

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090821\
 Data File : VY005962.D
 Acq On : 08 Sep 2021 13:23
 Operator : SY/MD
 Sample : M3657-04
 Misc : 5.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-72-11944

Quant Time: Sep 09 04:53:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

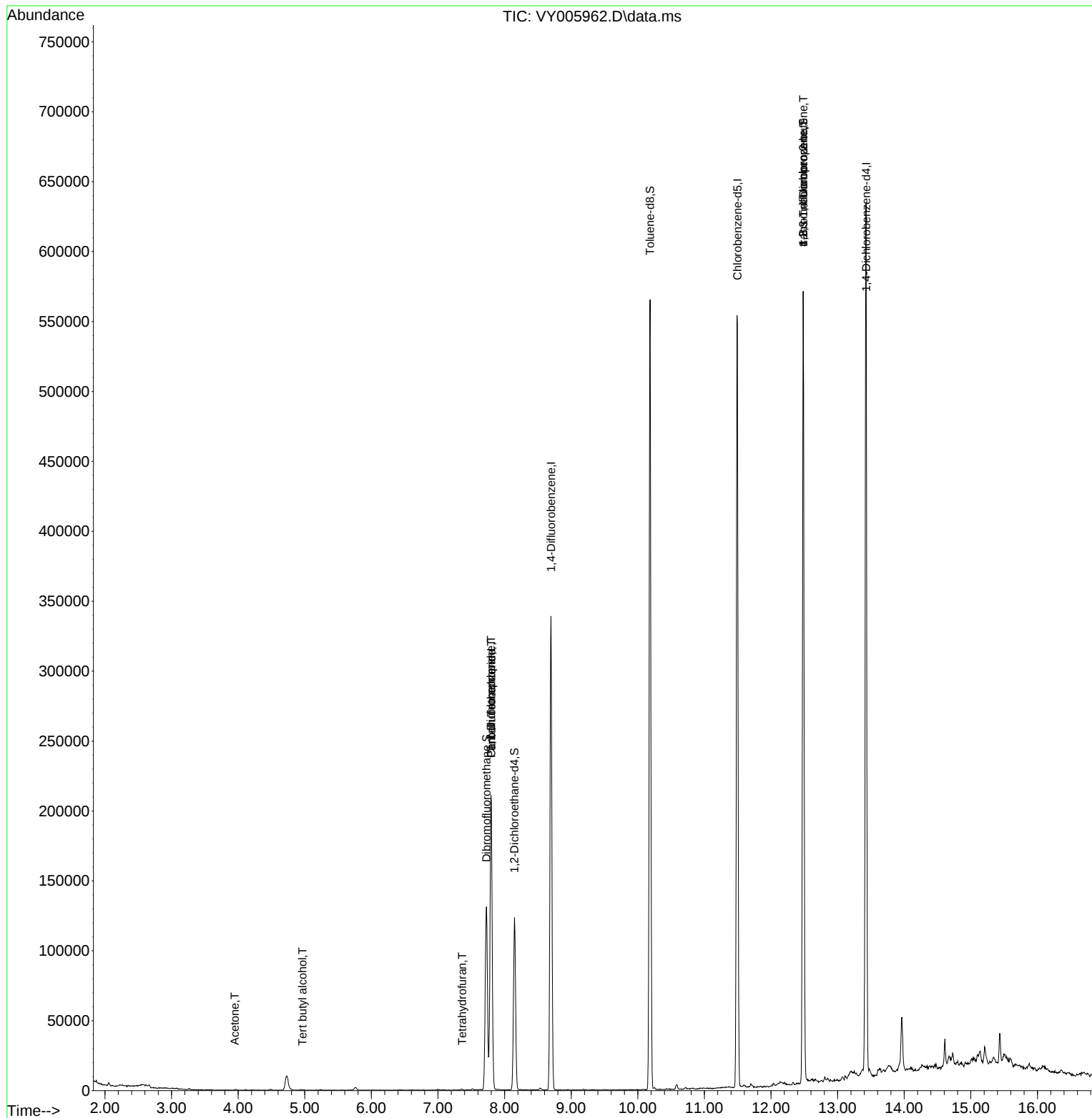
Internal Standards						
1) Pentafluorobenzene	7.801	168	178742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	316864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98096	54.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.920%	
35) Dibromofluoromethane	7.728	113	91847	55.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.240%	
50) Toluene-d8	10.185	98	374401	53.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.060%	
62) 4-Bromofluorobenzene	12.483	95	143544	61.125	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	438	1.237	ug/l #	80
16) Acetone	3.948	43	785	1.709	ug/l	97
20) Methylene Chloride	4.735	84	8598	Below Cal		98
29) Tetrahydrofuran	7.362	42	471	1.120	ug/l #	66
36) 1,1-Dichloropropene	7.795	75	11105	3.975	ug/l #	51
38) Carbon Tetrachloride	7.801	117	15592	5.149	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	73744	46.851	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73744	89.101	ug/l #	14

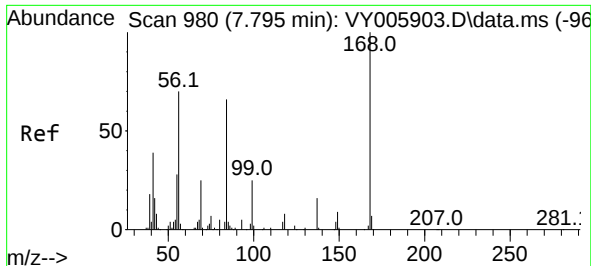
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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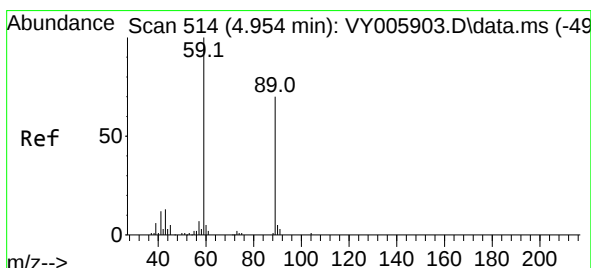
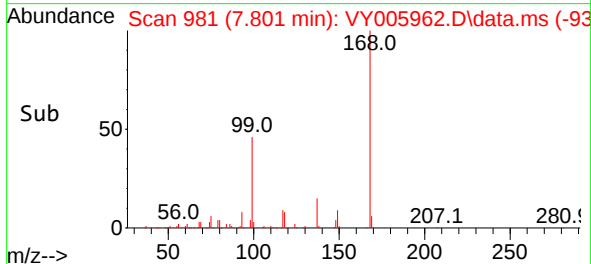
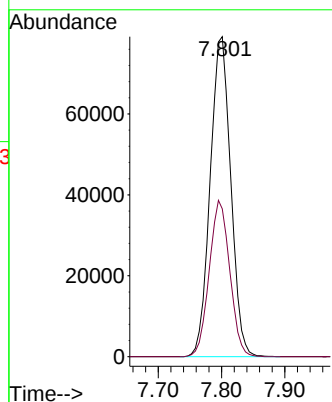
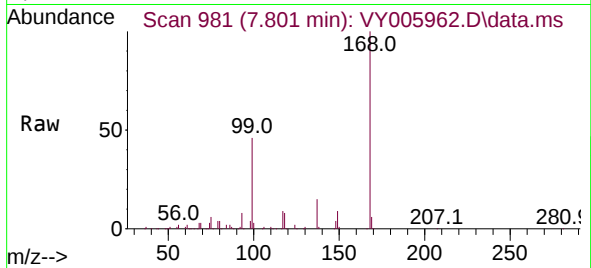




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005962.D
Acq: 08 Sep 2021 13:23

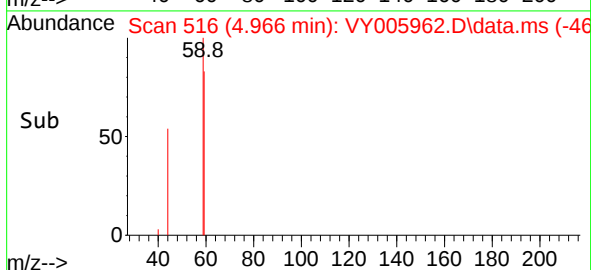
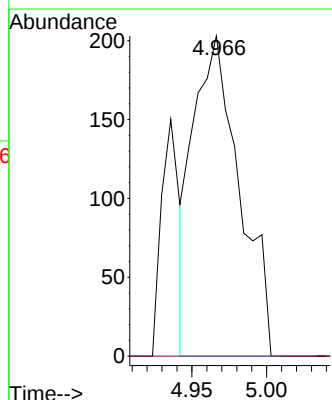
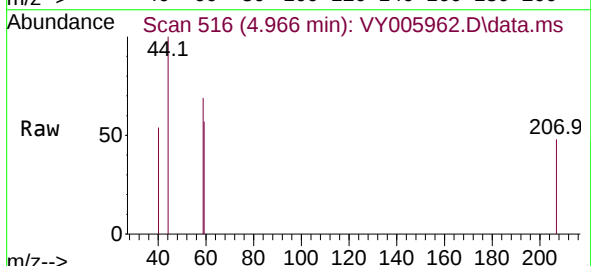
Instrument :
MSVOA_Y
ClientSampleId :
RO-72-11944

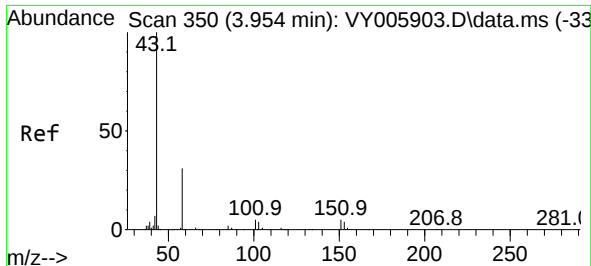
Tgt Ion:168 Resp: 178742
Ion Ratio Lower Upper
168 100
99 46.2 40.6 60.8



#11
Tert butyl alcohol
Concen: 1.237 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY005962.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 59 Resp: 438
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

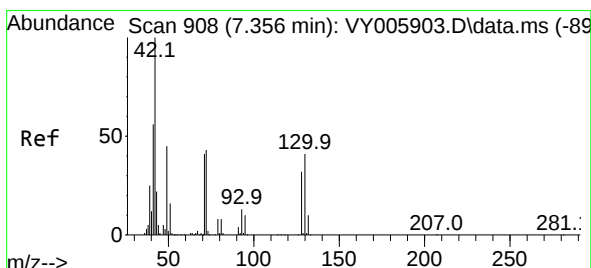
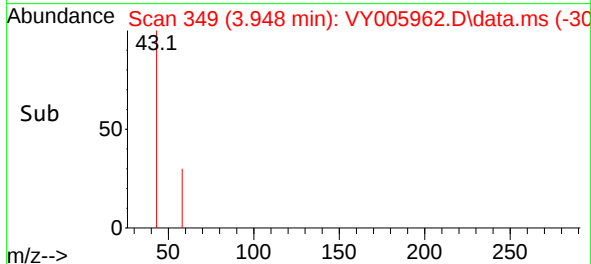
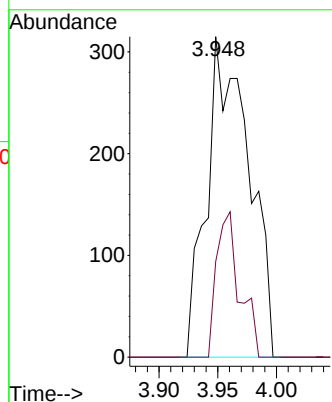
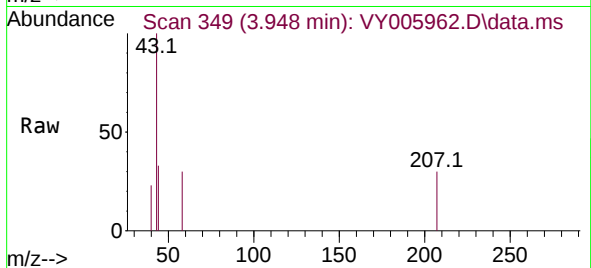




#16
Acetone
Concen: 1.709 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY005962.D
Acq: 08 Sep 2021 13:23

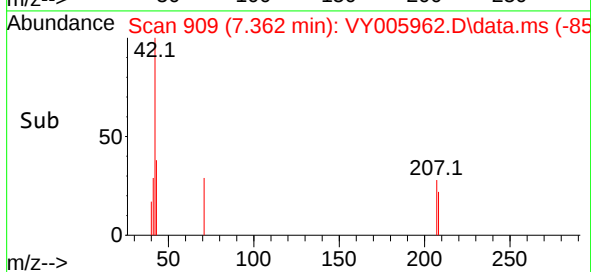
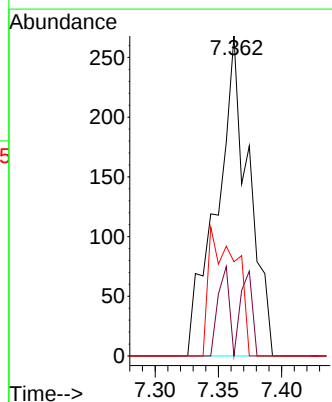
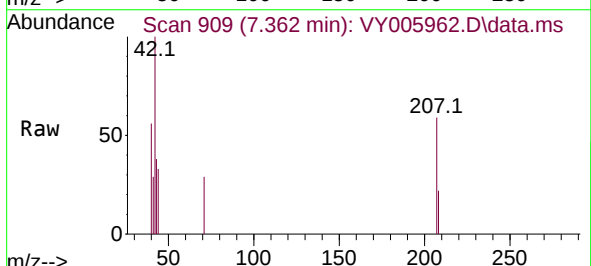
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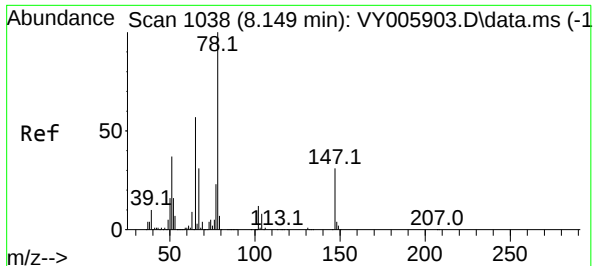
Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 29.8 25.1 37.7



#29
Tetrahydrofuran
Concen: 1.120 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY005962.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 42 Resp: 471
Ion Ratio Lower Upper
42 100
72 9.8 36.1 54.1#
71 34.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 54.461 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY005962.D

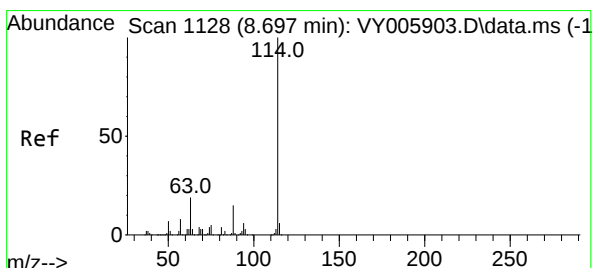
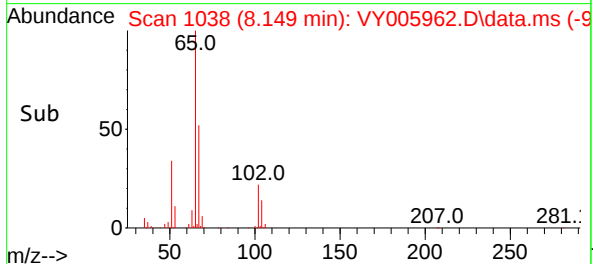
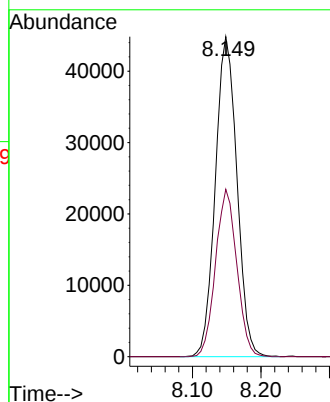
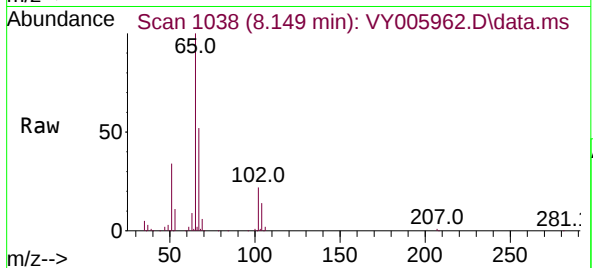
Acq: 08 Sep 2021 13:23

Tgt Ion: 65 Resp: 98096

Ion Ratio Lower Upper

65 100

67 51.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY005962.D

Acq: 08 Sep 2021 13:23

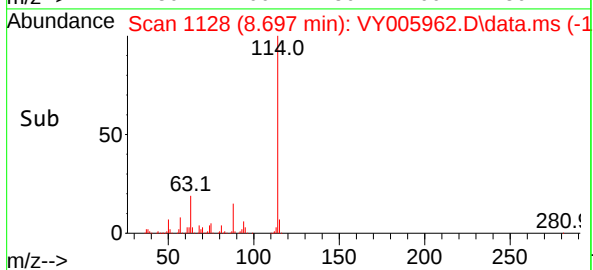
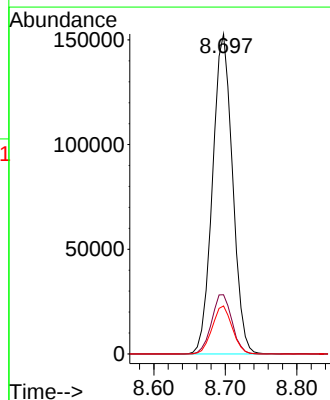
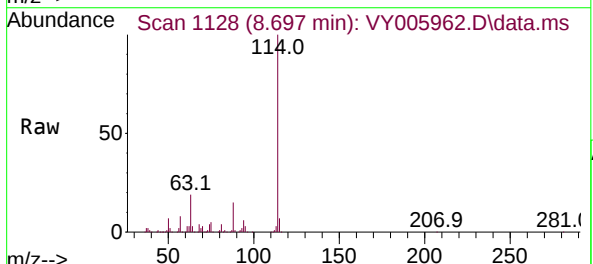
Tgt Ion: 114 Resp: 296733

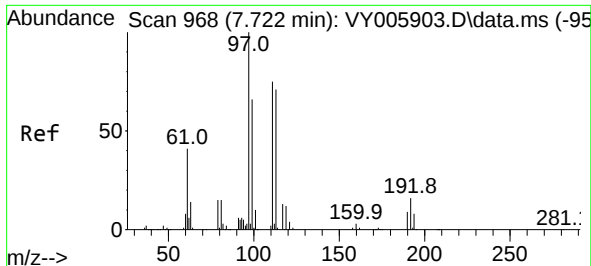
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 15.0 0.0 30.0

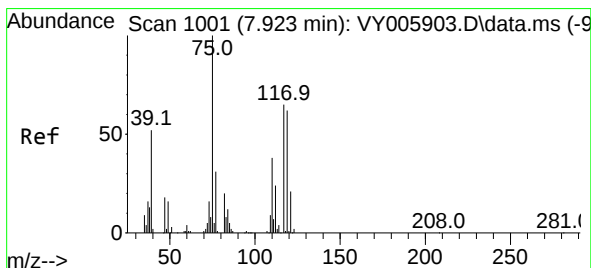
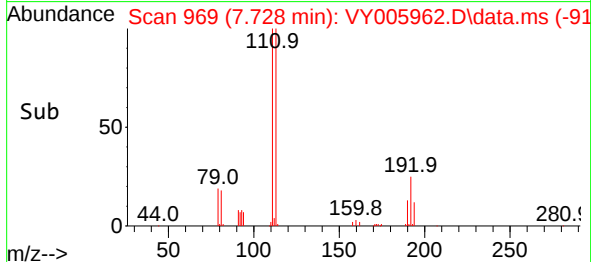
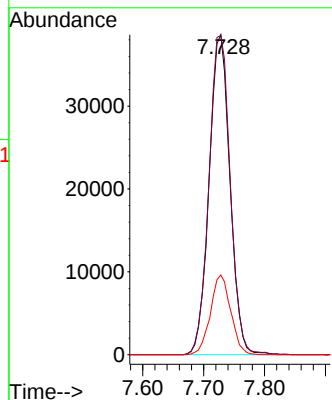
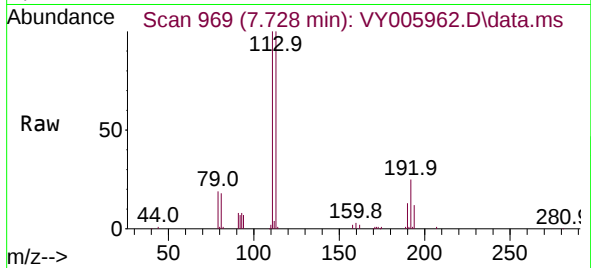




#35
Dibromofluoromethane
Concen: 55.116 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005962.D
Acq: 08 Sep 2021 13:23

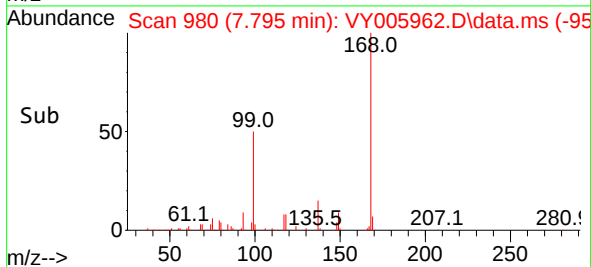
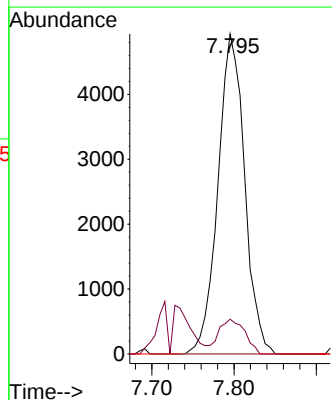
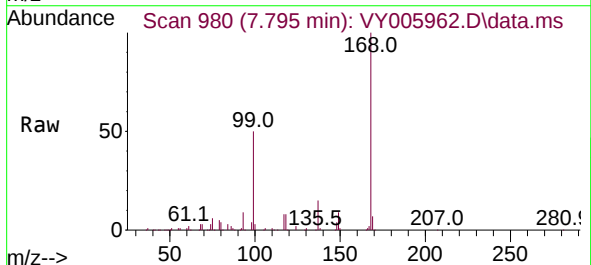
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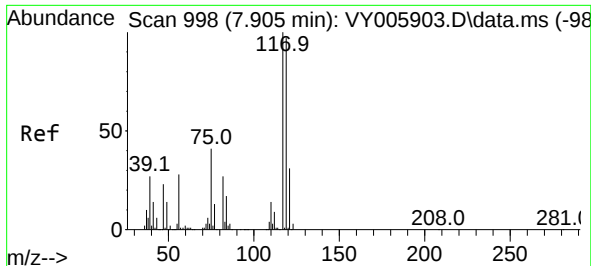
Tgt Ion:113 Resp: 91847
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 24.2 19.4 29.0



#36
1,1-Dichloropropene
Concen: 3.975 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005962.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 75 Resp: 11105
Ion Ratio Lower Upper
75 100
110 10.9 18.1 54.3#
77 0.0 24.9 37.3#

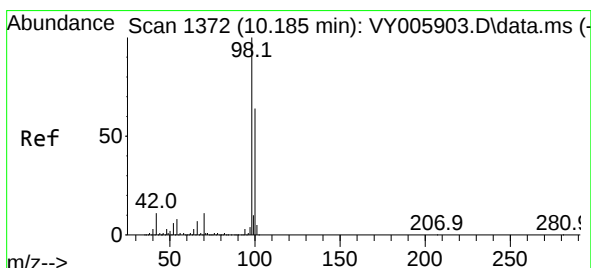
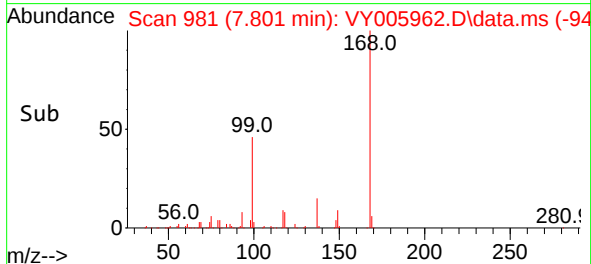
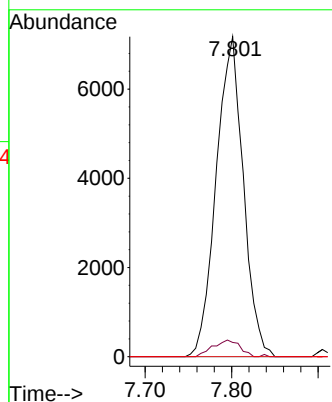
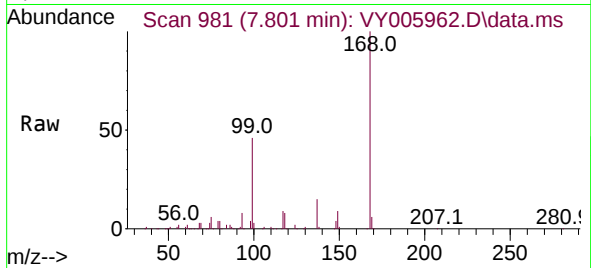




#38
Carbon Tetrachloride
Concen: 5.149 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY005962.D
Acq: 08 Sep 2021 13:23

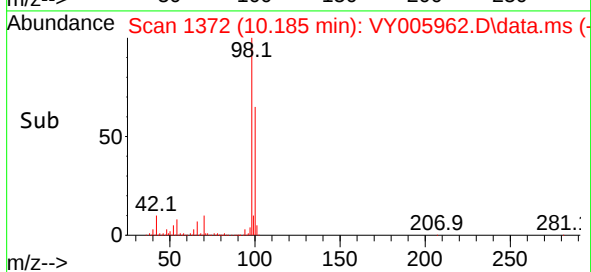
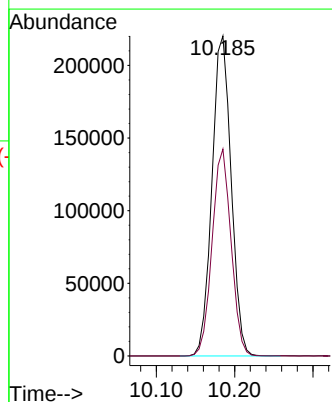
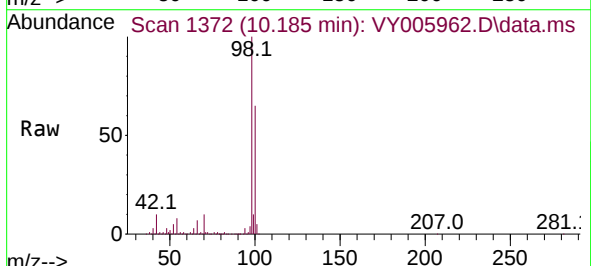
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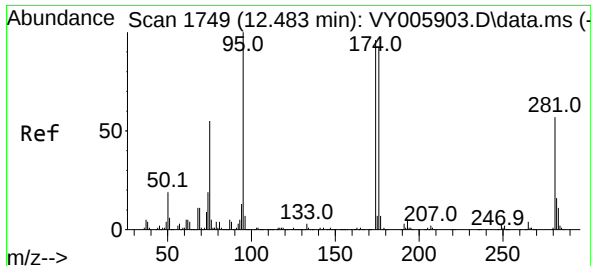
Tgt Ion:117 Resp: 15592
Ion Ratio Lower Upper
117 100
119 4.4 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 53.533 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005962.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 98 Resp: 374401
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

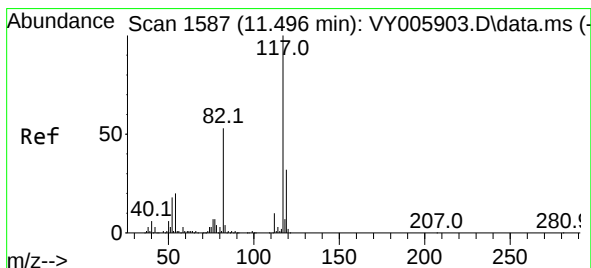
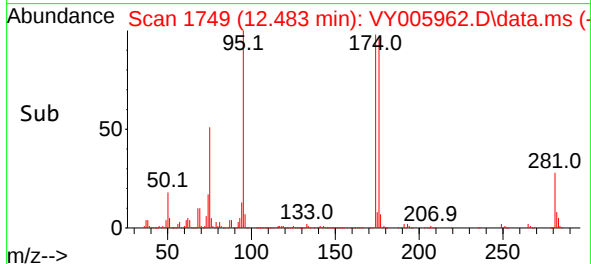
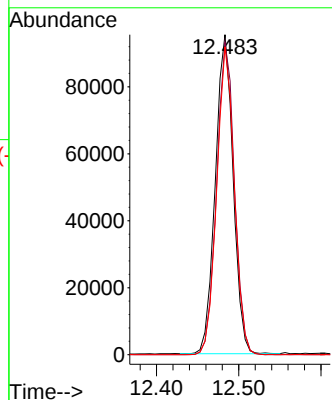
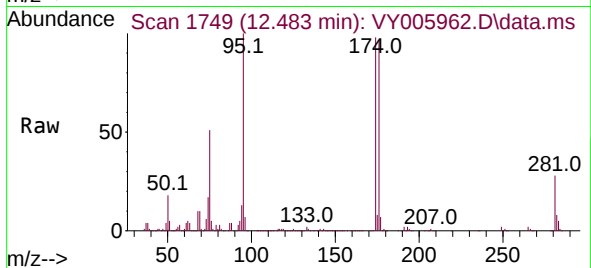




#62
4-Bromofluorobenzene
Concen: 61.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005962.D
Acq: 08 Sep 2021 13:23

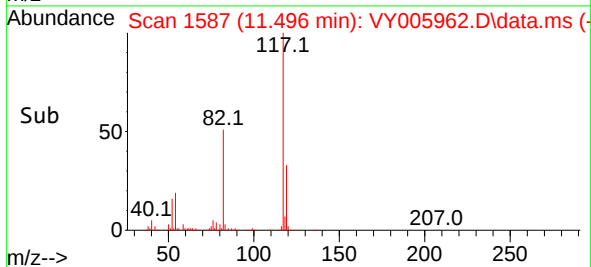
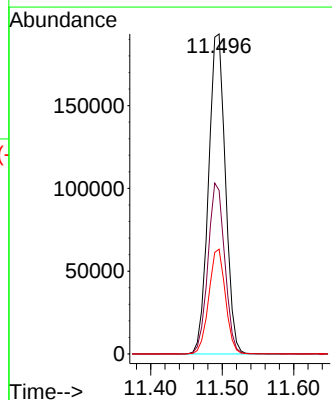
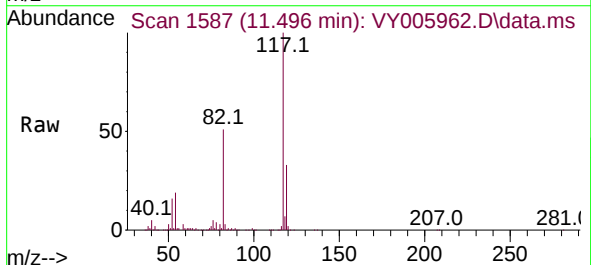
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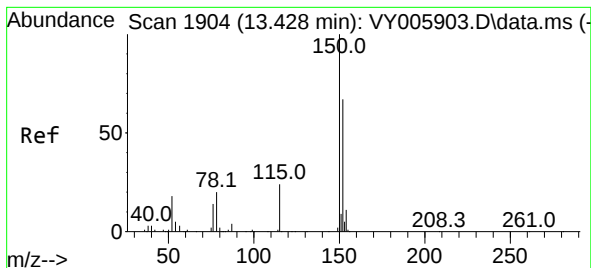
Tgt Ion: 95 Resp: 143544
Ion Ratio Lower Upper
95 100
174 97.9 0.0 192.4
176 94.8 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005962.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 117 Resp: 316864
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY005962.D

Acq: 08 Sep 2021 13:23

Tgt Ion:152 Resp: 168168

Ion Ratio Lower Upper

152 100

115 54.8 26.8 80.4

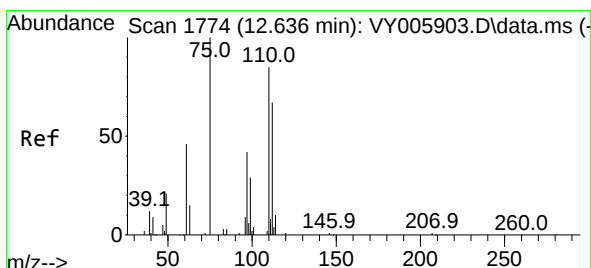
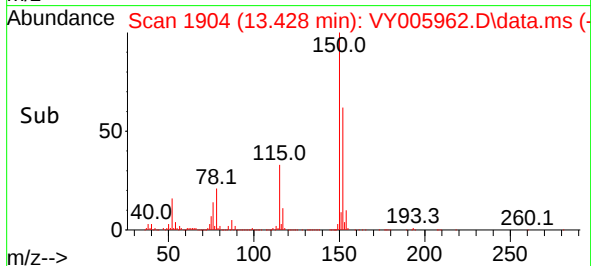
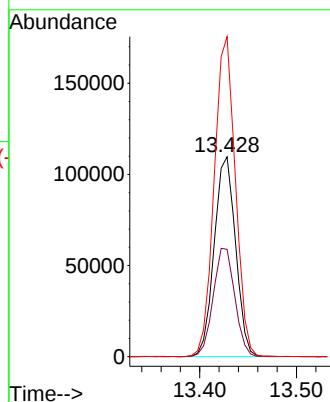
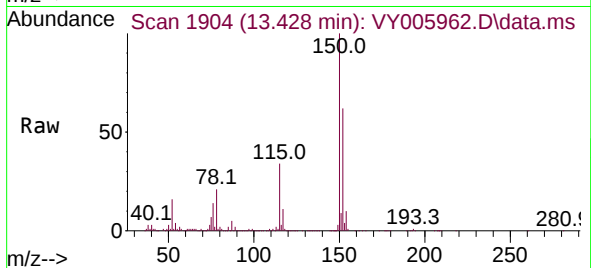
150 158.4 0.0 345.6

Instrument :

MSVOA_Y

ClientSampleId :

RO-72-11944



#76

1,2,3-Trichloropropane

Concen: 46.851 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY005962.D

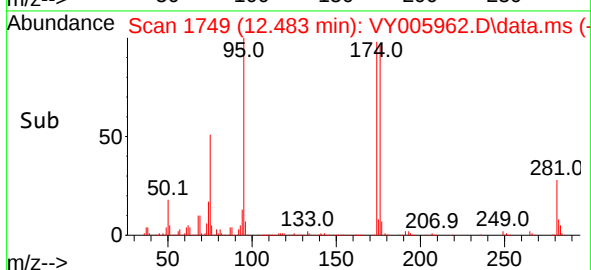
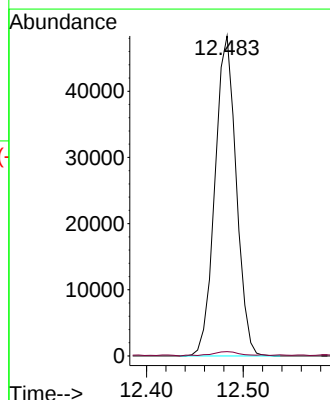
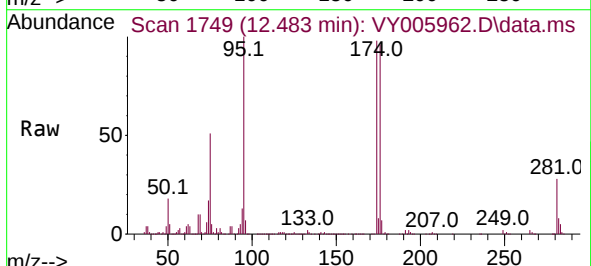
Acq: 08 Sep 2021 13:23

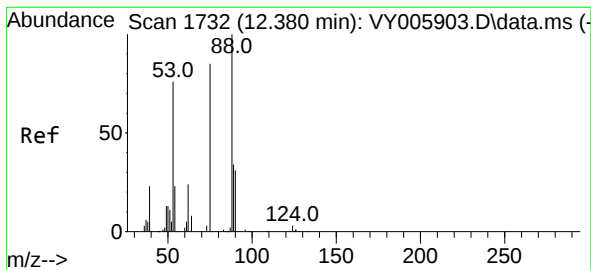
Tgt Ion: 75 Resp: 73744

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.101 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005962.D
 Acq: 08 Sep 2021 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-72-11944

Tgt Ion: 75 Resp: 73744
 Ion Ratio Lower Upper
 75 100
 53 0.3 71.8 107.8#
 89 0.5 35.8 53.6#

