

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008929.D
 Acq On : 21 May 2022 02:02
 Operator : KP/MD
 Sample : N2916-03
 Misc : 6.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-1

Quant Time: May 21 02:49:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

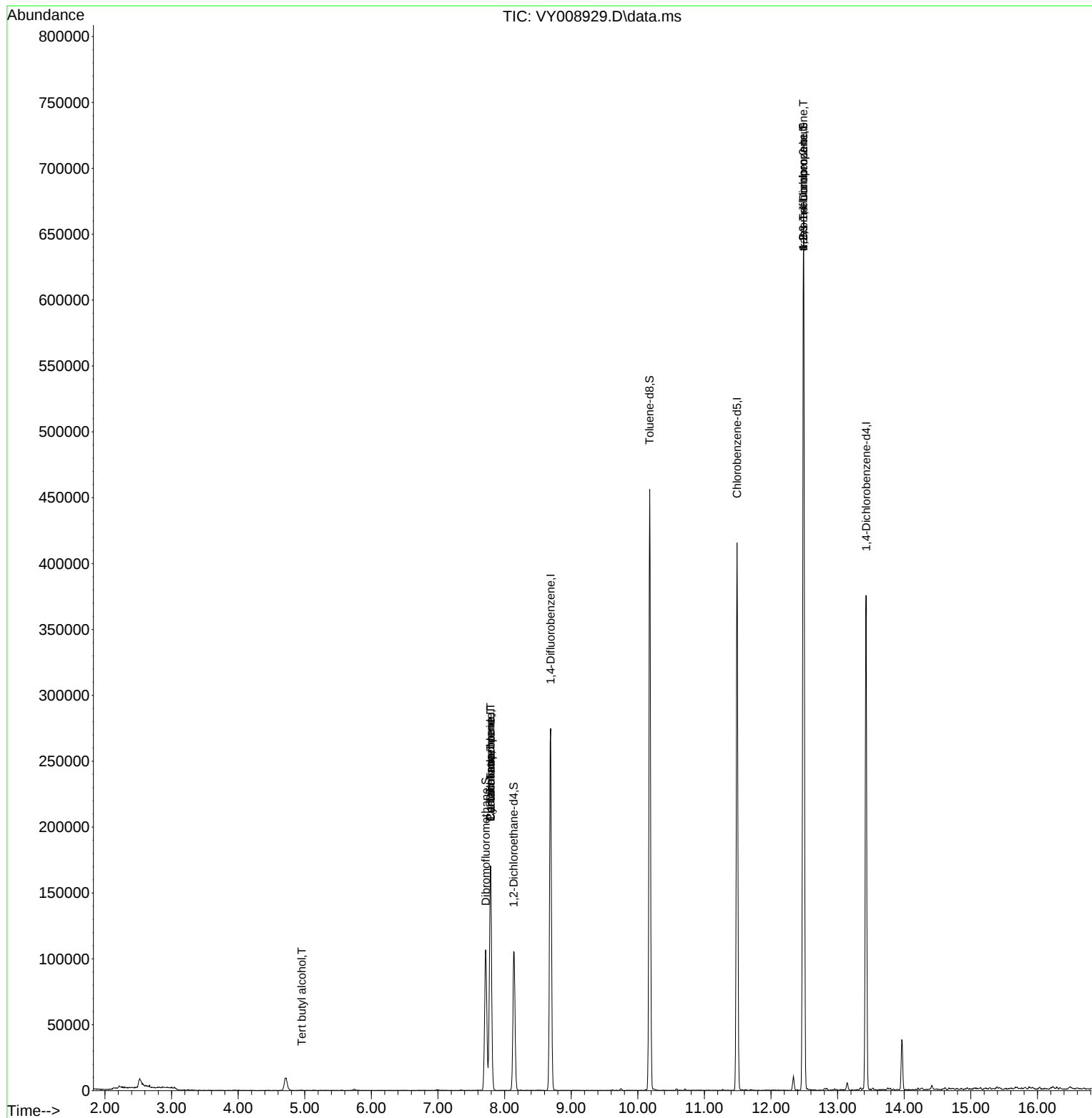
Internal Standards						
1) Pentafluorobenzene	7.789	168	133398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79258	57.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.460%	
35) Dibromofluoromethane	7.716	113	71741	50.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.220%	
50) Toluene-d8	10.179	98	286938	54.332	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.660%	
62) 4-Bromofluorobenzene	12.483	95	90758	42.602	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	211	1.515	ug/l #	77
20) Methylene Chloride	4.716	84	7434	Below Cal	#	80
31) Cyclohexane	7.789	56	2815	1.048	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	10777	4.424	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13474	5.287	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	54569	54.416	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54569	111.688	ug/l #	8

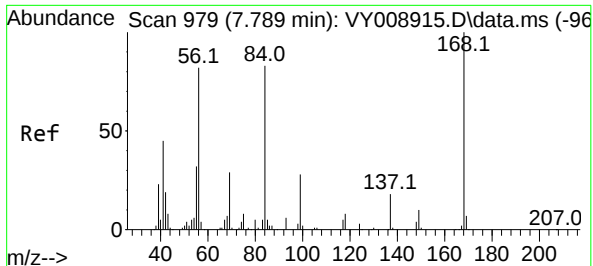
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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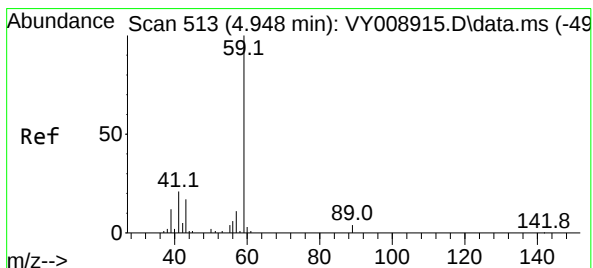
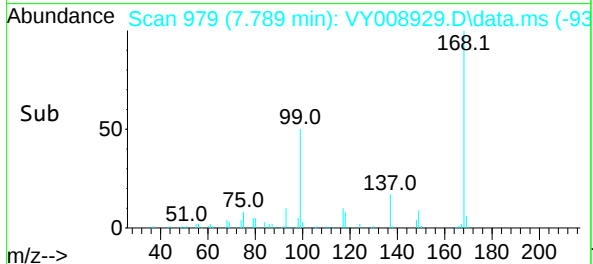
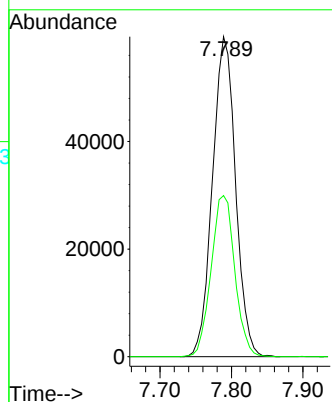
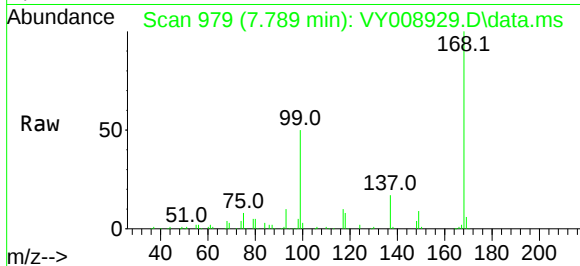




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008929.D
Acq: 21 May 2022 02:02

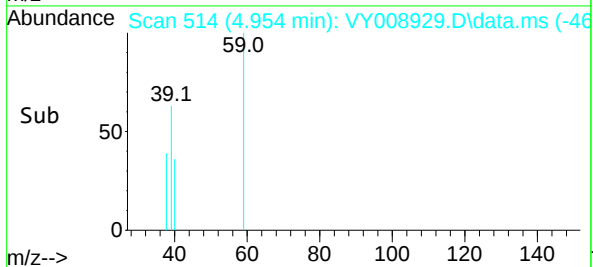
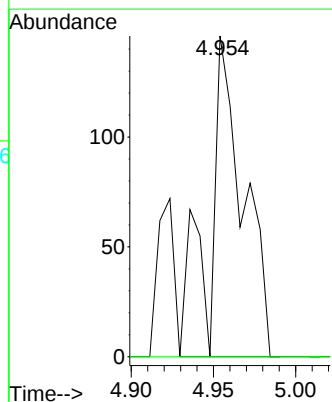
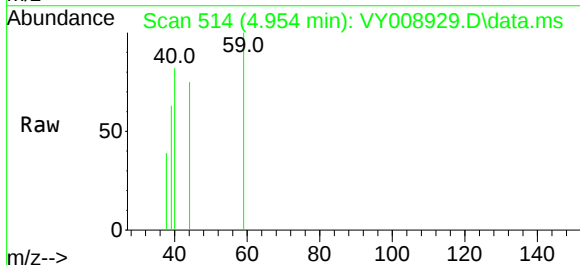
Instrument :
MSVOA_Y
ClientSampleId :
PP-1

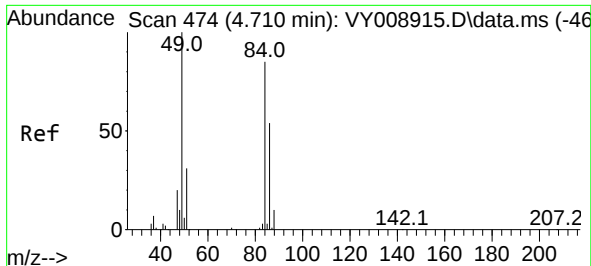
Tgt Ion:168 Resp: 133398
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.515 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008929.D
Acq: 21 May 2022 02:02

Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

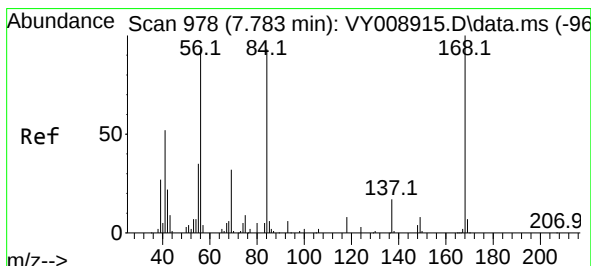
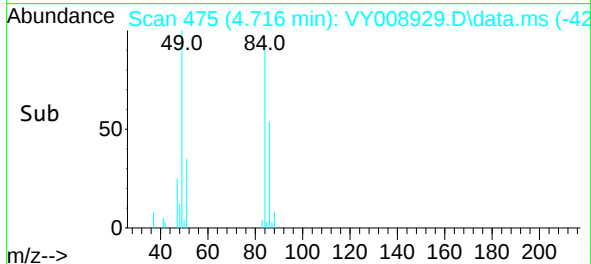
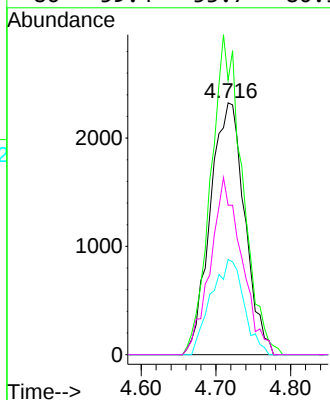
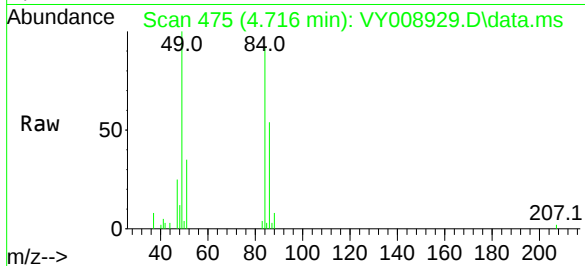




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008929.D
Acq: 21 May 2022 02:02

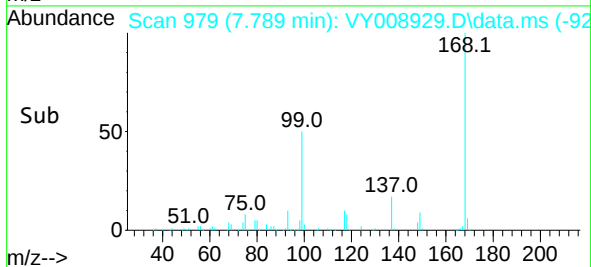
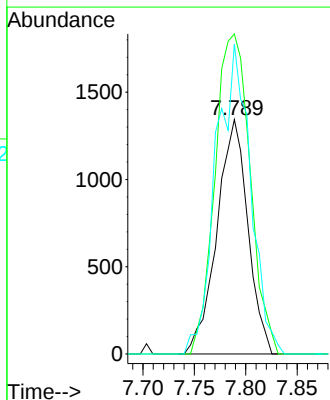
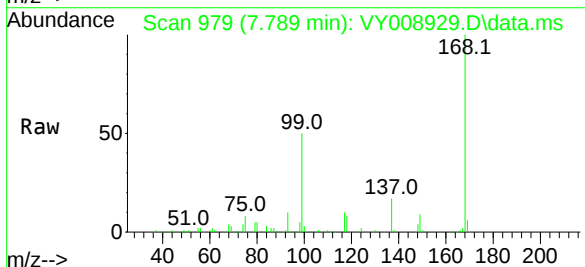
Instrument :
MSVOA_Y
ClientSampleId :
PP-1

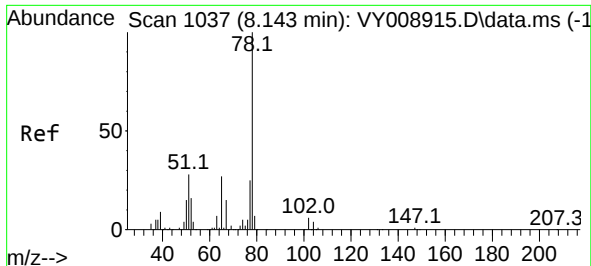
Tgt Ion: 84 Resp: 7434
Ion Ratio Lower Upper
84 100
49 109.0 114.4 171.6#
51 37.8 35.3 52.9
86 59.4 53.7 80.5



#31
Cyclohexane
Concen: 1.048 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008929.D
Acq: 21 May 2022 02:02

Tgt Ion: 56 Resp: 2815
Ion Ratio Lower Upper
56 100
69 136.6 26.7 40.1#
84 132.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.730 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY008929.D

Acq: 21 May 2022 02:02

Instrument :

MSVOA_Y

ClientSampleId :

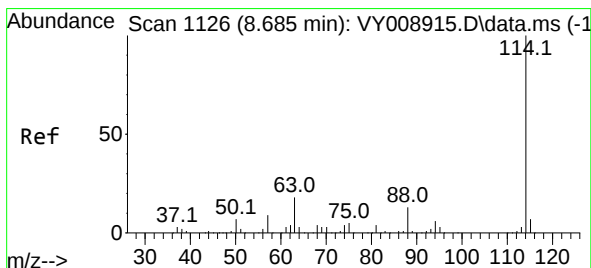
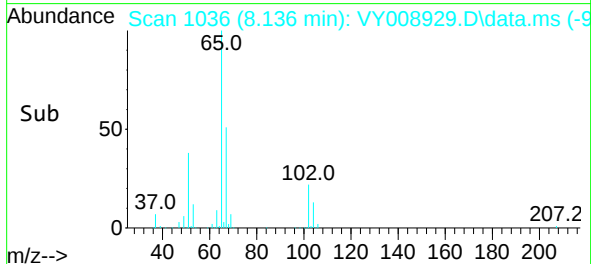
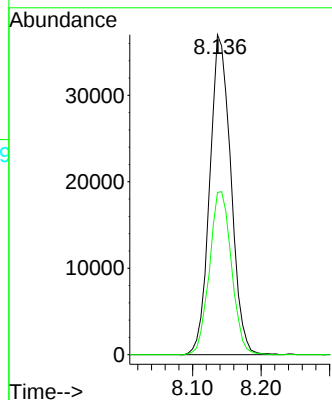
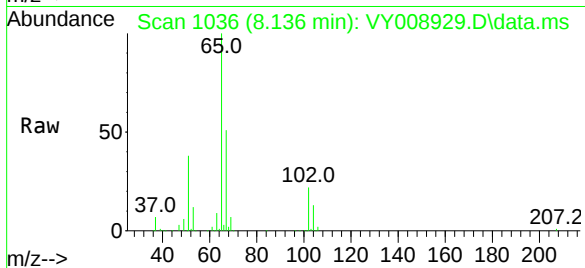
PP-1

Tgt Ion: 65 Resp: 79258

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008929.D

Acq: 21 May 2022 02:02

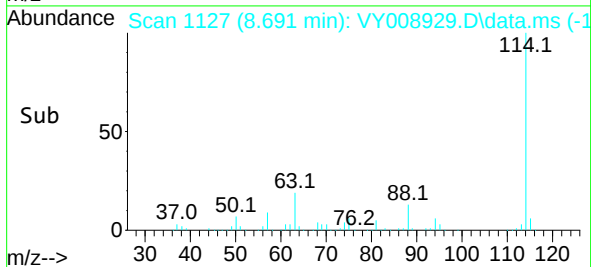
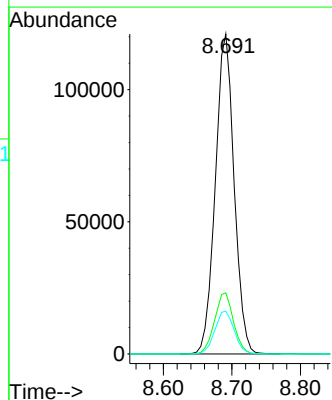
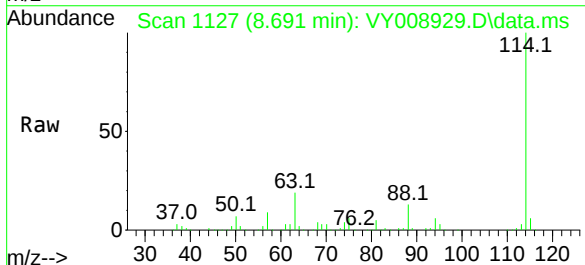
Tgt Ion: 114 Resp: 230210

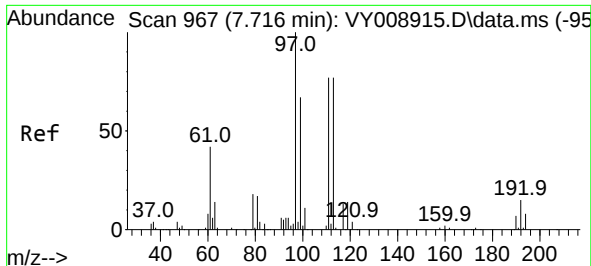
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.4 0.0 31.8

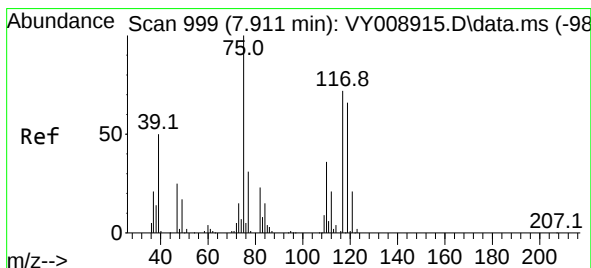
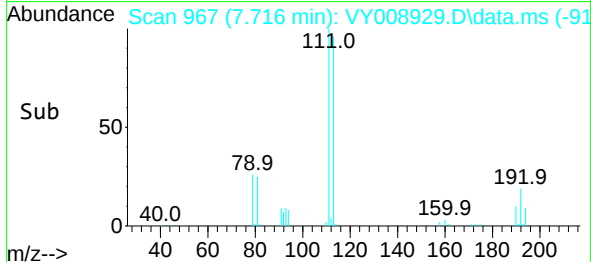
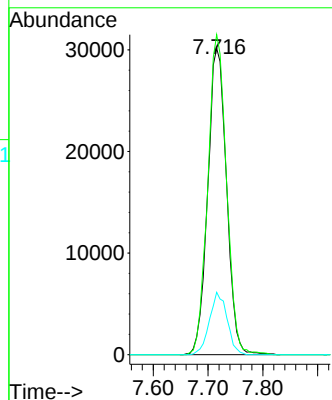
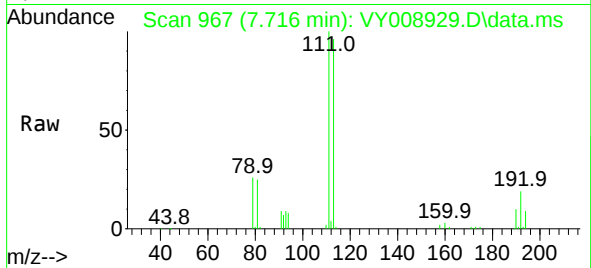




#35
Dibromofluoromethane
Concen: 50.115 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008929.D
Acq: 21 May 2022 02:02

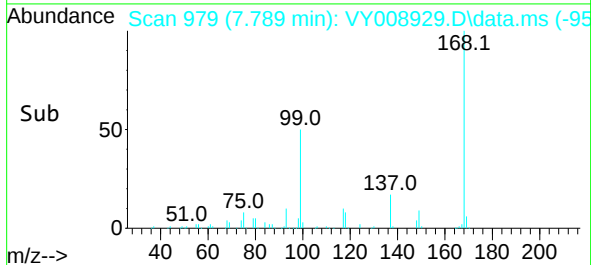
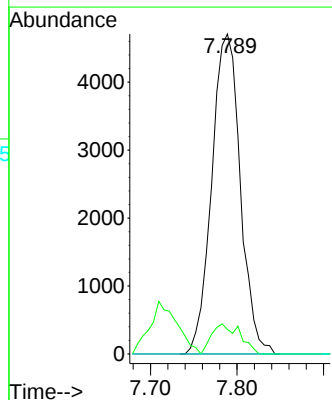
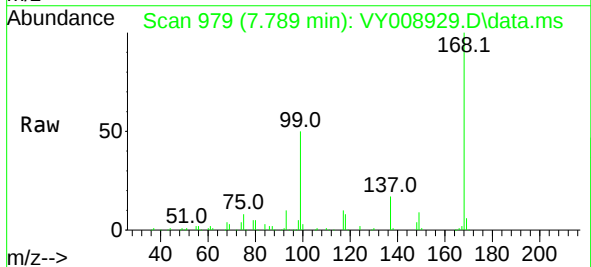
Instrument :
MSVOA_Y
ClientSampleId :
PP-1

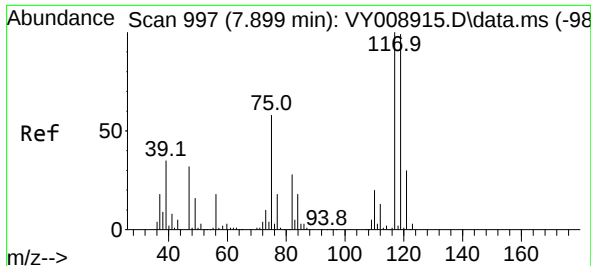
Tgt Ion:113 Resp: 71741
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.424 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008929.D
Acq: 21 May 2022 02:02

Tgt Ion: 75 Resp: 10777
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

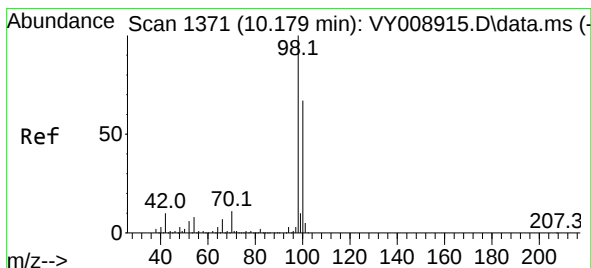
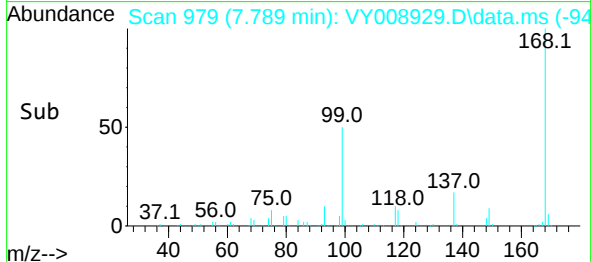
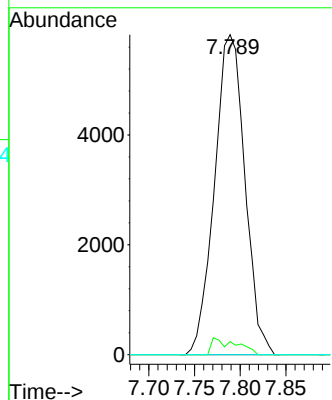
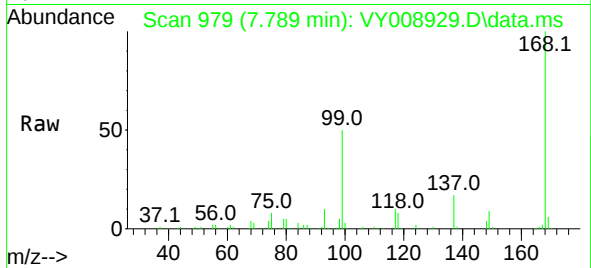




#38
Carbon Tetrachloride
Concen: 5.287 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008929.D
Acq: 21 May 2022 02:02

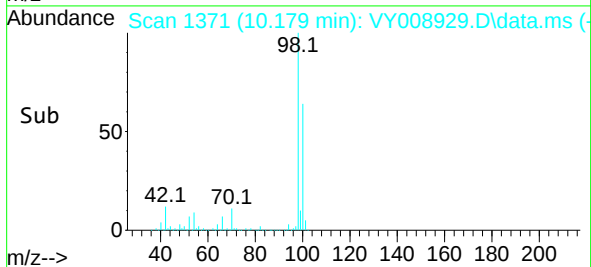
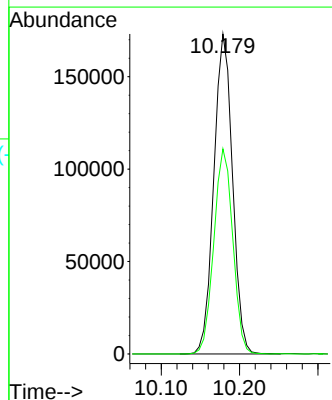
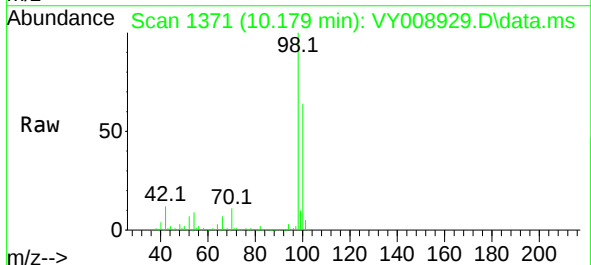
Instrument :
MSVOA_Y
ClientSampleId :
PP-1

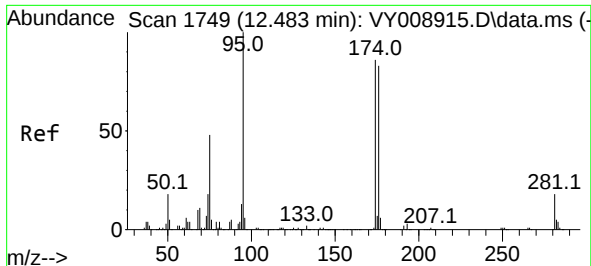
Tgt Ion:117 Resp: 13474
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.332 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008929.D
Acq: 21 May 2022 02:02

Tgt Ion: 98 Resp: 286938
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 42.602 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008929.D

Acq: 21 May 2022 02:02

Instrument :

MSVOA_Y

ClientSampleId :

PP-1

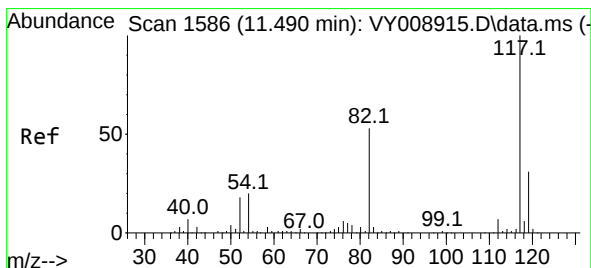
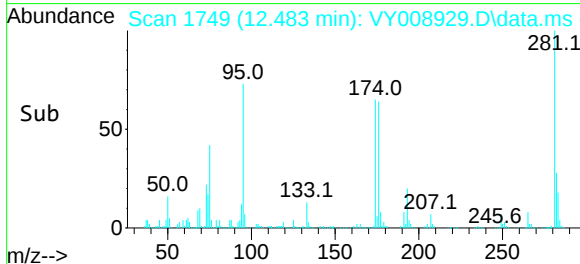
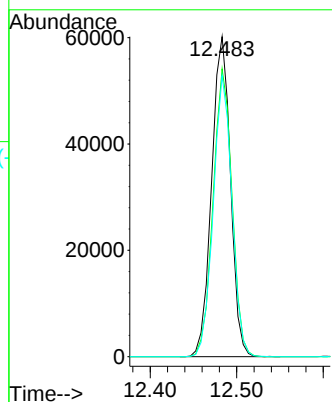
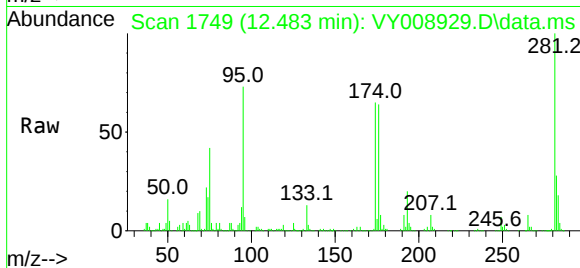
Tgt Ion: 95 Resp: 90758

Ion Ratio Lower Upper

95 100

174 90.4 0.0 177.0

176 86.9 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY008929.D

Acq: 21 May 2022 02:02

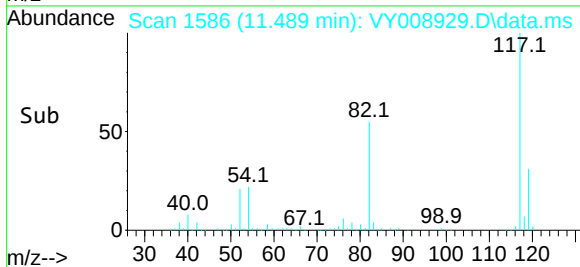
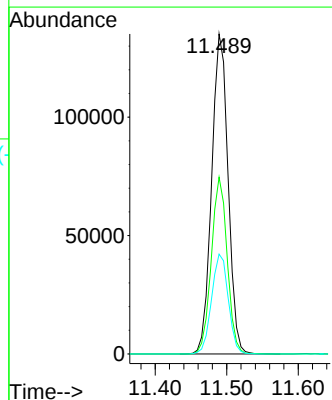
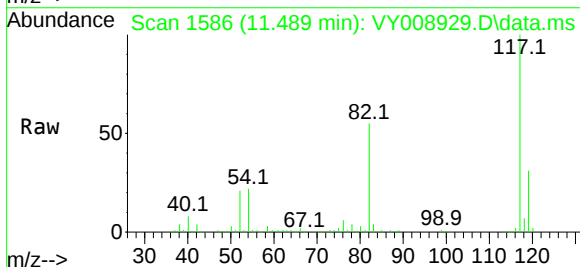
Tgt Ion: 117 Resp: 215060

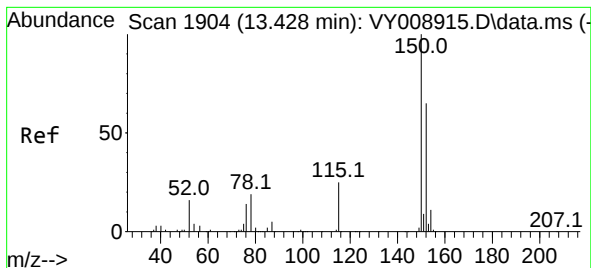
Ion Ratio Lower Upper

117 100

82 55.3 43.0 64.4

119 31.2 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: VY008929.D

Acq: 21 May 2022 02:02

Instrument :

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ClientSampleId :

PP-1

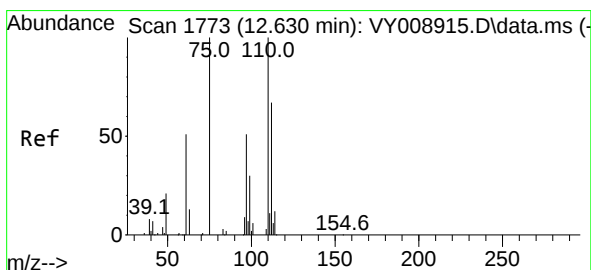
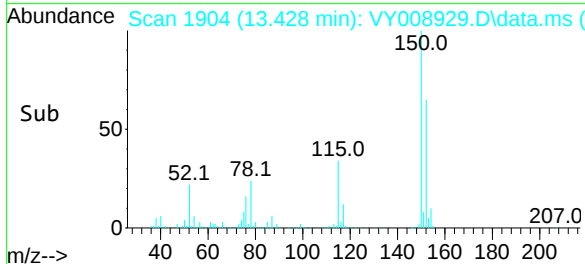
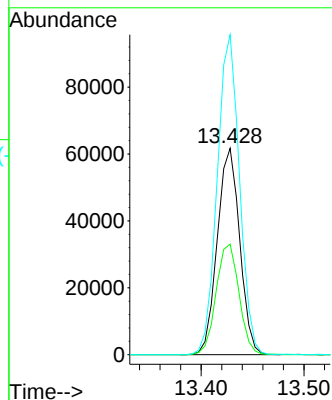
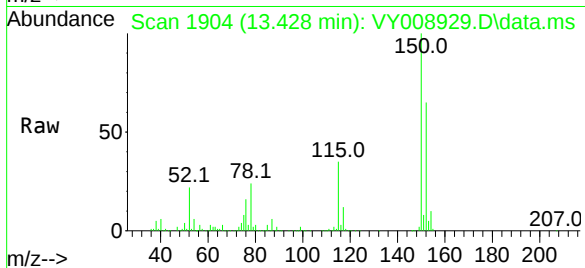
Tgt Ion:152 Resp: 93383

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 153.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 54.416 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY008929.D

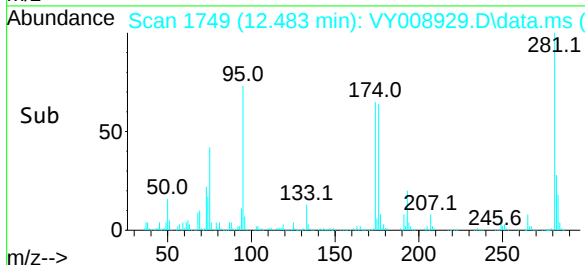
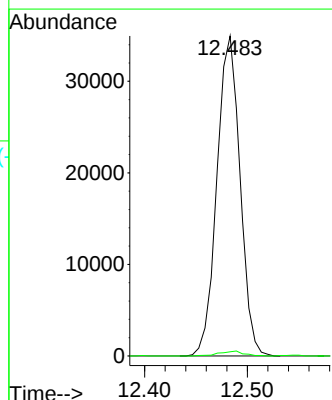
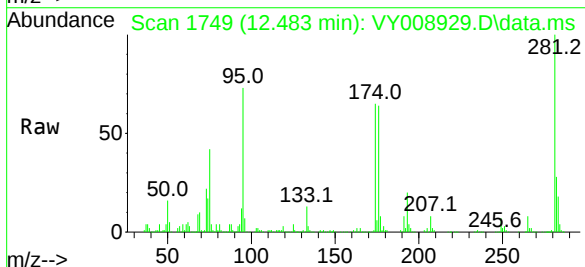
Acq: 21 May 2022 02:02

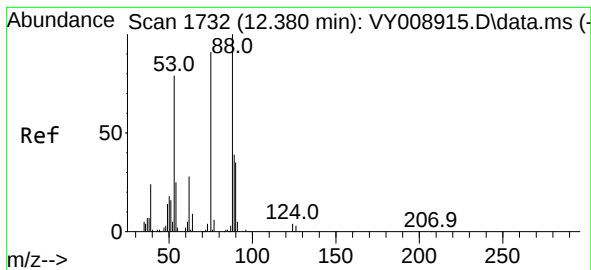
Tgt Ion: 75 Resp: 54569

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.688 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008929.D
 Acq: 21 May 2022 02:02

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion: 75 Resp: 54569
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.9 37.0 55.4#

