

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007432.D
 Acq On : 08 Feb 2022 14:46
 Operator : SY/MD
 Sample : N1432-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

Quant Time: Feb 09 00:55:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

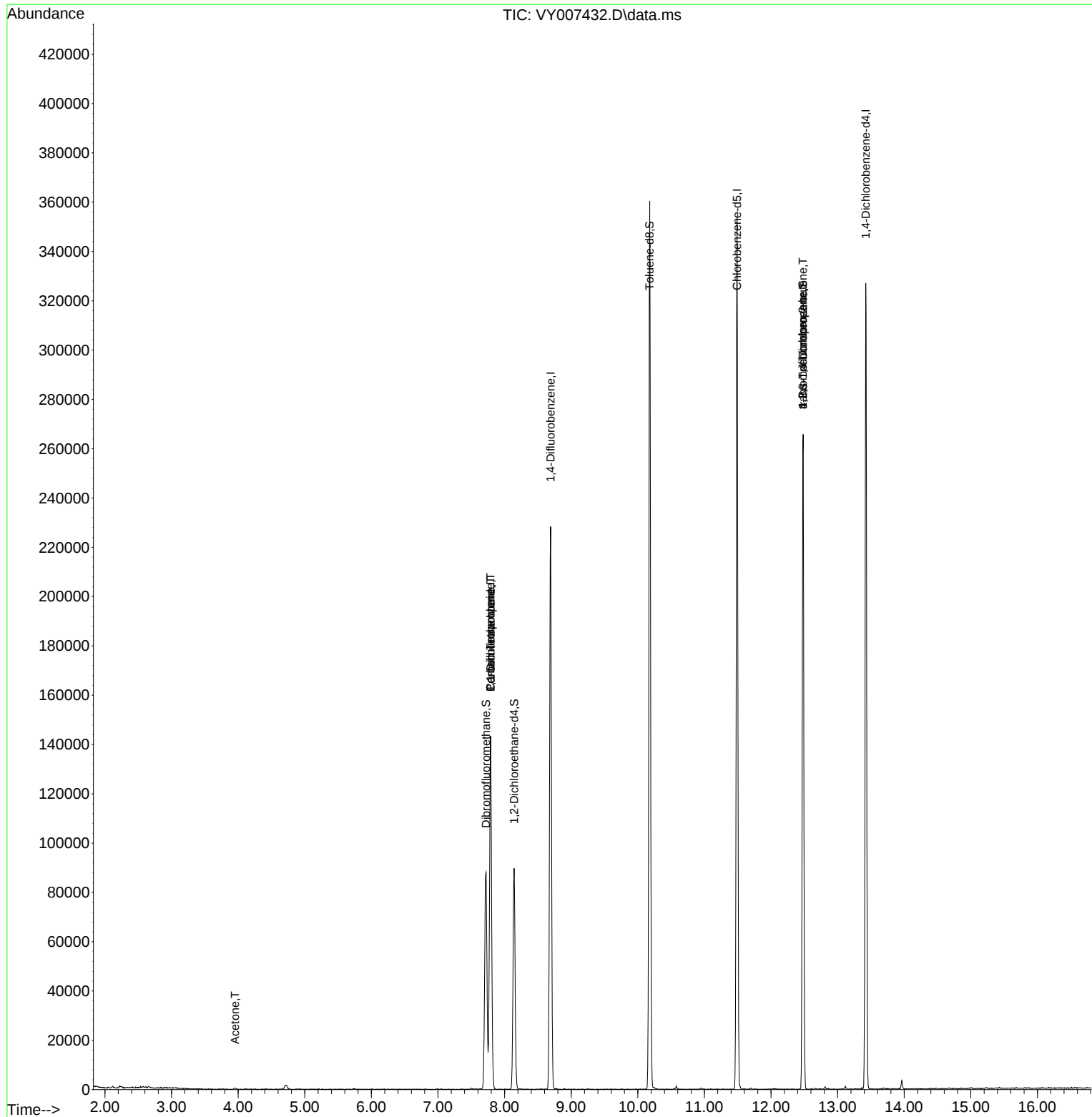
Internal Standards						
1) Pentafluorobenzene	7.789	168	102980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	193197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	187862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68074	57.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.940%	
35) Dibromofluoromethane	7.722	113	63798	51.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.179	98	234694	51.205	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.477	95	85571	54.929	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.860%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	482	Below Cal	#	75
11) Tert butyl alcohol	4.930	59	109	Below Cal	#	77
16) Acetone	3.954	43	778	2.022	ug/l #	62
20) Methylene Chloride	4.722	84	1379	Below Cal	#	78
36) 1,1-Dichloropropene	7.789	75	8352	3.851	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10859	4.766	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	46054	48.513	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46054	97.192	ug/l #	7

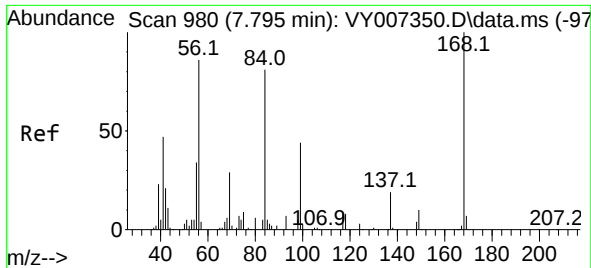
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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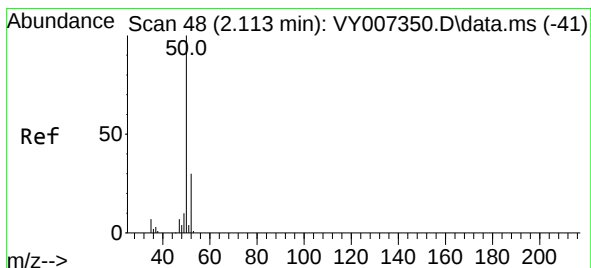
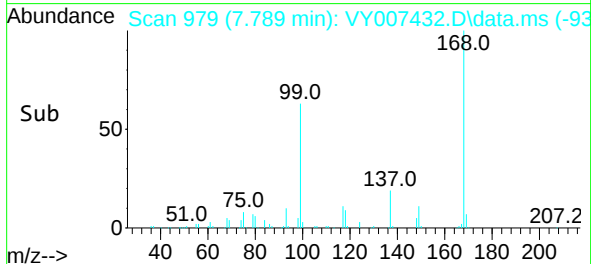
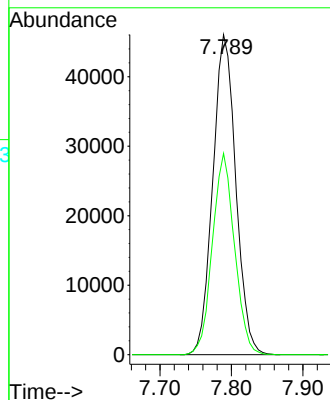
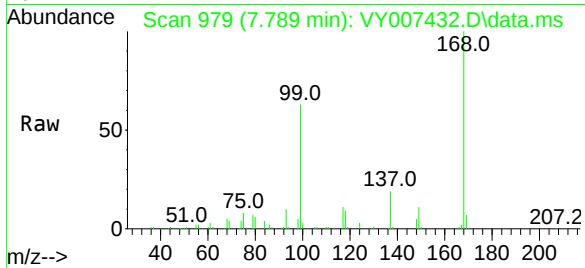




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007432.D
Acq: 08 Feb 2022 14:46

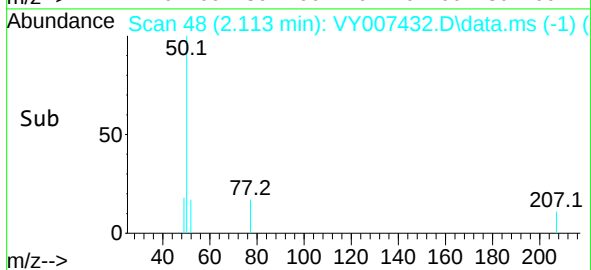
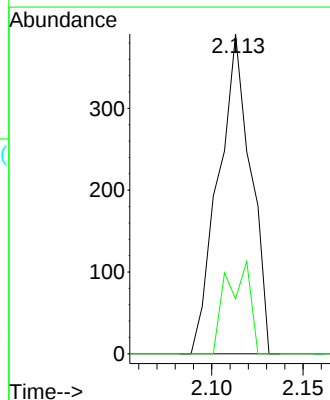
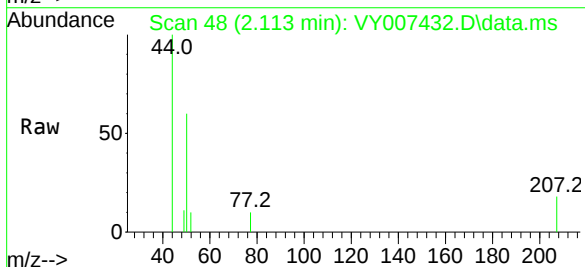
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

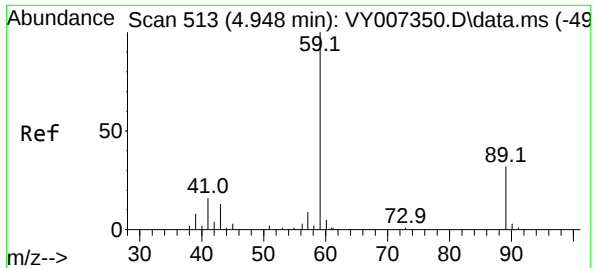
Tgt Ion:168 Resp: 102980
Ion Ratio Lower Upper
168 100
99 62.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007432.D
Acq: 08 Feb 2022 14:46

Tgt Ion: 50 Resp: 482
Ion Ratio Lower Upper
50 100
52 17.1 24.6 37.0

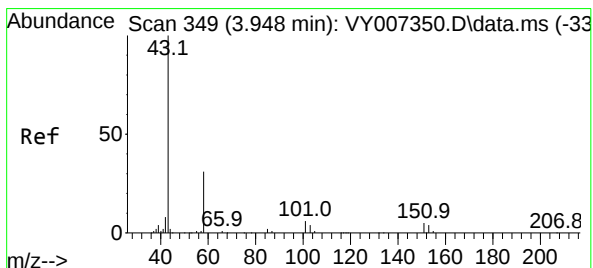
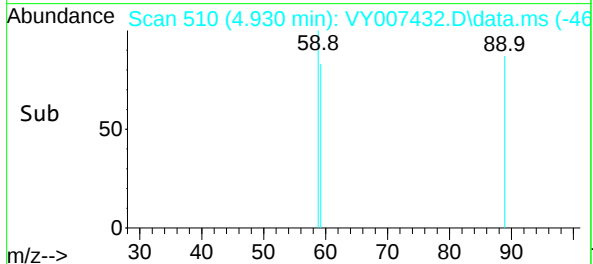
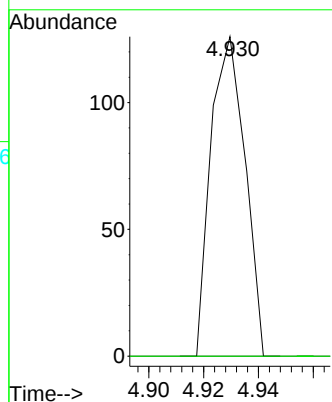
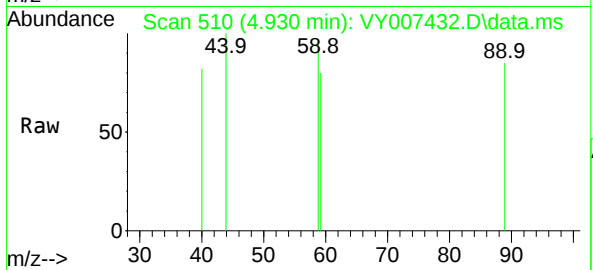




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY007432.D
Acq: 08 Feb 2022 14:46

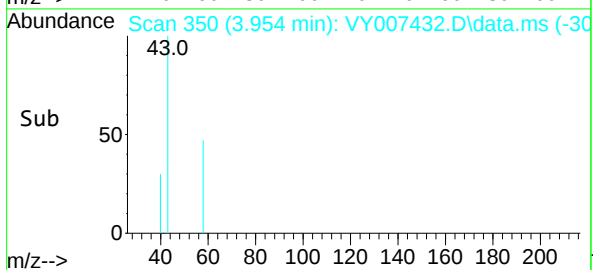
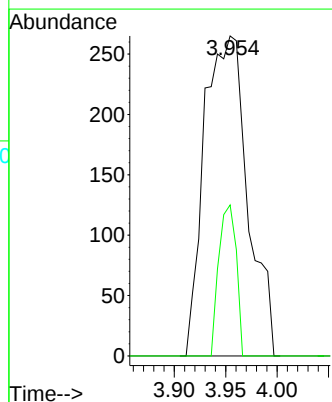
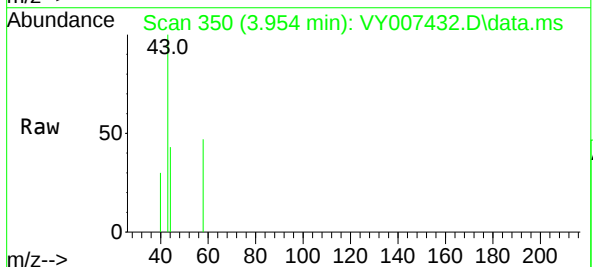
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

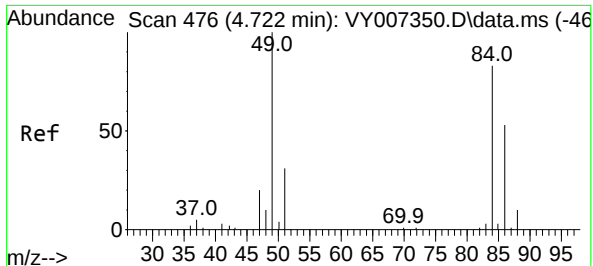
Tgt Ion: 59 Resp: 109
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.022 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007432.D
Acq: 08 Feb 2022 14:46

Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 47.2 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007432.D

Acq: 08 Feb 2022 14:46

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

Tgt Ion: 84 Resp: 1379

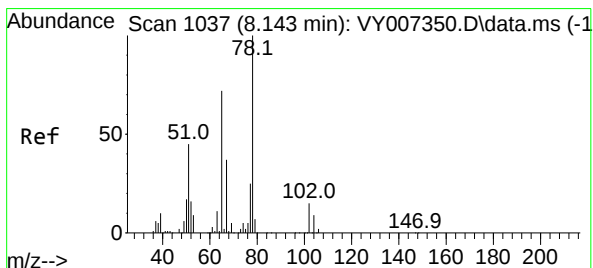
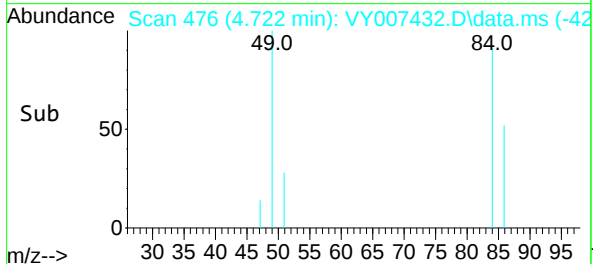
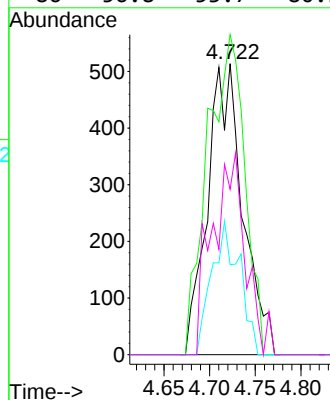
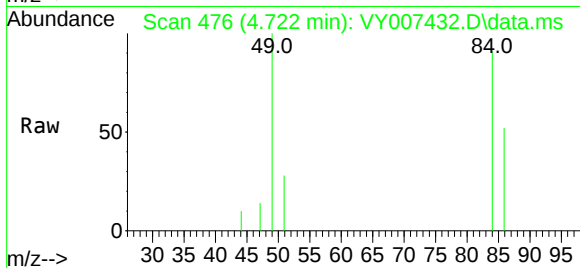
Ion Ratio Lower Upper

84 100

49 109.9 114.4 171.6#

51 30.9 35.3 52.9#

86 56.8 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 57.470 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007432.D

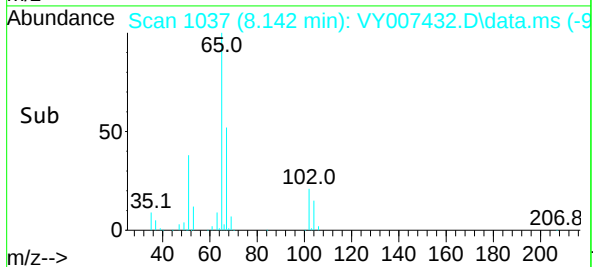
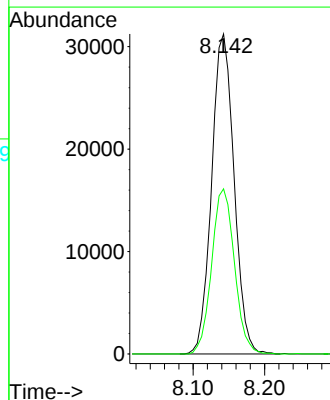
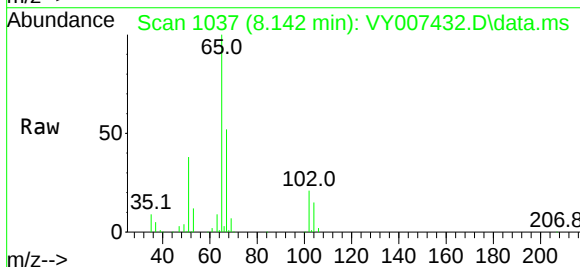
Acq: 08 Feb 2022 14:46

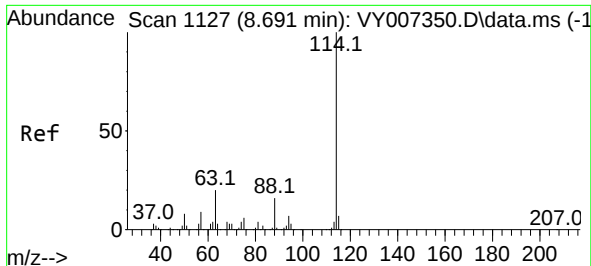
Tgt Ion: 65 Resp: 68074

Ion Ratio Lower Upper

65 100

67 52.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007432.D

Acq: 08 Feb 2022 14:46

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

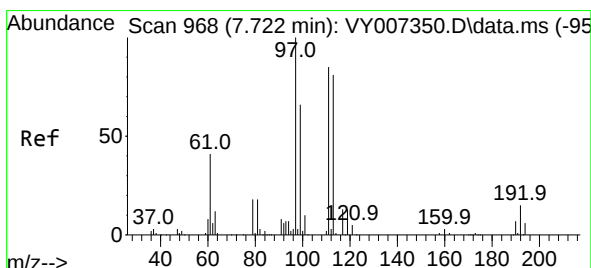
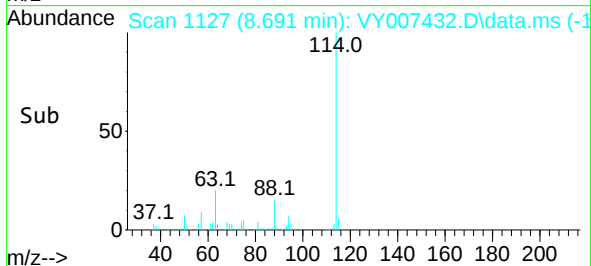
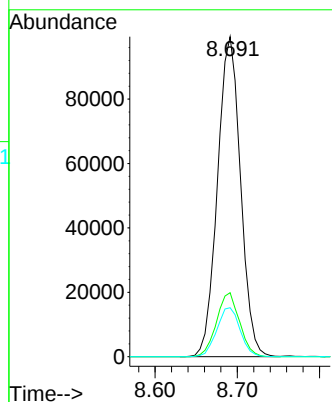
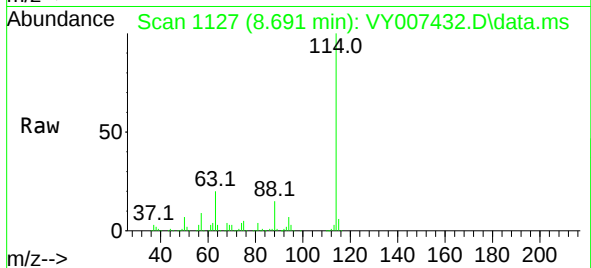
Tgt Ion:114 Resp: 193197

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.426 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007432.D

Acq: 08 Feb 2022 14:46

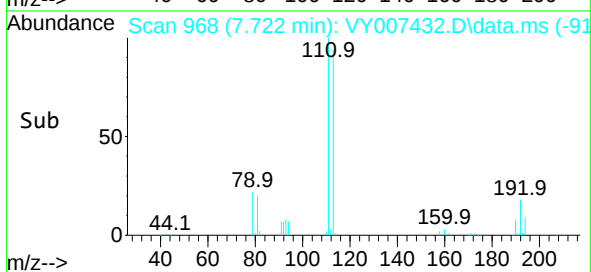
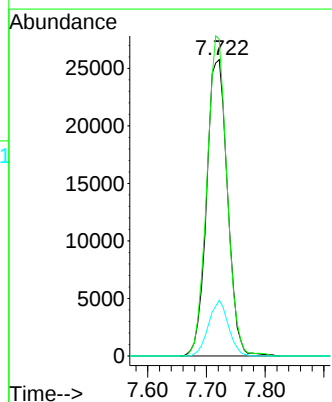
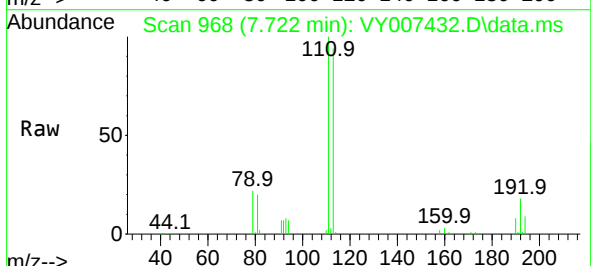
Tgt Ion:113 Resp: 63798

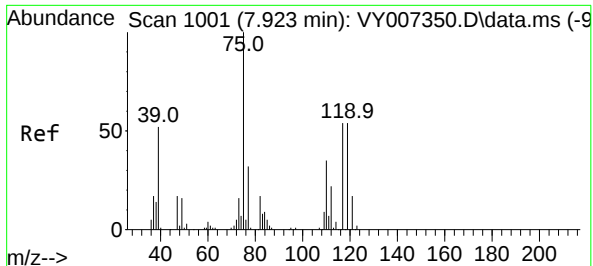
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 17.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.851 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007432.D

Acq: 08 Feb 2022 14:46

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

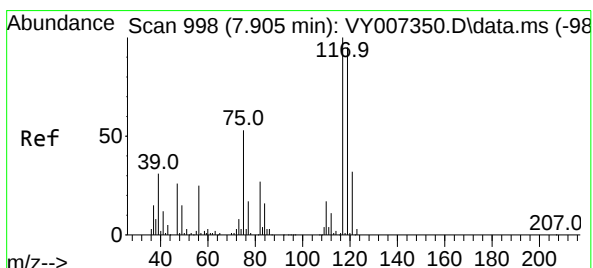
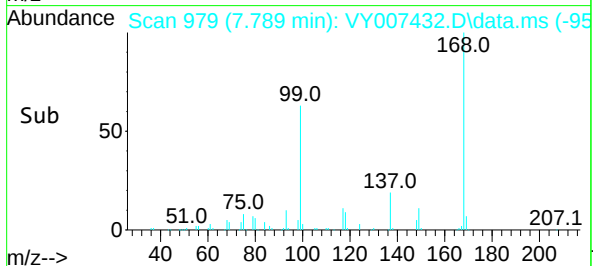
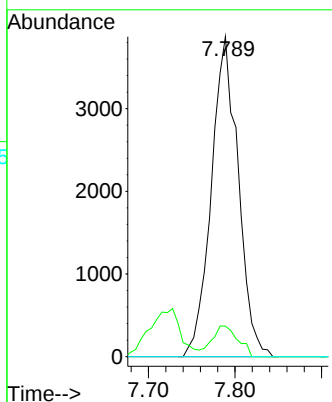
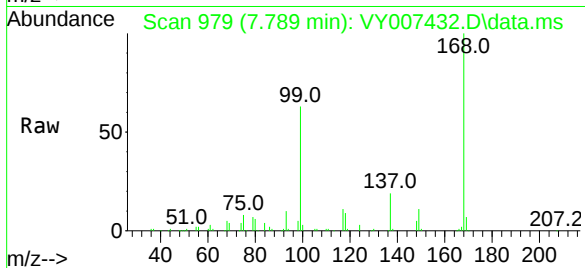
Tgt Ion: 75 Resp: 8352

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.766 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY007432.D

Acq: 08 Feb 2022 14:46

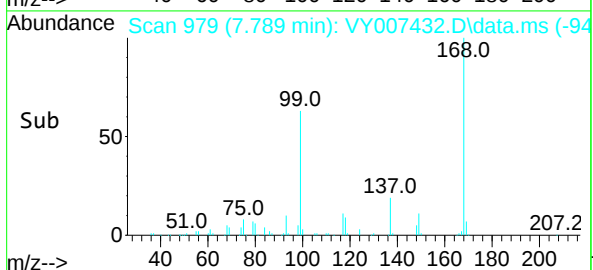
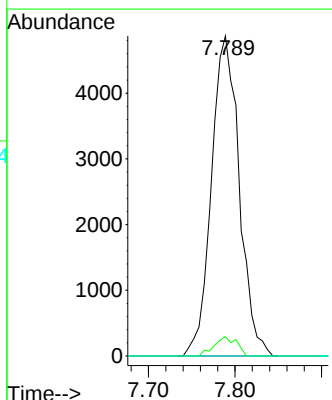
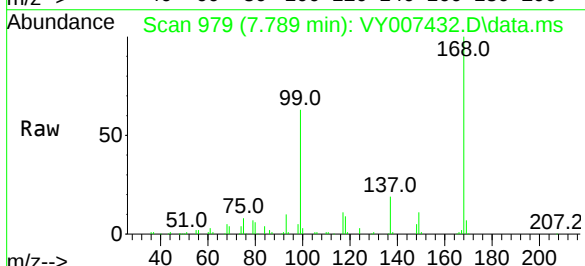
Tgt Ion: 117 Resp: 10859

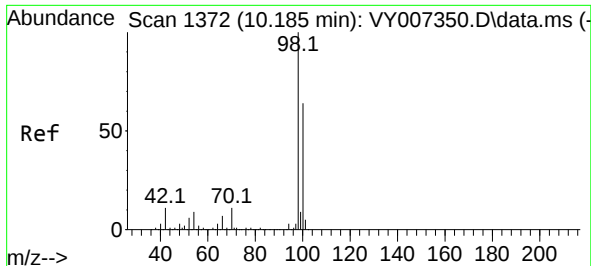
Ion Ratio Lower Upper

117 100

119 6.1 77.9 116.9#

121 0.0 24.8 37.2#

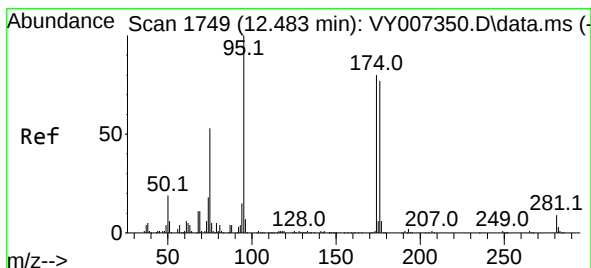
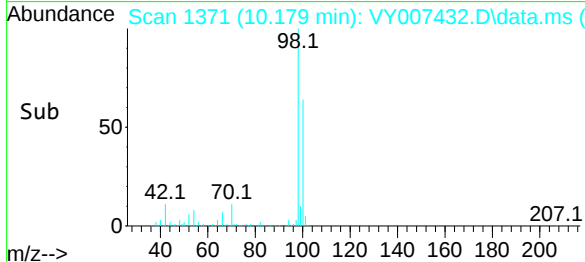
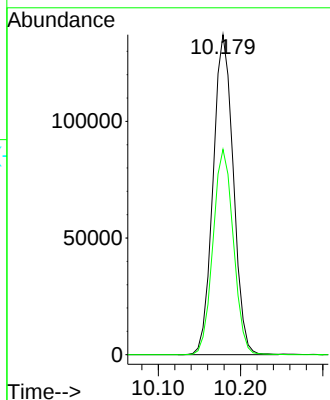
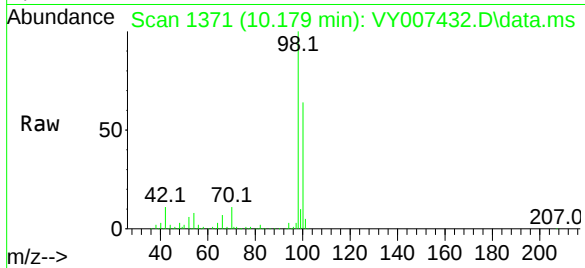




#50
Toluene-d8
Concen: 51.205 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007432.D
Acq: 08 Feb 2022 14:46

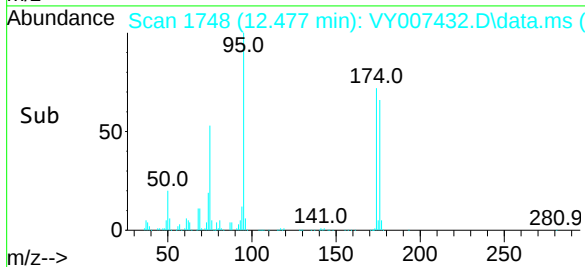
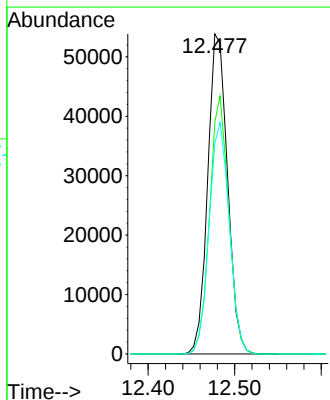
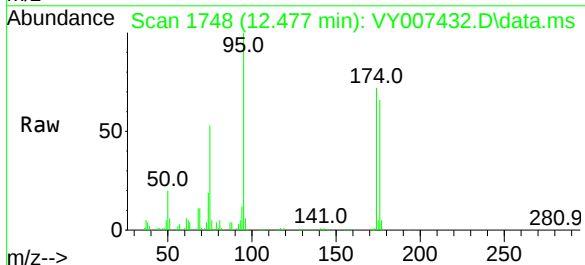
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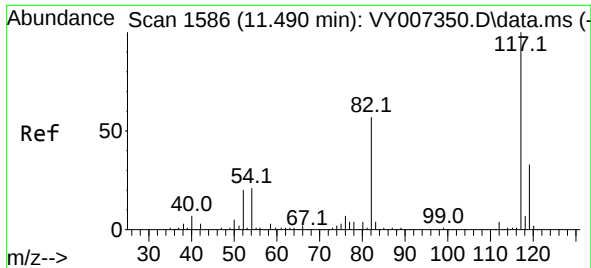
Tgt Ion: 98 Resp: 234694
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.929 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007432.D
Acq: 08 Feb 2022 14:46

Tgt Ion: 95 Resp: 85571
Ion Ratio Lower Upper
95 100
174 78.0 0.0 177.0
176 73.5 0.0 175.8

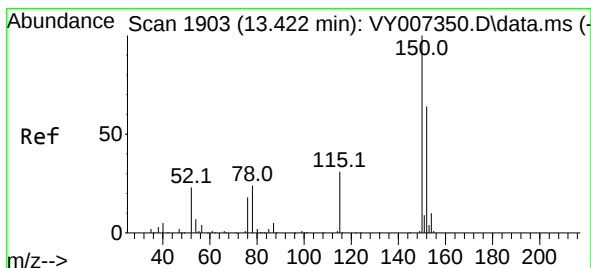
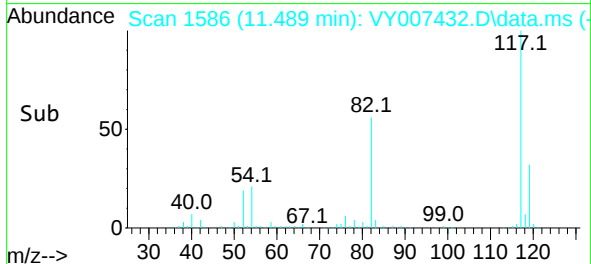
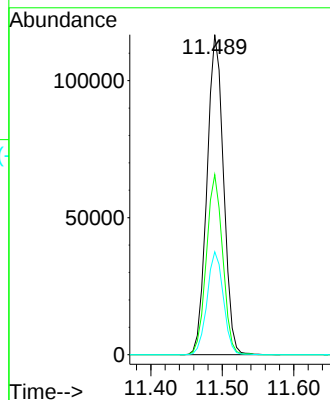
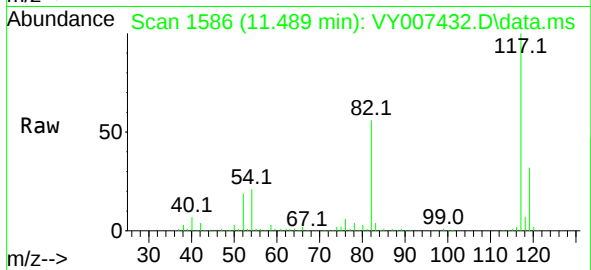




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007432.D
Acq: 08 Feb 2022 14:46

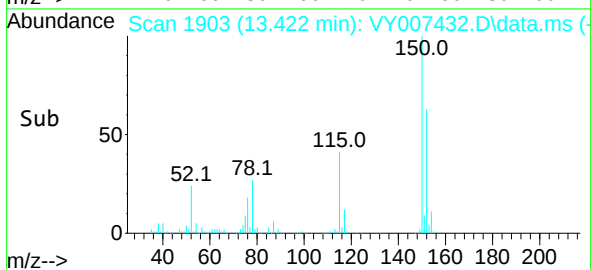
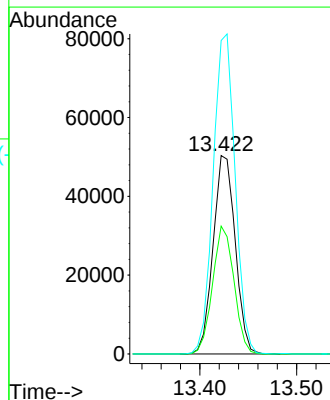
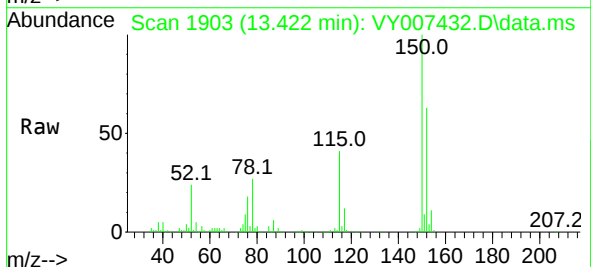
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

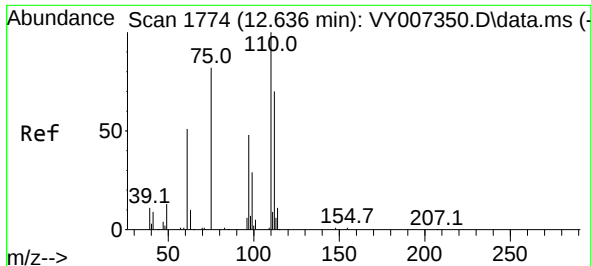
Tgt Ion:117 Resp: 187862
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007432.D
Acq: 08 Feb 2022 14:46

Tgt Ion:152 Resp: 79854
Ion Ratio Lower Upper
152 100
115 62.4 28.2 84.7
150 160.1 0.0 347.6

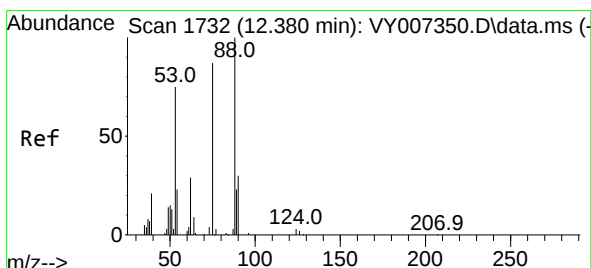
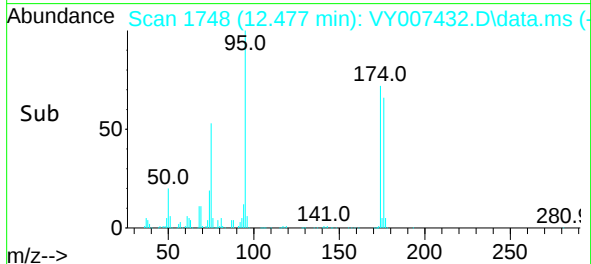
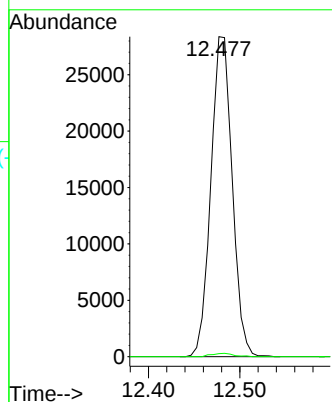
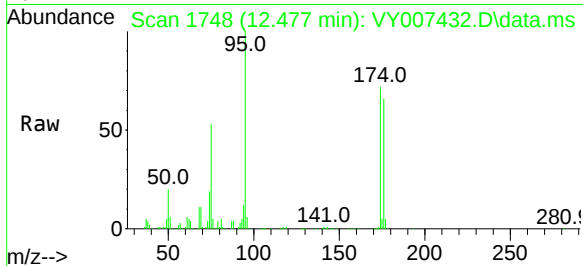




#76
1,2,3-Trichloropropane
Concen: 48.513 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007432.D
Acq: 08 Feb 2022 14:46

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

Tgt Ion: 75 Resp: 46054
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.192 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY007432.D
Acq: 08 Feb 2022 14:46

Tgt Ion: 75 Resp: 46054
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

