

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010072.D
 Acq On : 17 Aug 2022 16:38
 Operator : KP/MD
 Sample : N4225-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-70-1

Quant Time: Aug 18 08:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

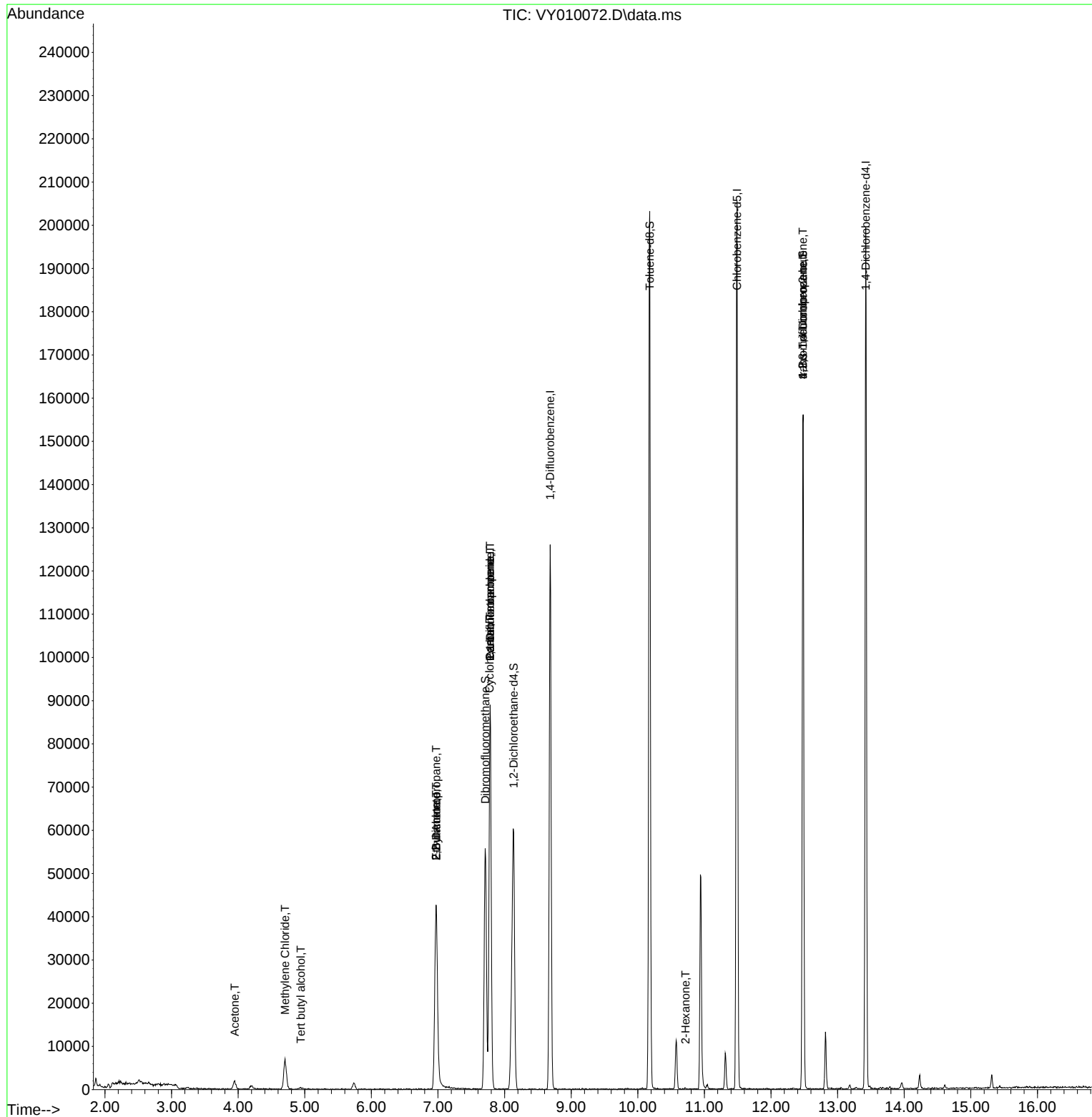
Internal Standards						
1) Pentafluorobenzene	7.782	168	71619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	112404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	117867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40019	55.885	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.780%			
35) Dibromofluoromethane	7.709	113	38712	53.107	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.220%			
50) Toluene-d8	10.178	98	135936	50.405	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.477	95	43726	46.161	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.320%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.941	59	440	6.318	ug/l #	74
16) Acetone	3.948	43	3436	22.402	ug/l	93
20) Methylene Chloride	4.704	84	5311	4.412	ug/l	92
25) 2-Butanone	6.972	43	2235	10.651	ug/l #	74
26) 2,2-Dichloropropane	6.972	77	3100	2.736	ug/l #	53
31) Cyclohexane	7.776	56	1388	1.372	ug/l #	36
36) 1,1-Dichloropropene	7.782	75	5080	5.003	ug/l #	50
37) Ethyl Acetate	6.972	43	2235	4.371	ug/l #	1
38) Carbon Tetrachloride	7.782	117	6648	5.323	ug/l #	17
59) 2-Hexanone	10.715	43	117	24.410	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	22733	44.627	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22733	100.852	ug/l #	12

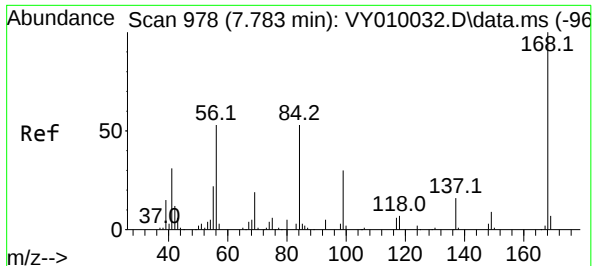
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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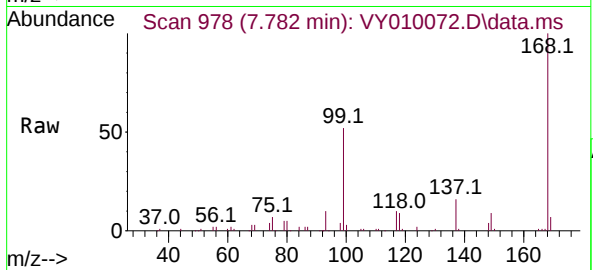
Quant Time: Aug 18 08:21:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
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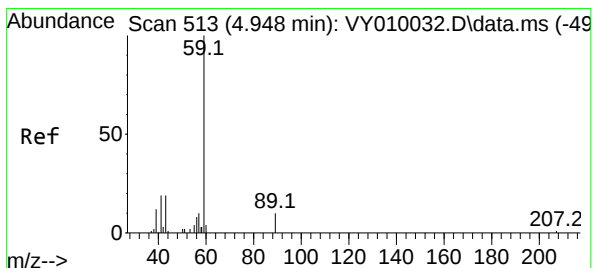
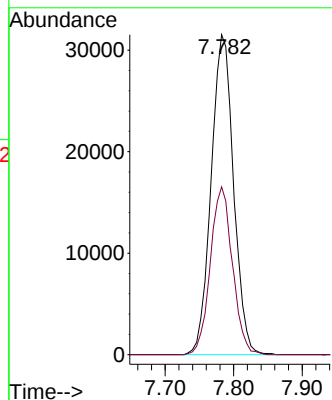
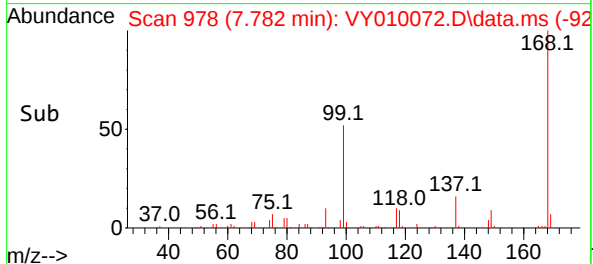


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Instrument :
MSVOA_Y
ClientSampleId :
R-70-1

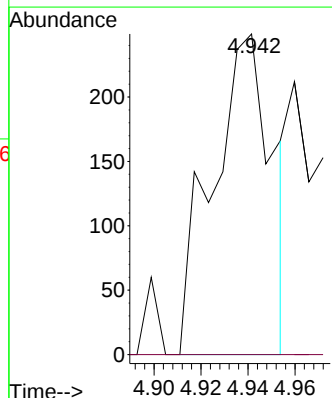
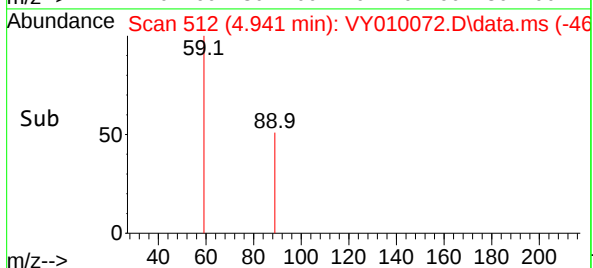
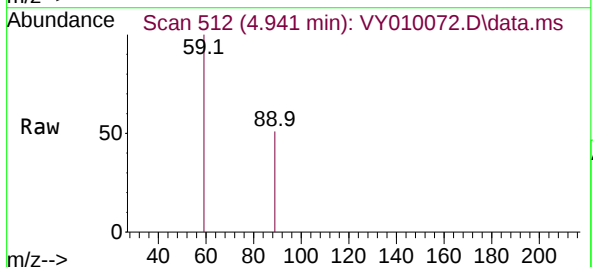


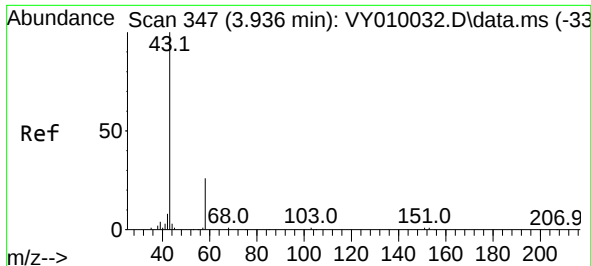
Tgt Ion:168 Resp: 71619
Ion Ratio Lower Upper
168 100
99 52.4 37.7 56.5



#11
Tert butyl alcohol
Concen: 6.318 ug/l
RT: 4.941 min Scan# 512
Delta R.T. -0.007 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Tgt Ion: 59 Resp: 440
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

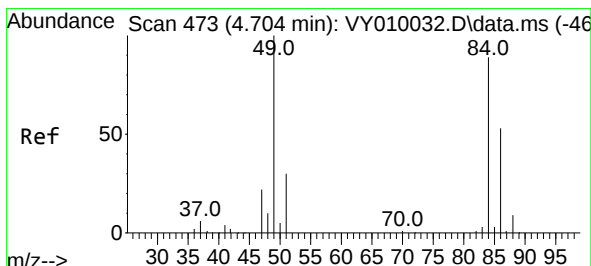
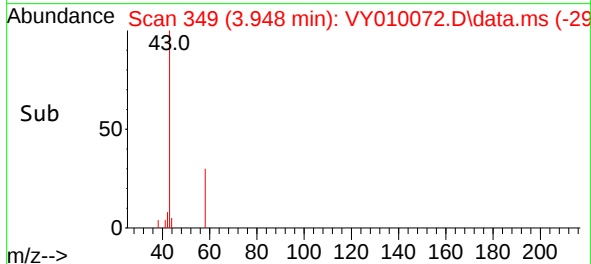
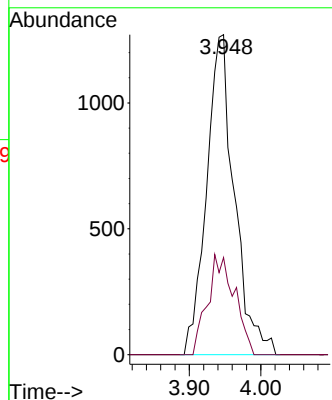
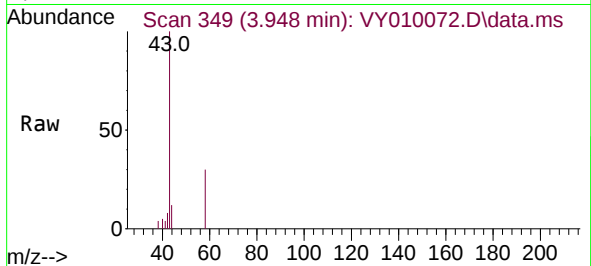




#16
Acetone
Concen: 22.402 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

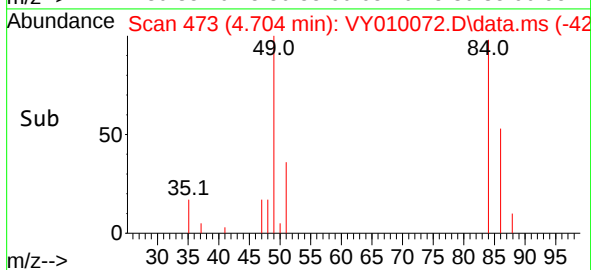
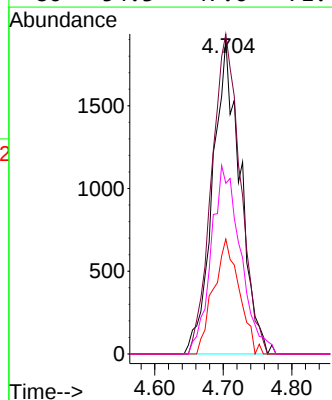
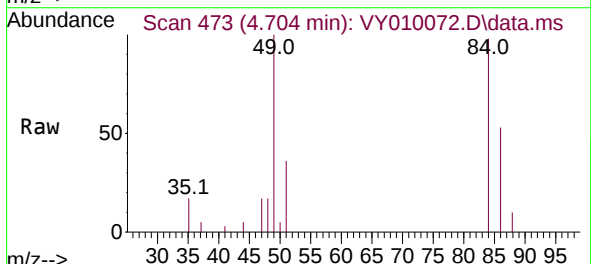
Instrument :
MSVOA_Y
ClientSampleId :
R-70-1

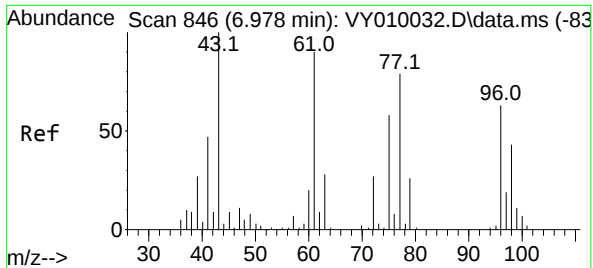
Tgt Ion: 43 Resp: 3436
Ion Ratio Lower Upper
43 100
58 30.4 21.4 32.0



#20
Methylene Chloride
Concen: 4.412 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Tgt Ion: 84 Resp: 5311
Ion Ratio Lower Upper
84 100
49 101.7 89.5 134.3
51 36.5 26.8 40.2
86 54.3 47.6 71.4





#25

2-Butanone

Concen: 10.651 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010072.D

Acq: 17 Aug 2022 16:38

Instrument :

MSVOA_Y

ClientSampleId :

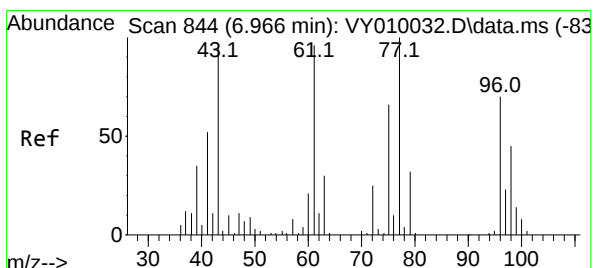
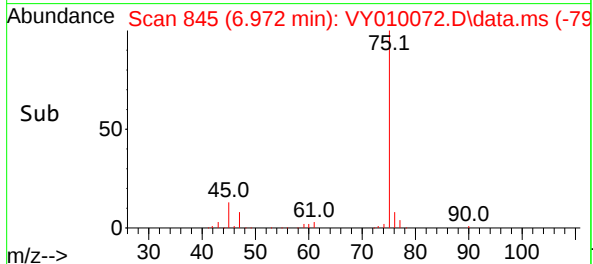
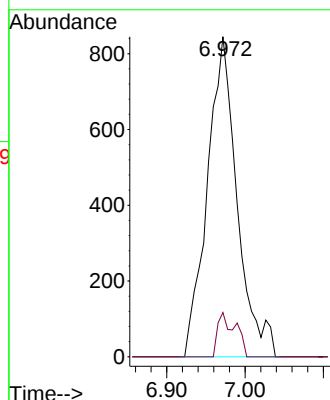
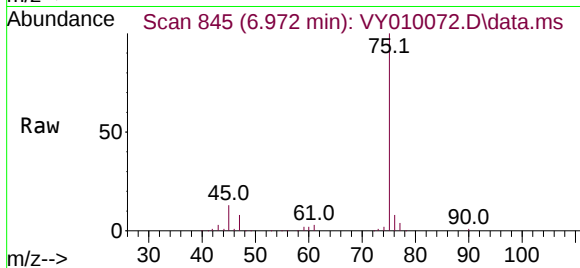
R-70-1

Tgt Ion: 43 Resp: 2235

Ion Ratio Lower Upper

43 100

72 13.8 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 2.736 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010072.D

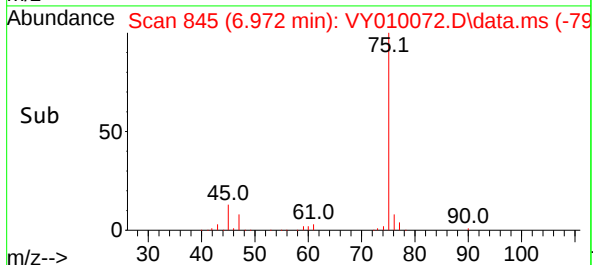
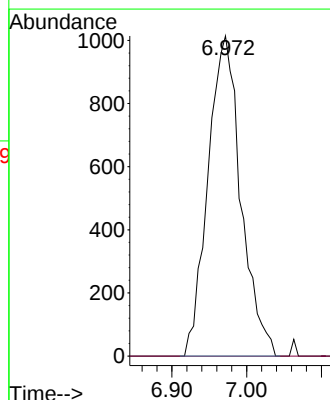
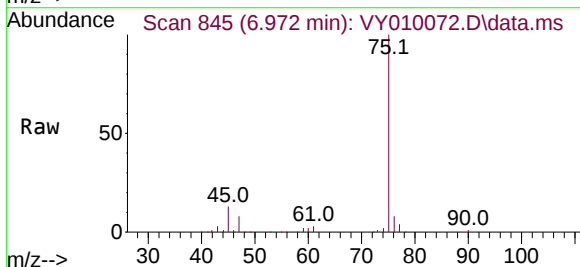
Acq: 17 Aug 2022 16:38

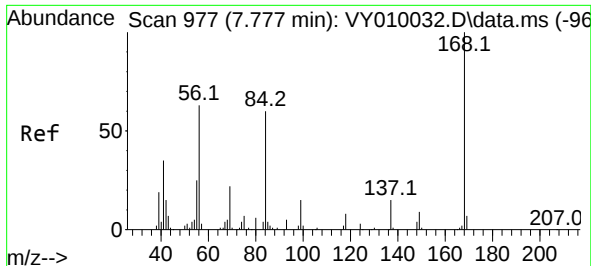
Tgt Ion: 77 Resp: 3100

Ion Ratio Lower Upper

77 100

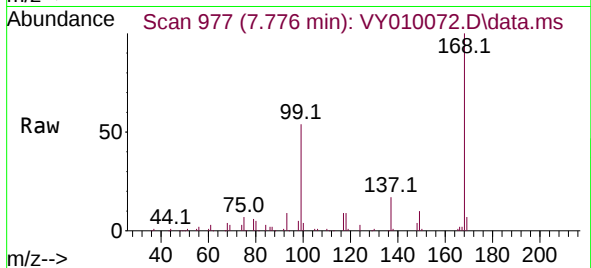
97 0.0 11.2 33.6#



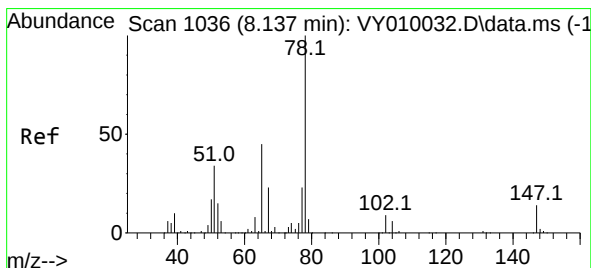
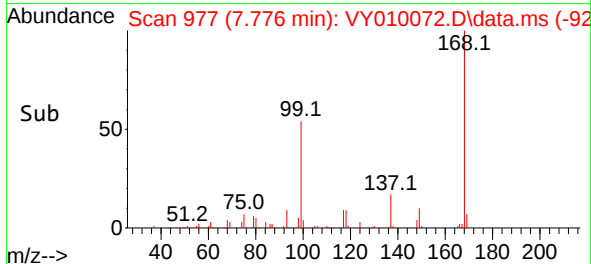
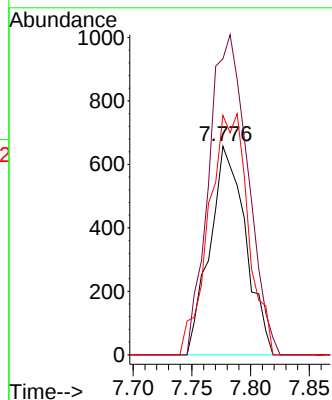


#31
Cyclohexane
Concen: 1.372 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Instrument :
MSVOA_Y
ClientSampleId :
R-70-1

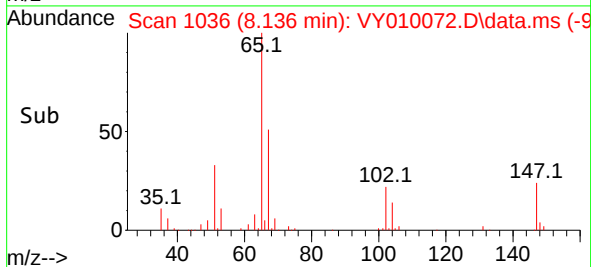
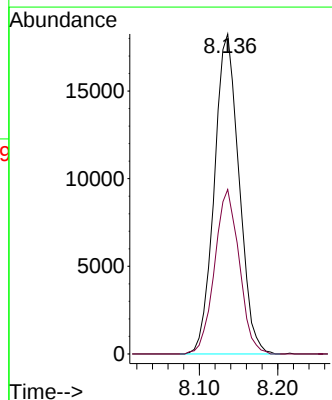
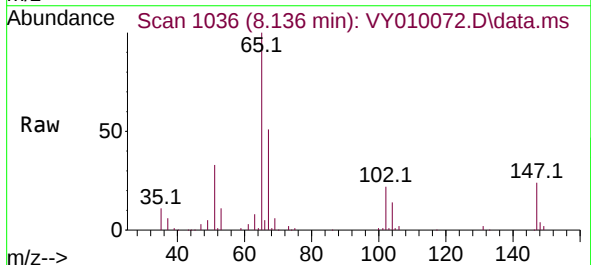


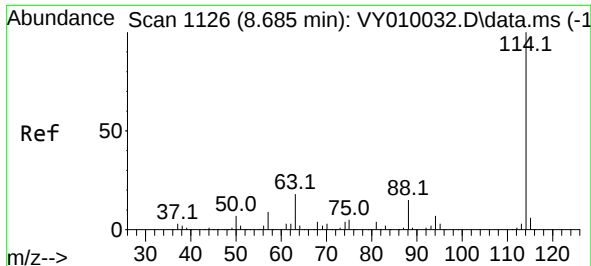
Tgt Ion: 56 Resp: 1388
Ion Ratio Lower Upper
56 100
69 142.0 28.6 43.0#
84 114.9 76.0 114.0#



#33
1,2-Dichloroethane-d4
Concen: 55.885 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Tgt Ion: 65 Resp: 40019
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010072.D

Acq: 17 Aug 2022 16:38

Instrument :

MSVOA_Y

ClientSampleId :

R-70-1

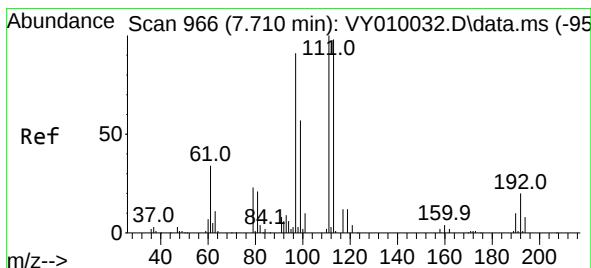
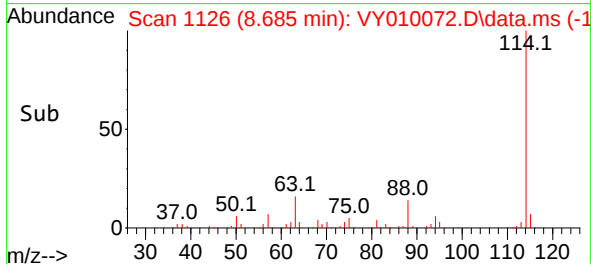
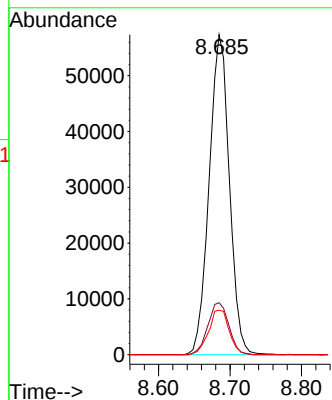
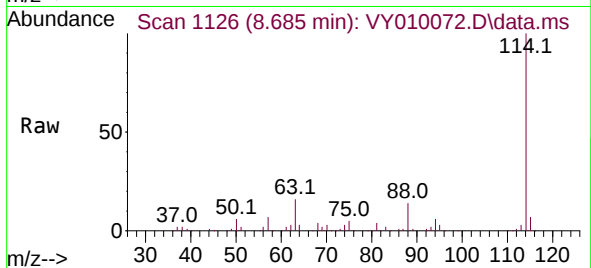
Tgt Ion:114 Resp: 112404

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.2

88 13.9 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.107 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010072.D

Acq: 17 Aug 2022 16:38

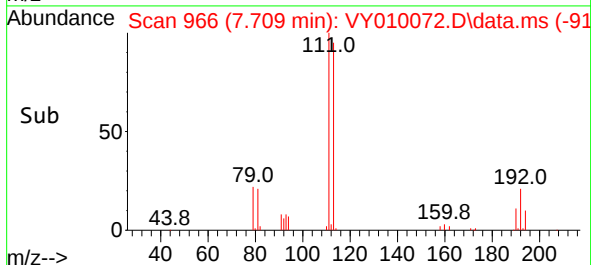
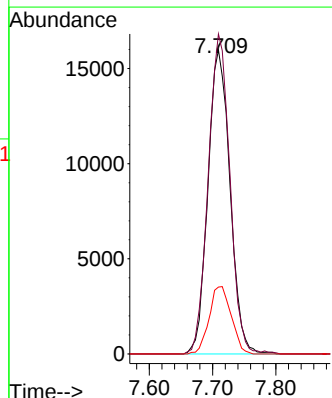
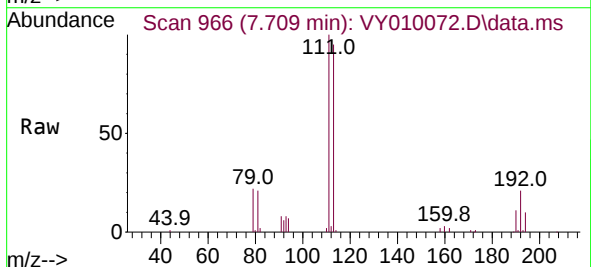
Tgt Ion:113 Resp: 38712

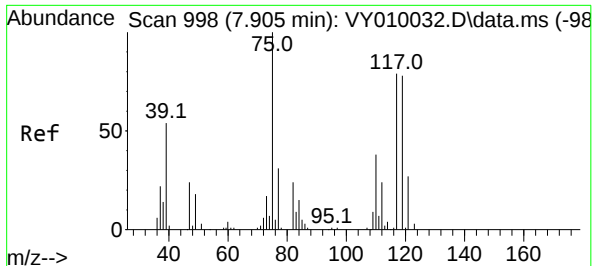
Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

192 22.2 17.2 25.8

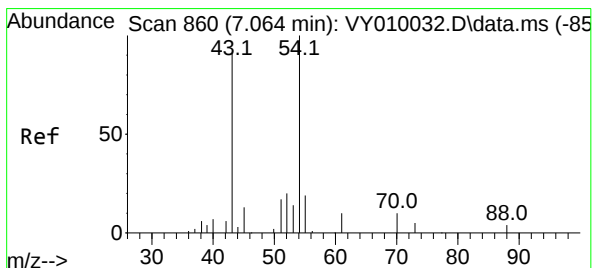
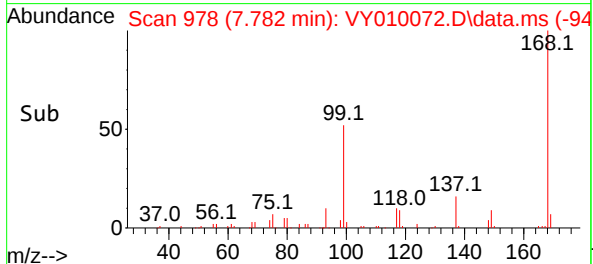
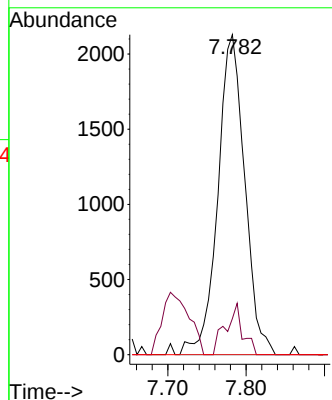
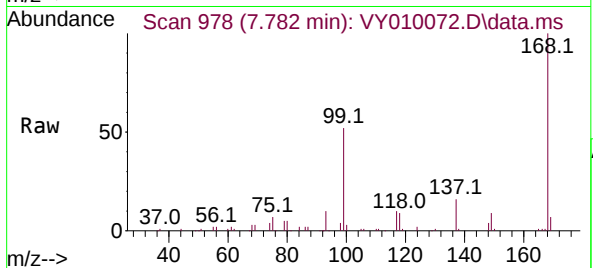




#36
1,1-Dichloropropene
Concen: 5.003 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.123 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

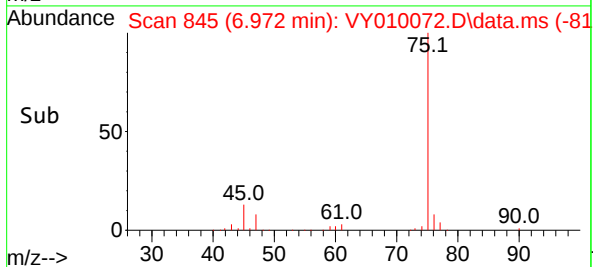
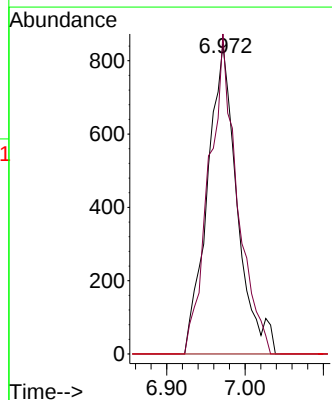
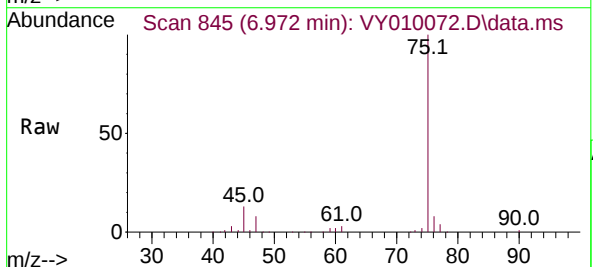
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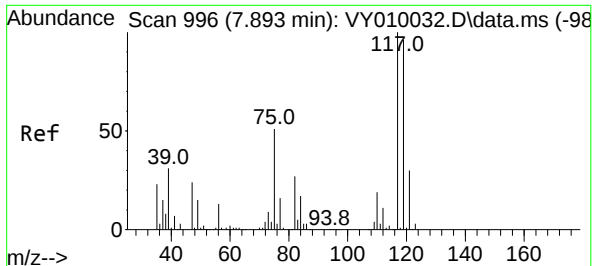
Tgt Ion: 75 Resp: 5080
Ion Ratio Lower Upper
75 100
110 10.1 18.4 55.4#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 4.371 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.092 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

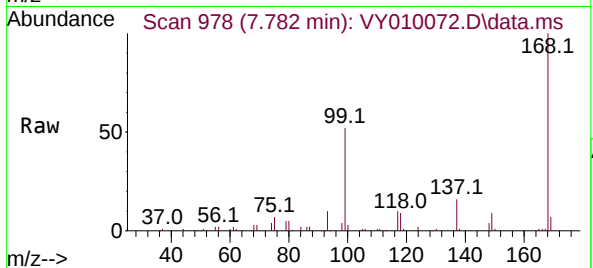
Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
61 98.4 9.6 14.4#
70 0.0 7.9 11.9#



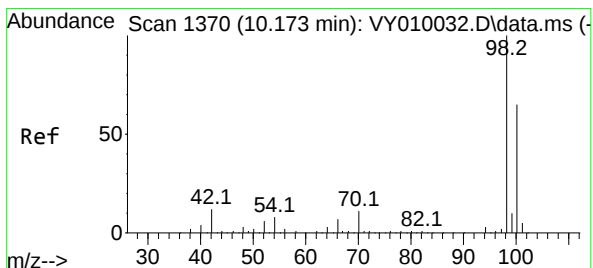
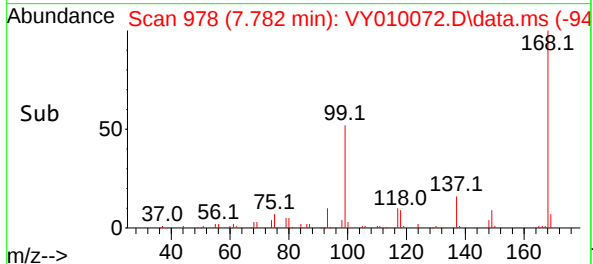
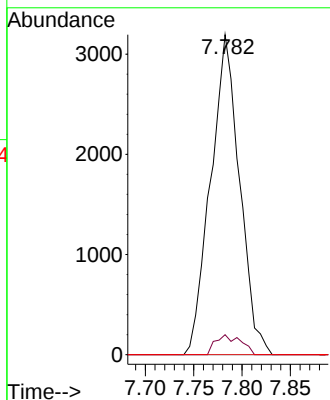


#38
Carbon Tetrachloride
Concen: 5.323 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.111 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Instrument :
MSVOA_Y
ClientSampleId :
R-70-1

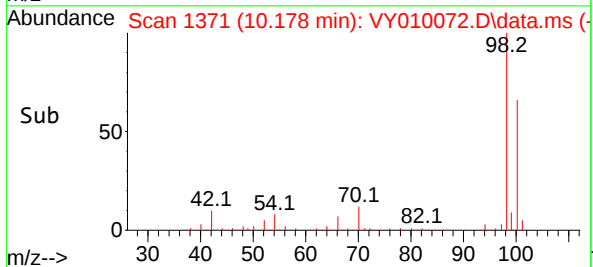
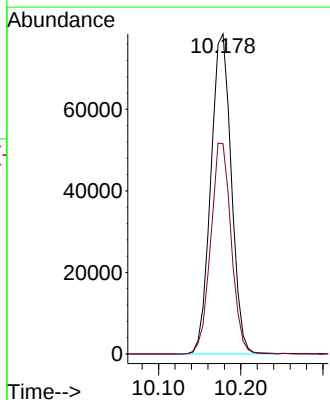
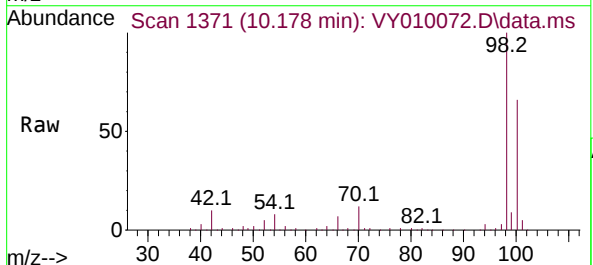


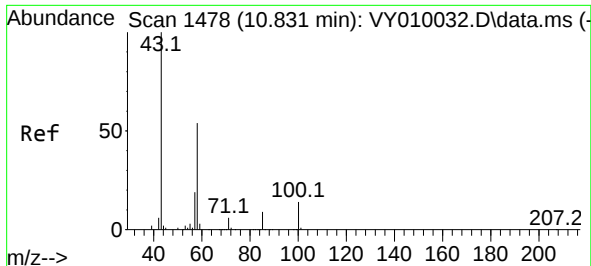
Tgt Ion:117 Resp: 6648
Ion Ratio Lower Upper
117 100
119 6.3 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.405 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.005 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Tgt Ion: 98 Resp: 135936
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

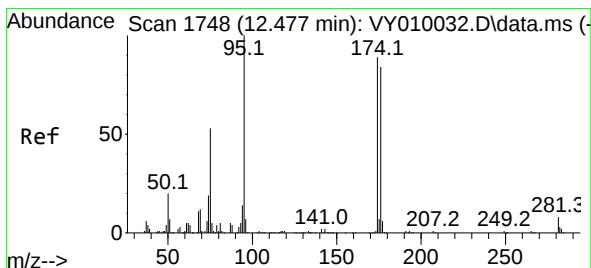
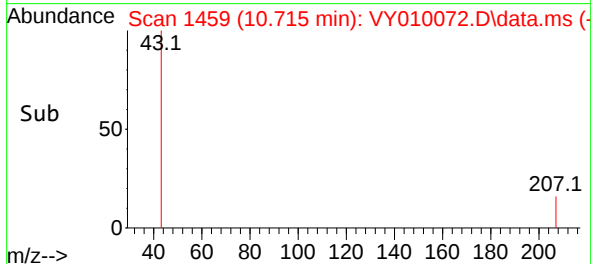
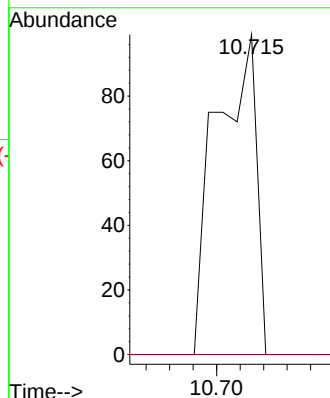
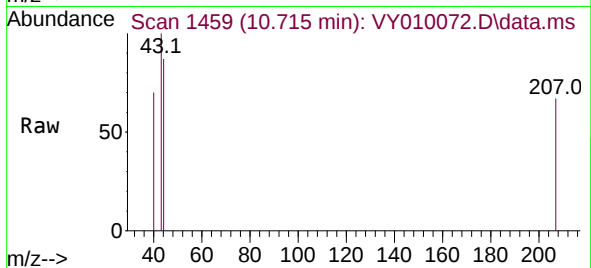




#59
2-Hexanone
Concen: 24.410 ug/l
RT: 10.715 min Scan# 1478
Delta R.T. -0.116 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

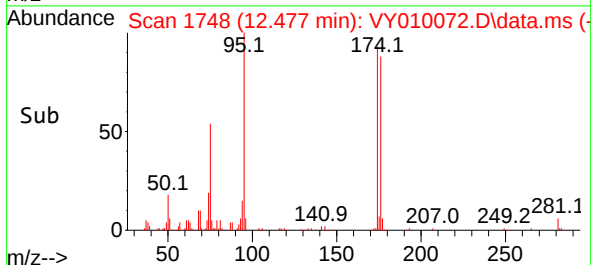
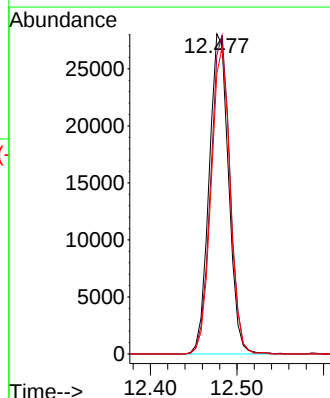
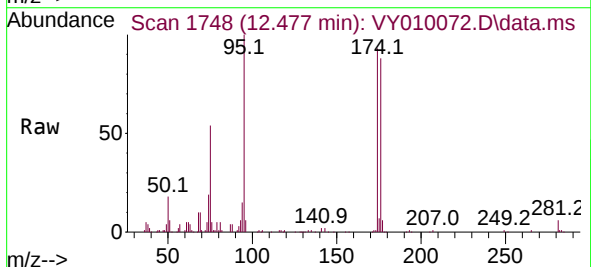
Instrument :
MSVOA_Y
ClientSampleId :
R-70-1

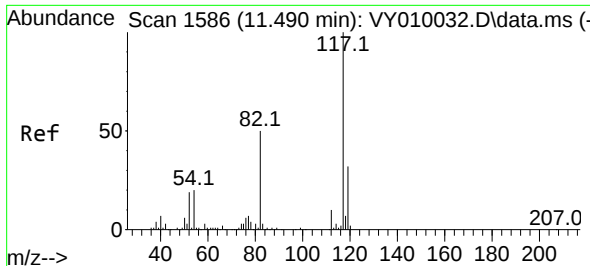
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 46.161 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Tgt Ion: 95 Resp: 43726
Ion Ratio Lower Upper
95 100
174 99.0 0.0 184.2
176 93.4 0.0 178.4

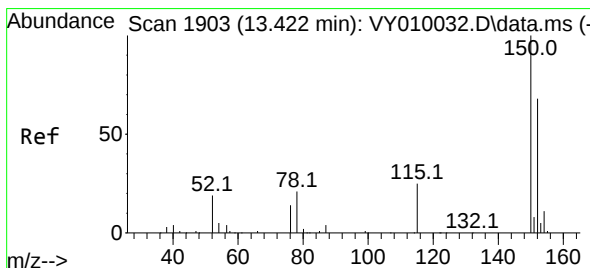
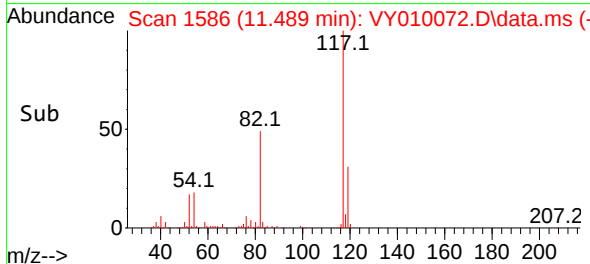
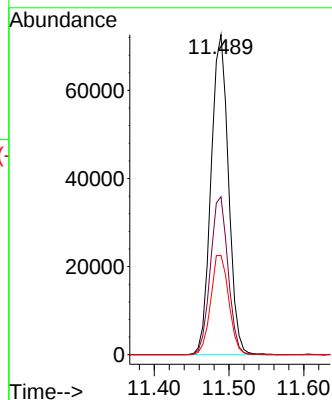
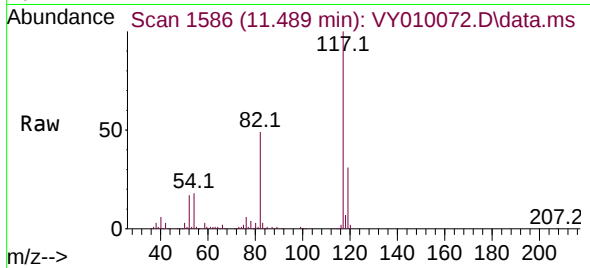




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

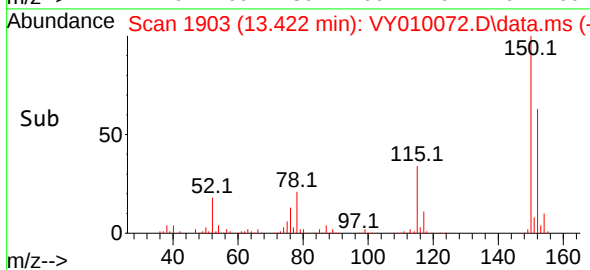
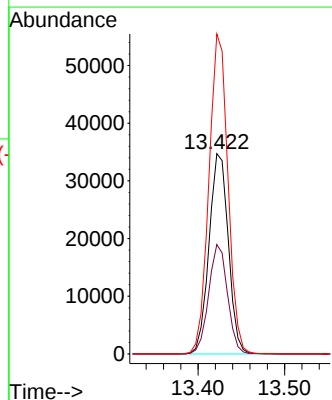
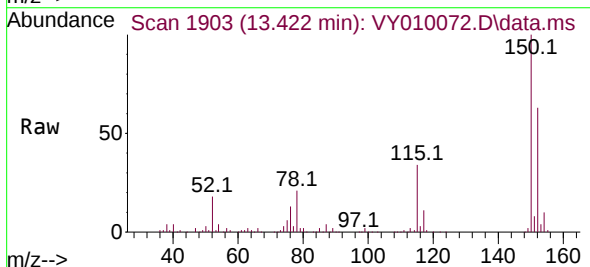
Instrument :
MSVOA_Y
ClientSampleId :
R-70-1

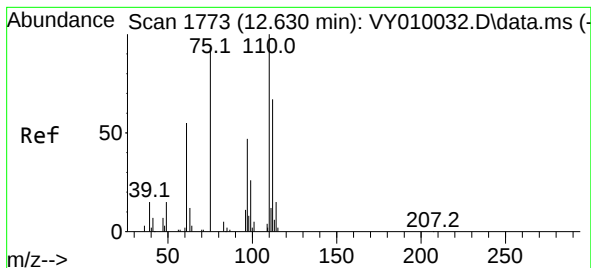
Tgt Ion:117 Resp: 117867
Ion Ratio Lower Upper
117 100
82 49.3 39.8 59.6
119 31.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Tgt Ion:152 Resp: 53740
Ion Ratio Lower Upper
152 100
115 53.4 28.1 84.3
150 157.3 0.0 346.6

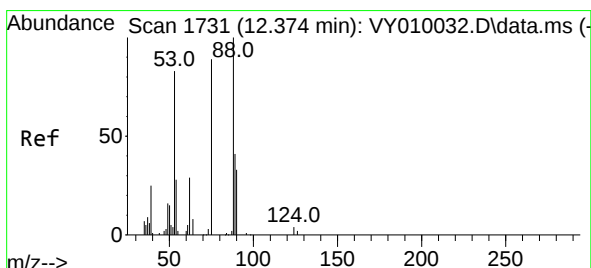
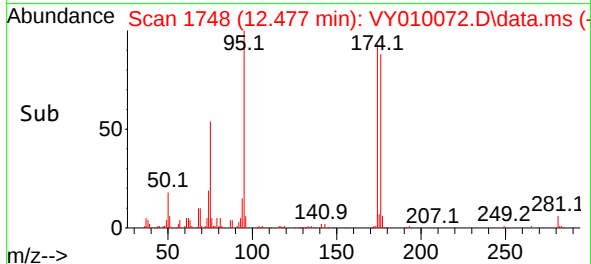
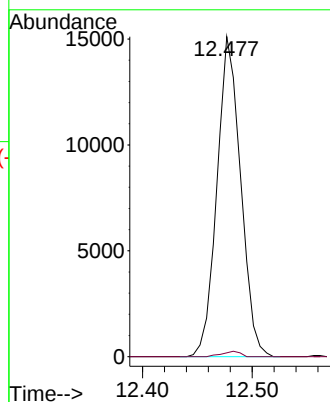
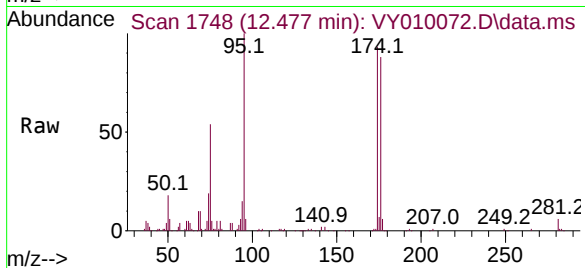




#76
1,2,3-Trichloropropane
Concen: 44.627 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Instrument :
MSVOA_Y
ClientSampleId :
R-70-1

Tgt Ion: 75 Resp: 22733
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.852 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Tgt Ion: 75 Resp: 22733
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 37.8 56.6#

