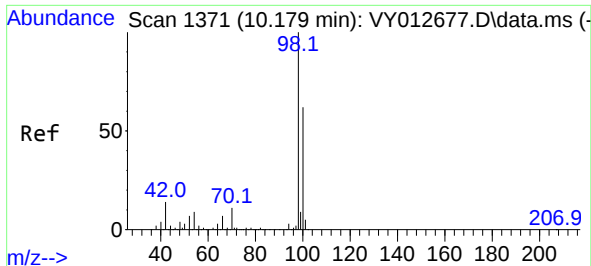
Ion Ratio Lower Upper

117 100

119 7.0 75.5 113.3#

121 0.0 23.8 35.8#

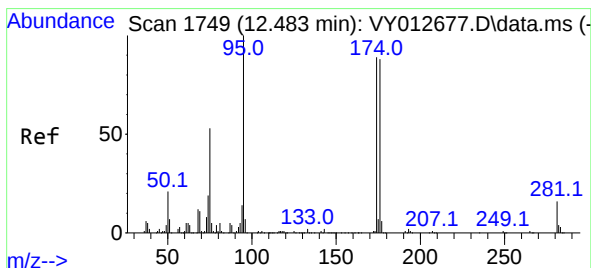
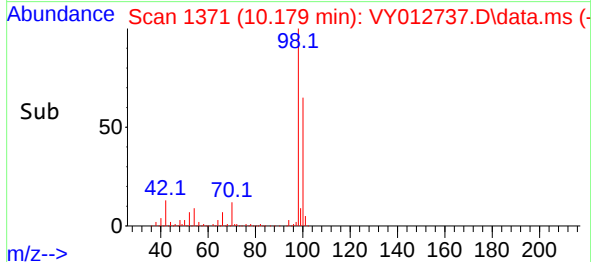
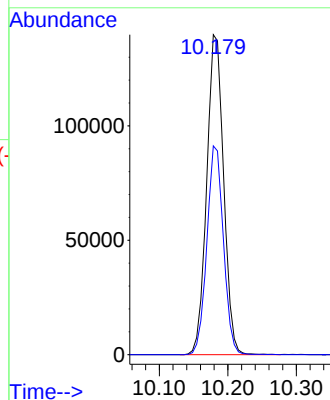
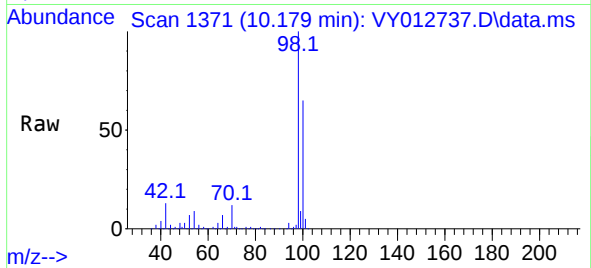




#50
Toluene-d8
Concen: 49.948 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

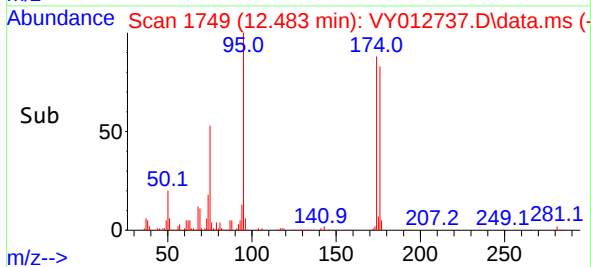
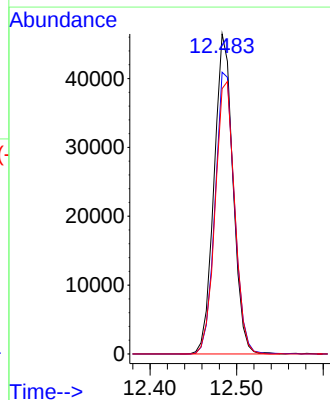
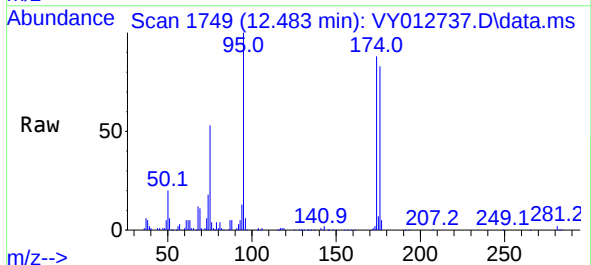
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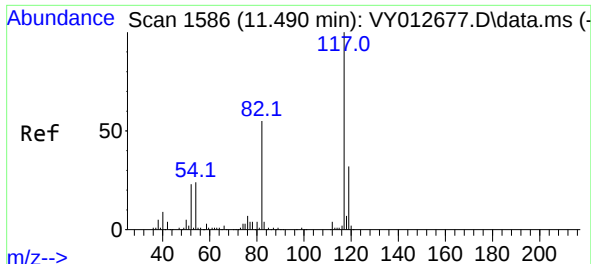
Tgt Ion: 98 Resp: 240445
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

Tgt Ion: 95 Resp: 70446
Ion Ratio Lower Upper
95 100
174 90.0 0.0 172.8
176 87.5 0.0 169.4

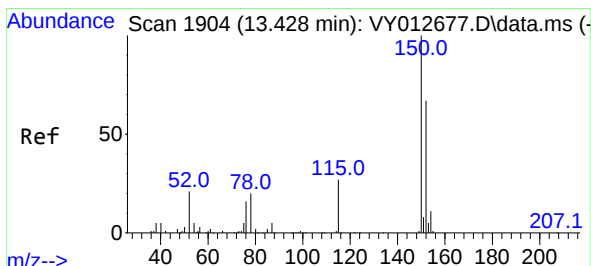
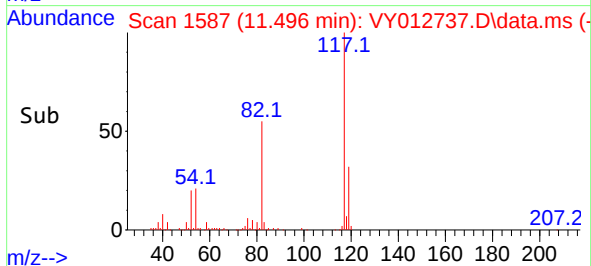
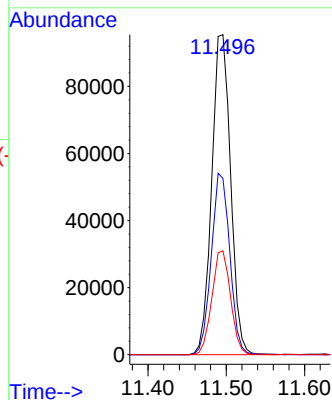
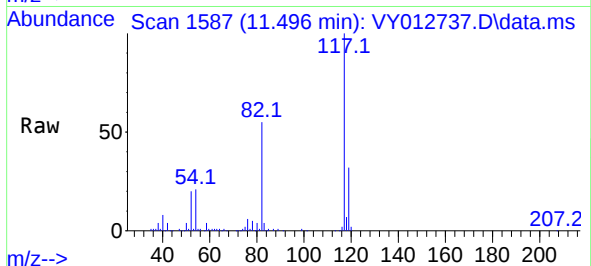




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

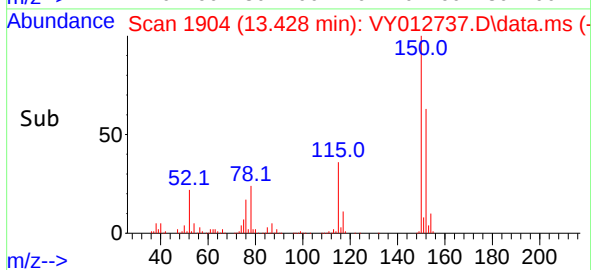
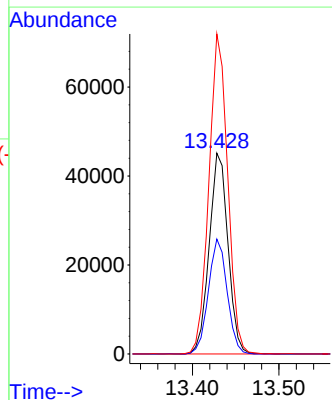
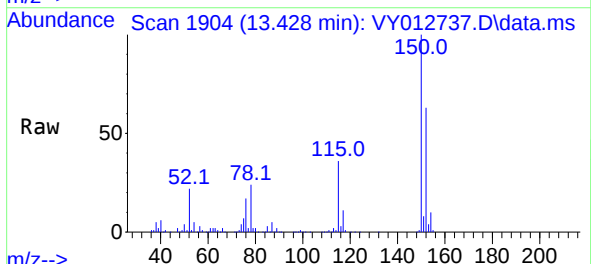
Instrument :
MSVOA_Y
ClientSampleId :
RBR53-VNJ201

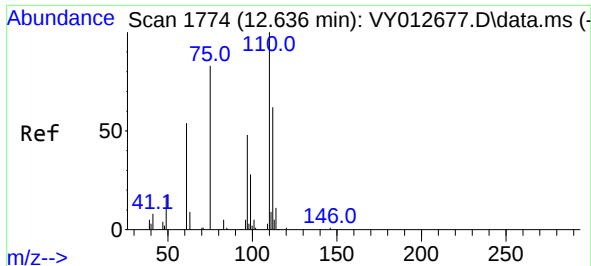
Tgt Ion:117 Resp: 159839
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

Tgt Ion:152 Resp: 68029
Ion Ratio Lower Upper
152 100
115 57.0 28.7 86.3
150 159.3 0.0 347.6

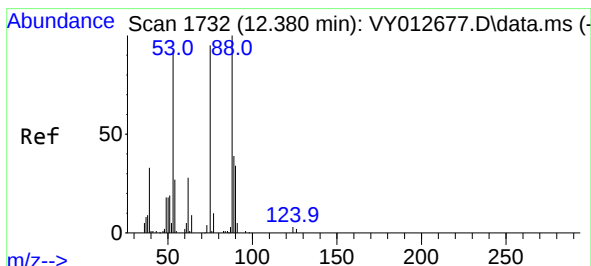
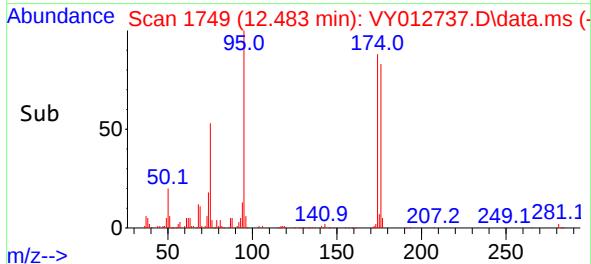
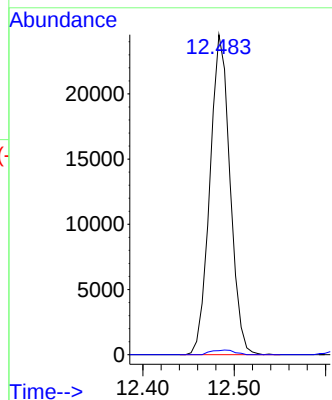
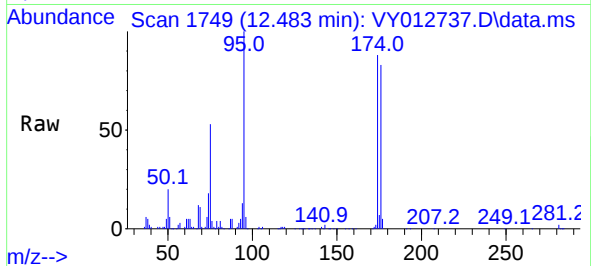




#76
1,2,3-Trichloropropane
Concen: 44.231 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
RBR53-VNJ201

Tgt Ion: 75 Resp: 37512
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.703 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012737.D
Acq: 27 Feb 2023 16:29

Tgt Ion: 75 Resp: 37512
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 0.0 36.5 54.7#

