

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008981.D
 Acq On : 22 May 2022 05:01
 Operator : KP/MD
 Sample : N2887-14
 Misc : 6.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P039-SS001-1218-01

Quant Time: May 23 02:26:35 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)

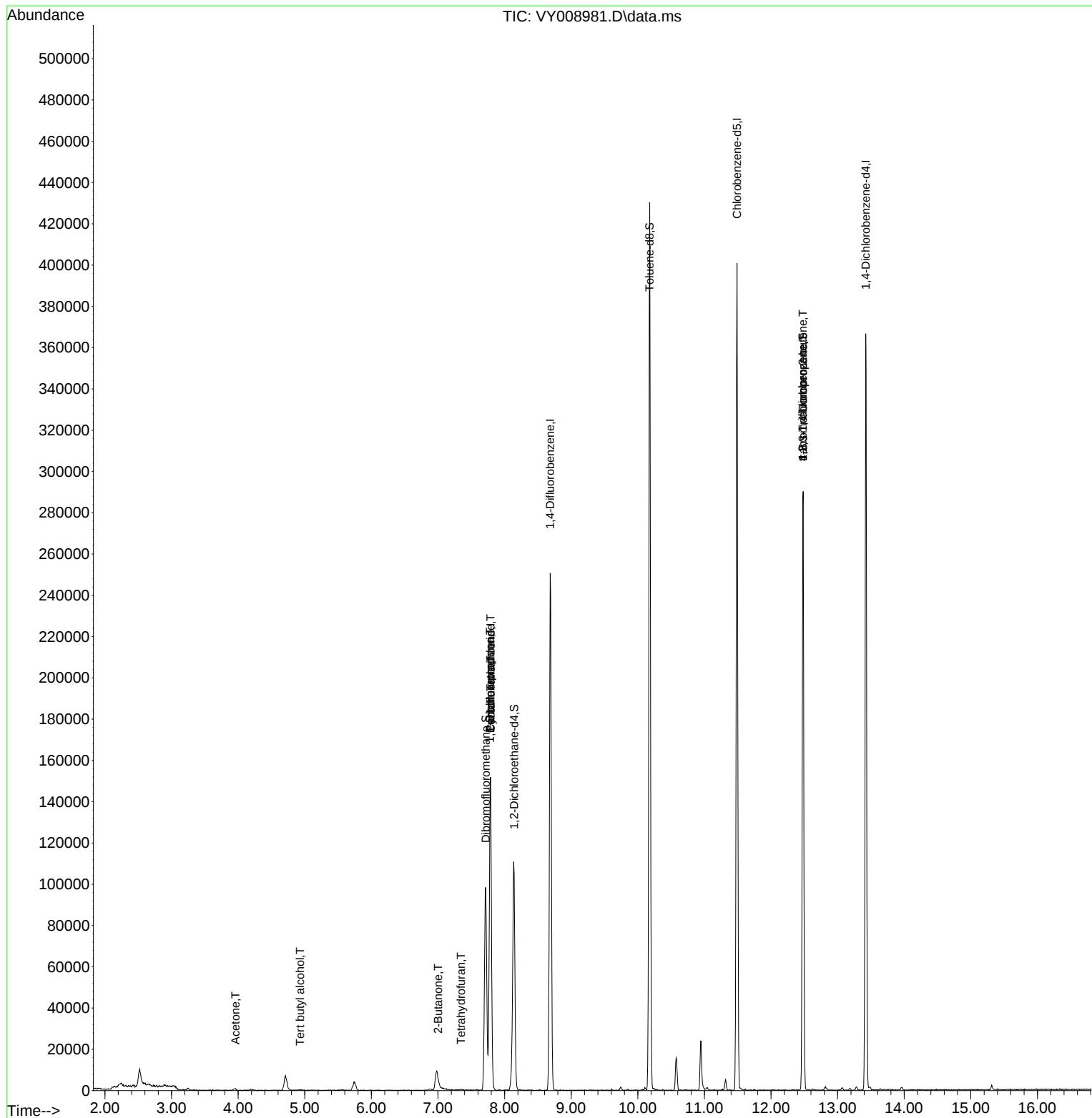
Internal Standards						
1) Pentafluorobenzene	7.789	168	113800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	210603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	79153	67.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.160%	
35) Dibromofluoromethane	7.716	113	67930	51.870	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.740%	
50) Toluene-d8	10.179	98	264816	54.812	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.620%	
62) 4-Bromofluorobenzene	12.477	95	76375	39.188	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	156	1.313	ug/l #	77
16) Acetone	3.960	43	1594	6.538	ug/l	96
20) Methylene Chloride	4.716	84	5214	Below Cal	#	69
25) 2-Butanone	7.002	43	681	1.564	ug/l #	54
29) Tetrahydrofuran	7.344	42	367	1.241	ug/l #	52
31) Cyclohexane	7.789	56	3096	1.351	ug/l #	42
36) 1,1-Dichloropropene	7.783	75	9983	4.479	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11862	5.088	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	43692	46.397	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43692	95.229	ug/l #	7

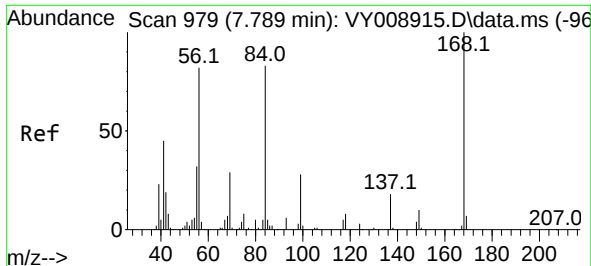
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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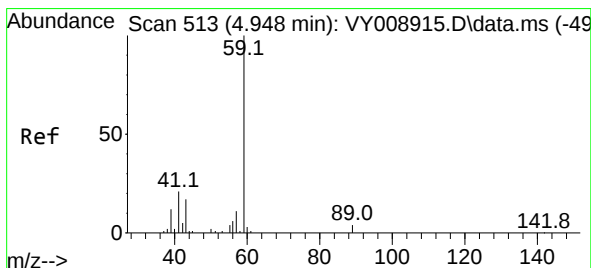
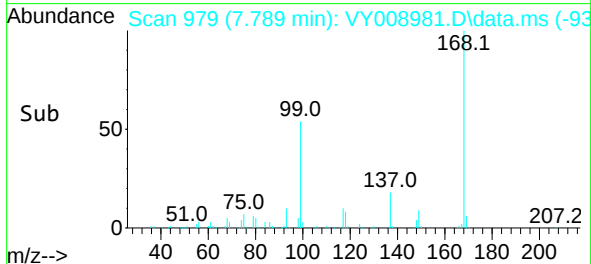
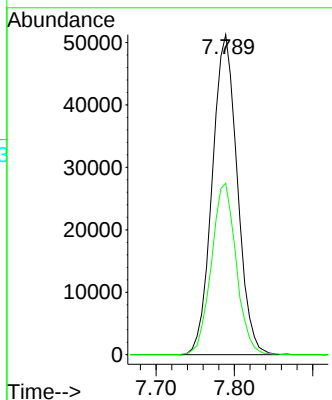
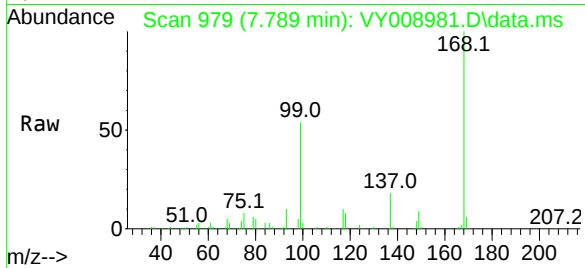




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

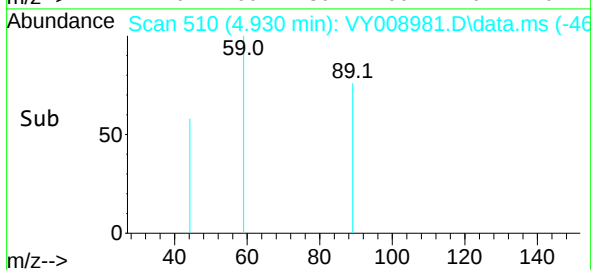
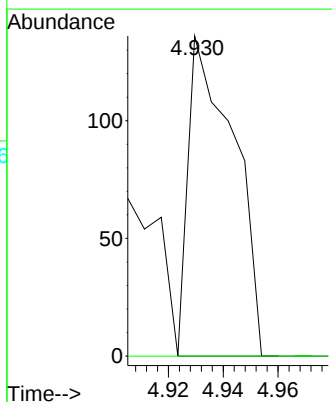
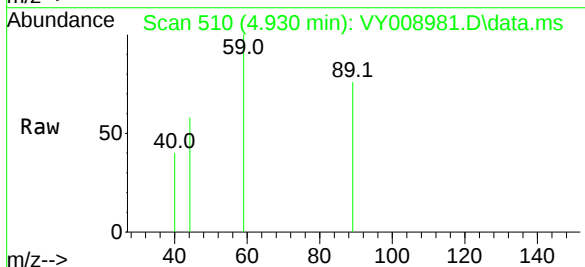
Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-1218-01

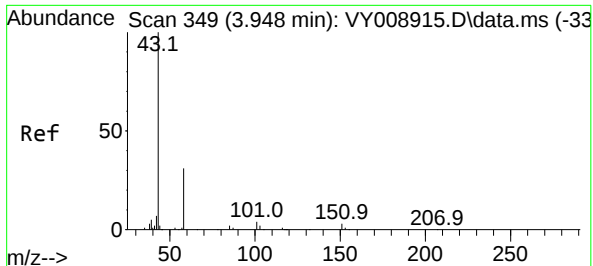
Tgt Ion:168 Resp: 113800
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.313 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

Tgt Ion: 59 Resp: 156
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 6.538 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY008981.D

Acq: 22 May 2022 05:01

Instrument :

MSVOA_Y

ClientSampleId :

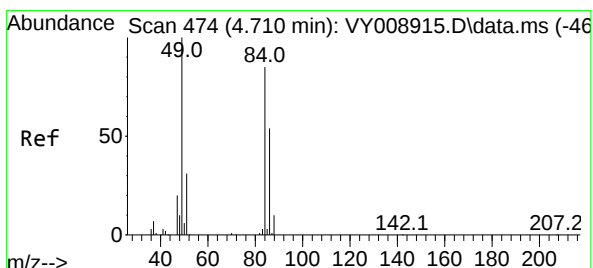
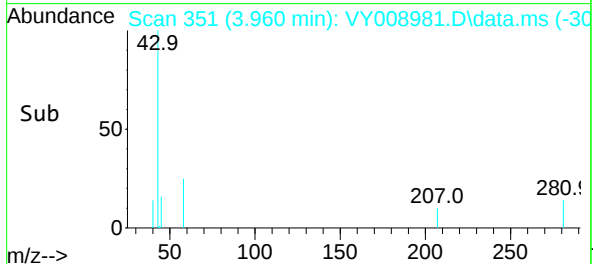
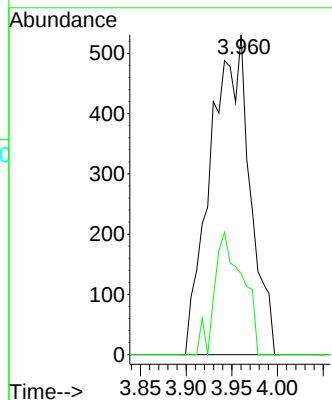
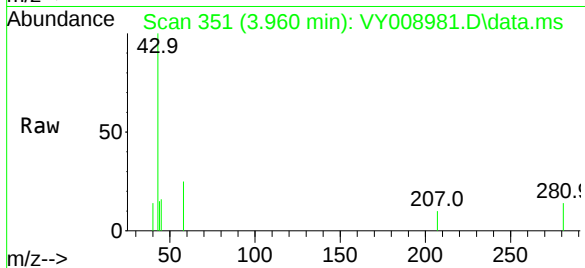
P039-SS001-1218-01

Tgt Ion: 43 Resp: 1594

Ion Ratio Lower Upper

43 100

58 25.2 22.0 33.0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008981.D

Acq: 22 May 2022 05:01

Tgt Ion: 84 Resp: 5214

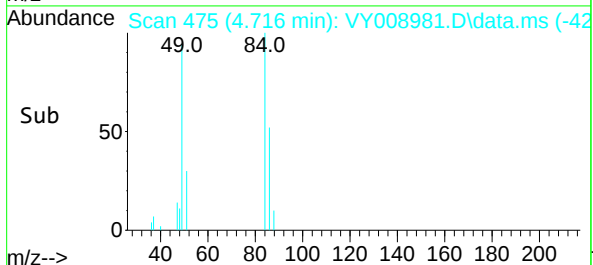
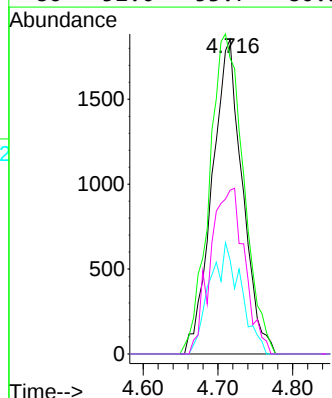
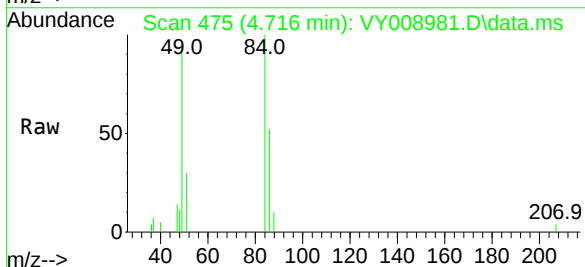
Ion Ratio Lower Upper

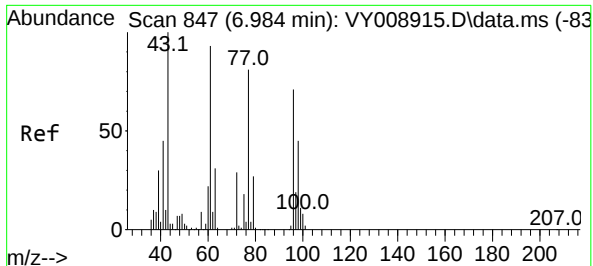
84 100

49 94.0 114.4 171.6#

51 29.8 35.3 52.9#

86 52.0 53.7 80.5#





#25

2-Butanone

Concen: 1.564 ug/l

RT: 7.002 min Scan# 847

Delta R.T. 0.018 min

Lab File: VY008981.D

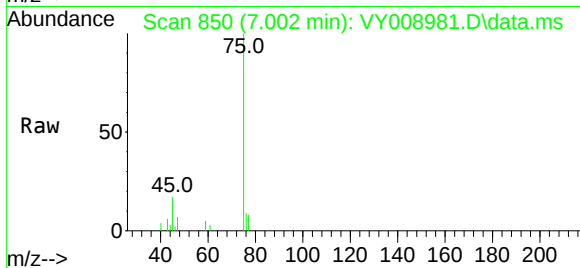
Acq: 22 May 2022 05:01

Instrument :

MSVOA_Y

ClientSampleId :

P039-SS001-1218-01

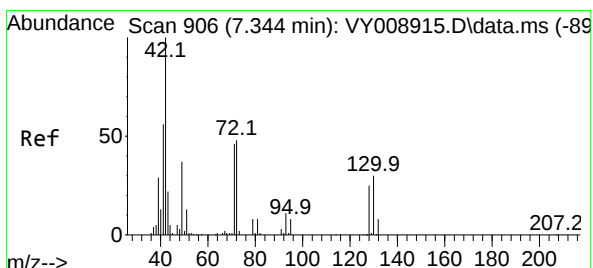
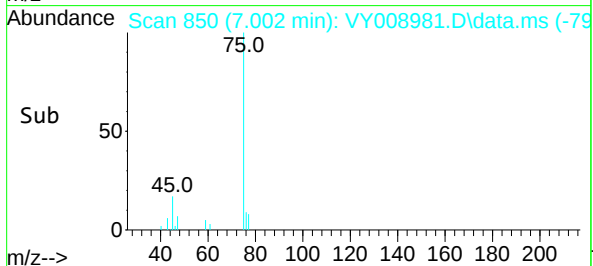
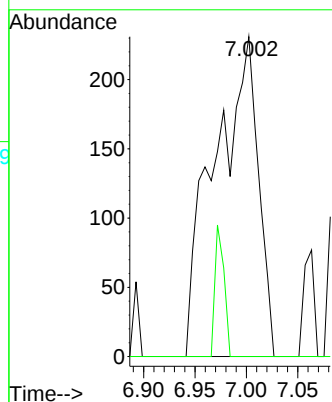


Tgt Ion: 43 Resp: 681

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.241 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008981.D

Acq: 22 May 2022 05:01

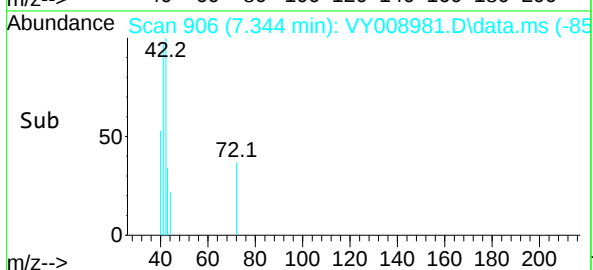
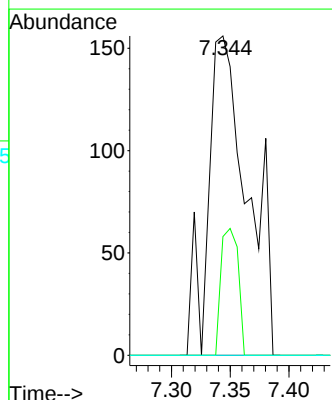
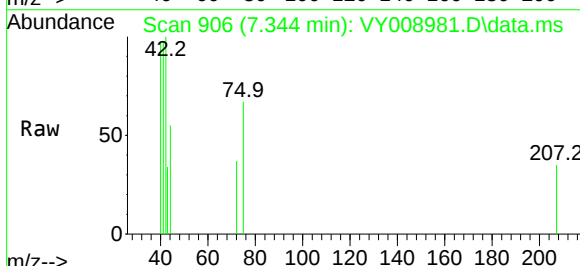
Tgt Ion: 42 Resp: 367

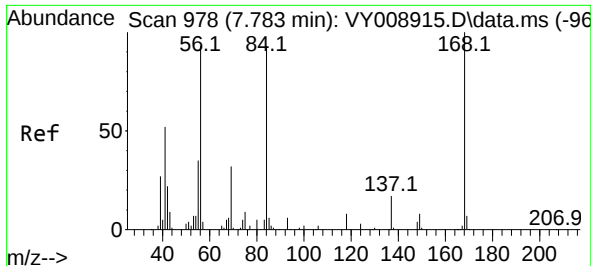
Ion Ratio Lower Upper

42 100

72 17.2 30.3 45.5#

71 0.0 29.0 43.4#

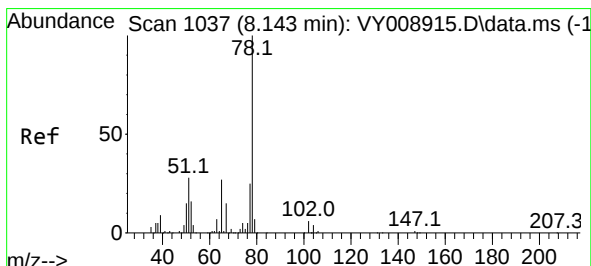
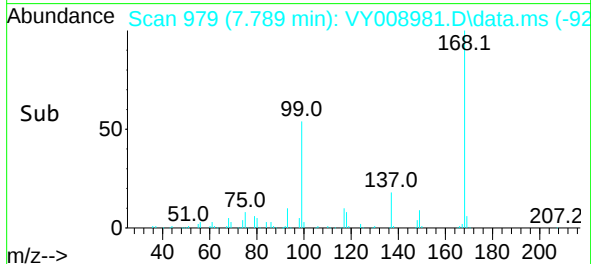
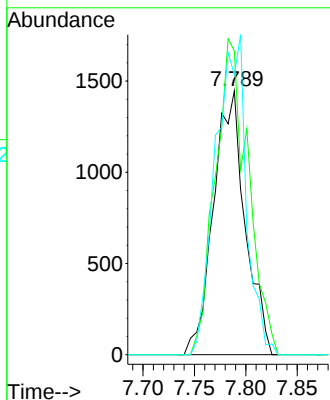
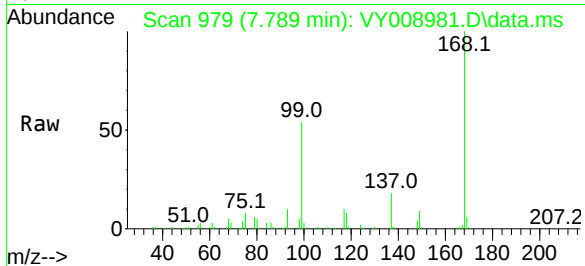




#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

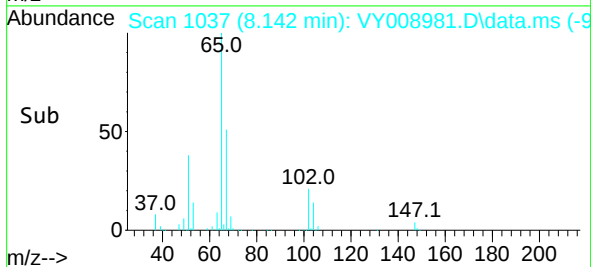
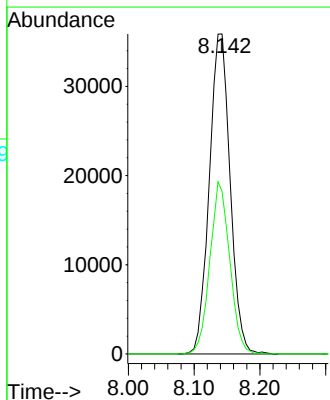
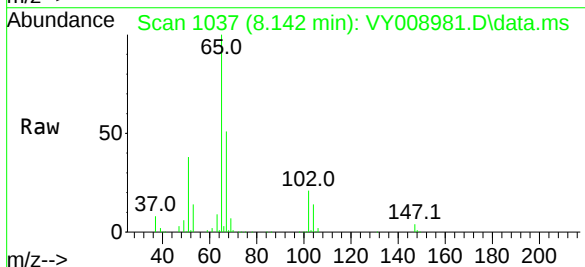
Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-1218-01

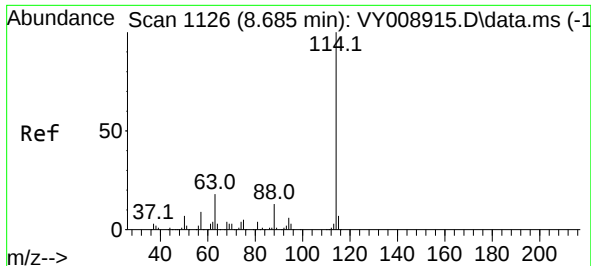
Tgt Ion: 56 Resp: 3096
Ion Ratio Lower Upper
56 100
69 115.1 26.7 40.1#
84 106.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 67.582 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

Tgt Ion: 65 Resp: 79153
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY008981.D

Acq: 22 May 2022 05:01

Instrument :

MSVOA_Y

ClientSampleId :

P039-SS001-1218-01

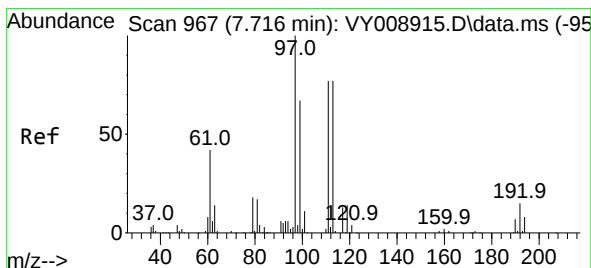
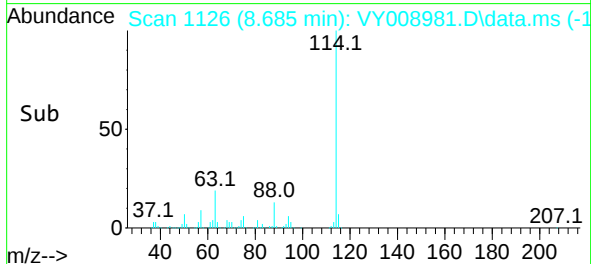
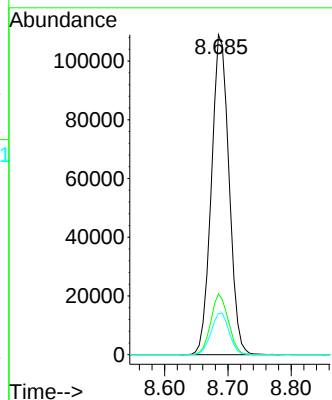
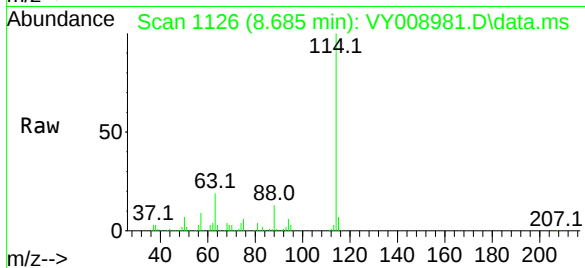
Tgt Ion:114 Resp: 210603

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 12.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.870 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008981.D

Acq: 22 May 2022 05:01

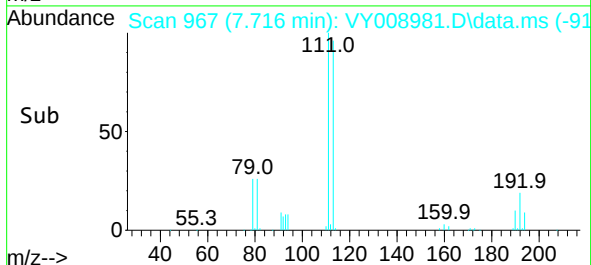
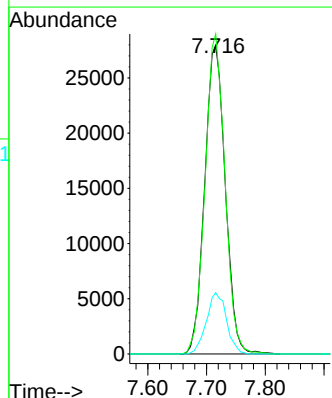
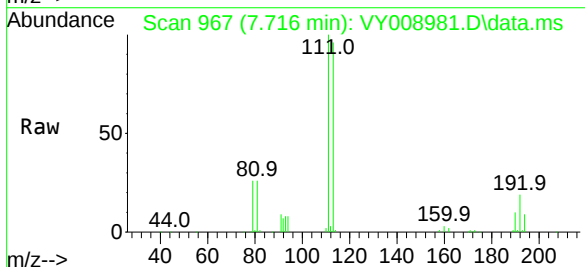
Tgt Ion:113 Resp: 67930

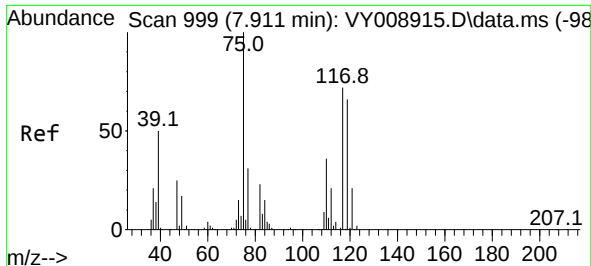
Ion Ratio Lower Upper

113 100

111 100.1 82.6 124.0

192 19.4 17.6 26.4

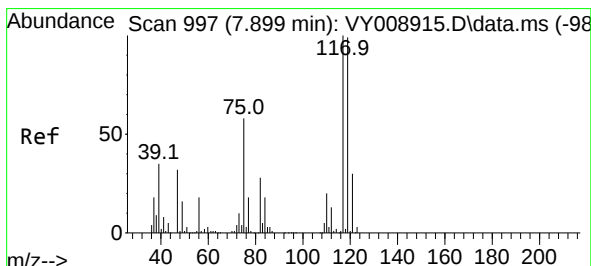
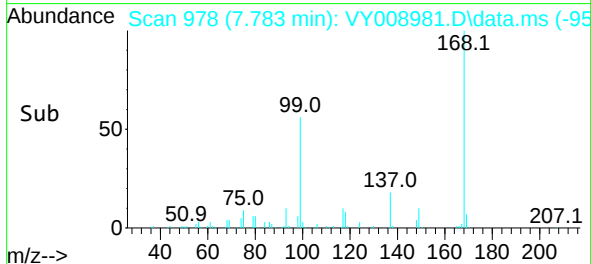
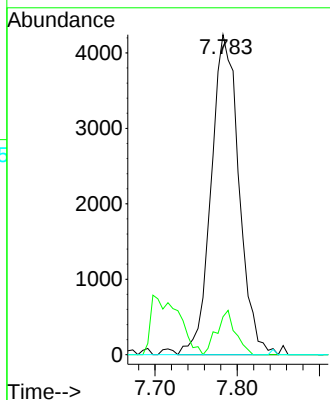
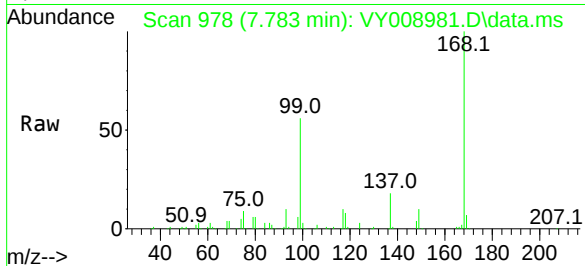




#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

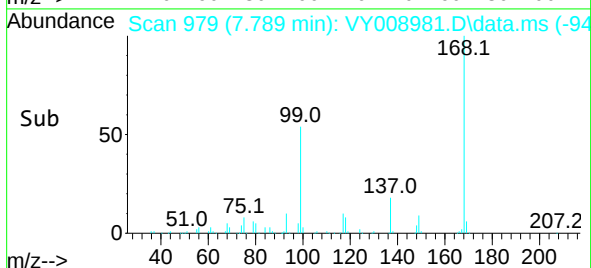
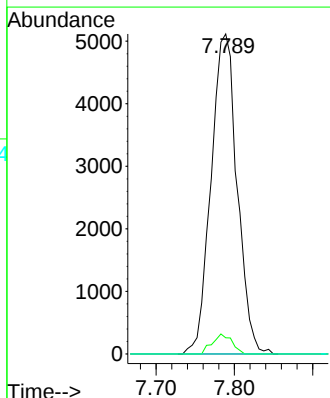
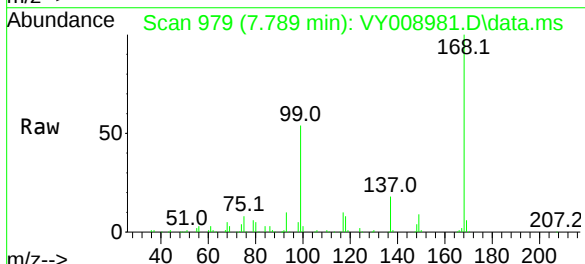
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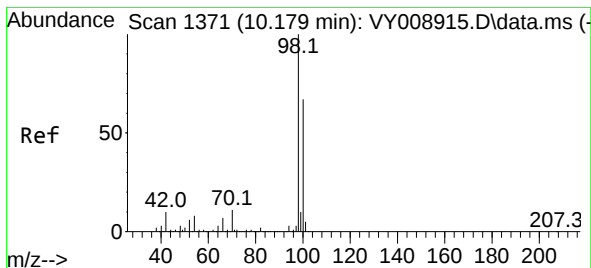
Tgt Ion: 75 Resp: 9983
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.088 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

Tgt Ion: 117 Resp: 11862
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

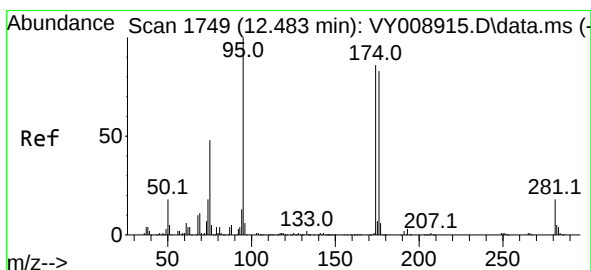
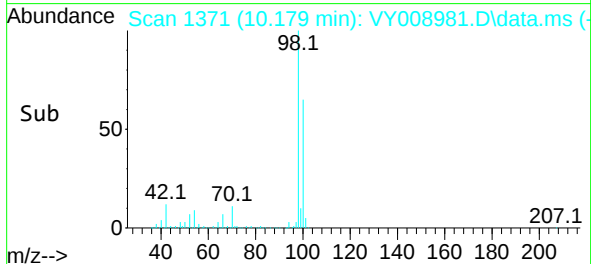
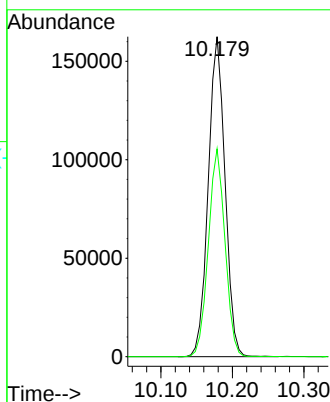
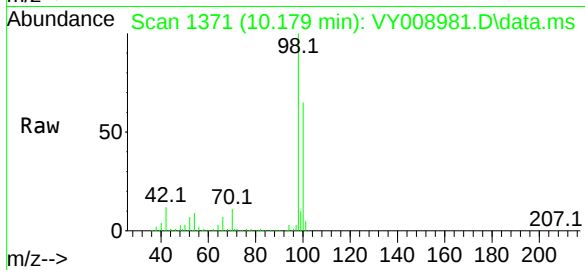




#50
Toluene-d8
Concen: 54.812 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

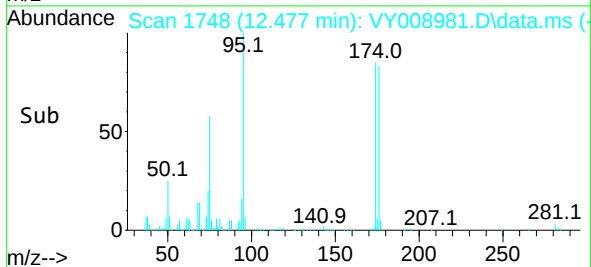
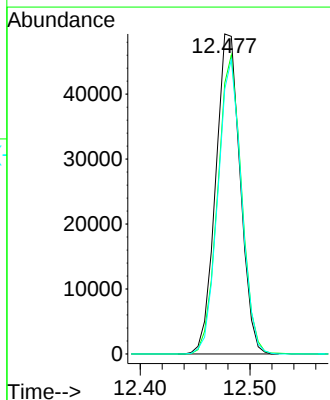
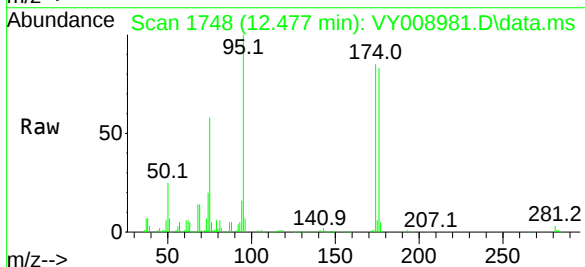
Instrument :
MSVOA_Y
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P039-SS001-1218-01

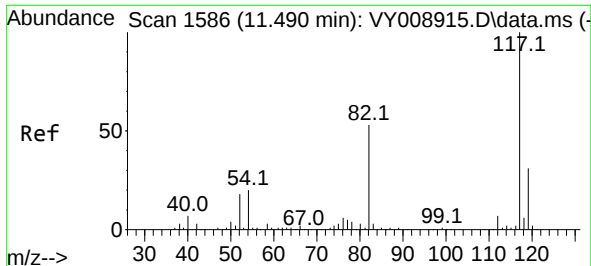
Tgt Ion: 98 Resp: 264816
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.188 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

Tgt Ion: 95 Resp: 76375
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 88.5 0.0 175.8

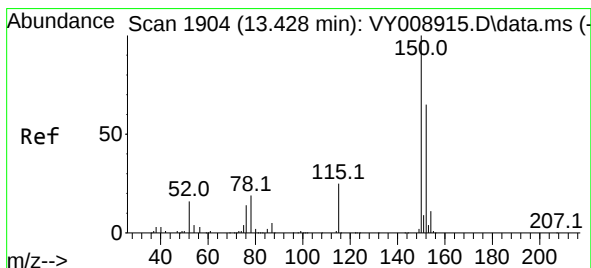
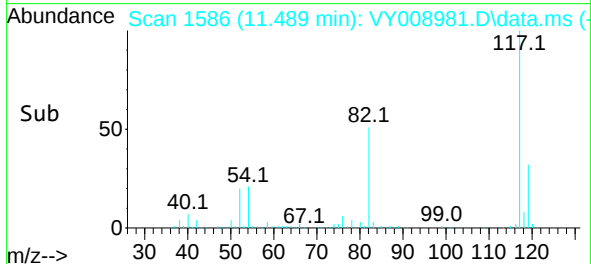
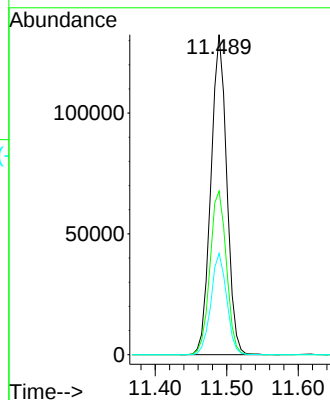
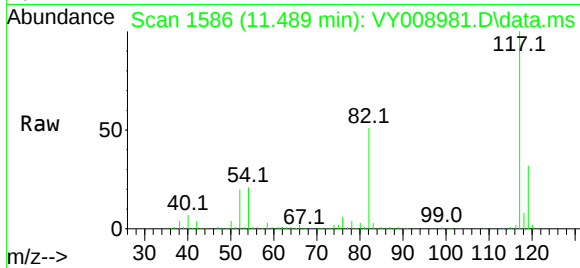




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

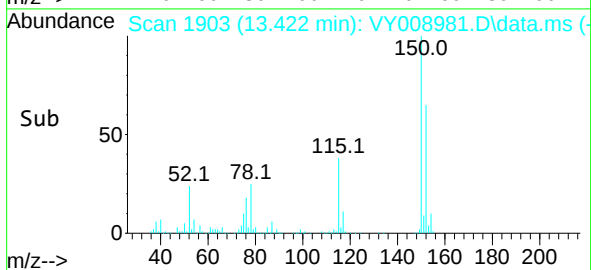
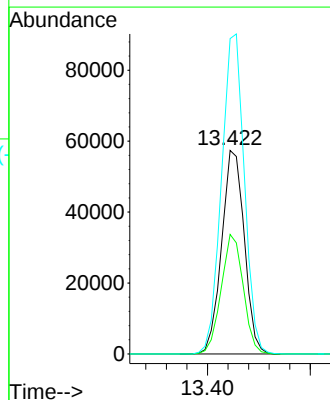
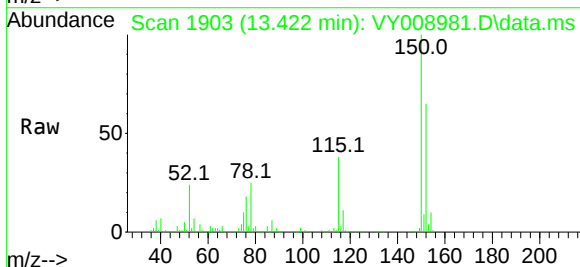
Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-1218-01

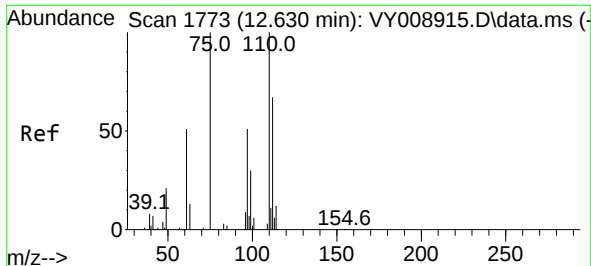
Tgt Ion:117 Resp: 204095
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

Tgt Ion:152 Resp: 87692
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 158.5 0.0 347.6

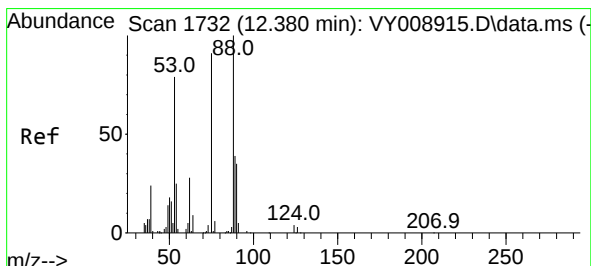
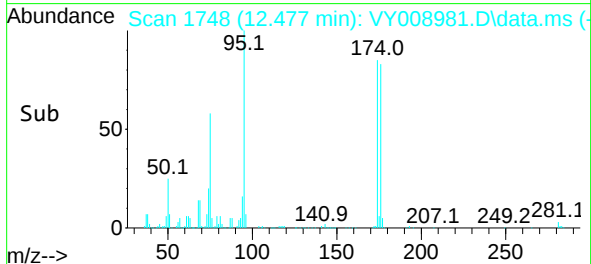
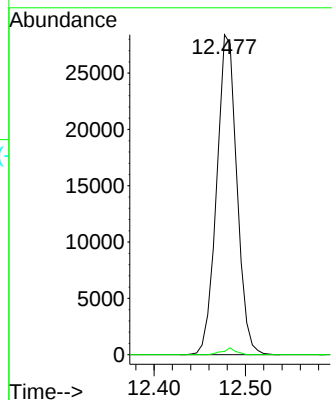
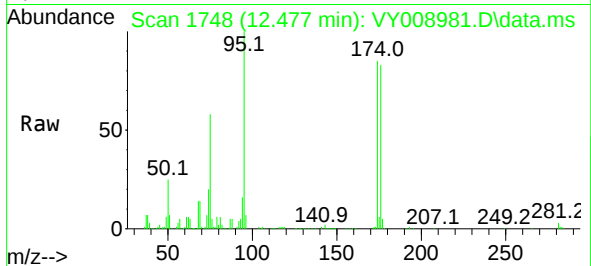




#76
1,2,3-Trichloropropane
Concen: 46.397 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

Instrument :
MSVOA_Y
ClientSampleId :
P039-SS001-1218-01

Tgt Ion: 75 Resp: 43692
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.229 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008981.D
Acq: 22 May 2022 05:01

Tgt Ion: 75 Resp: 43692
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#

