

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010586.D
 Acq On : 20 Sep 2022 19:31
 Operator : KP/MD
 Sample : N4697-15
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18-6.5-7.0

Quant Time: Sep 21 01:22:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

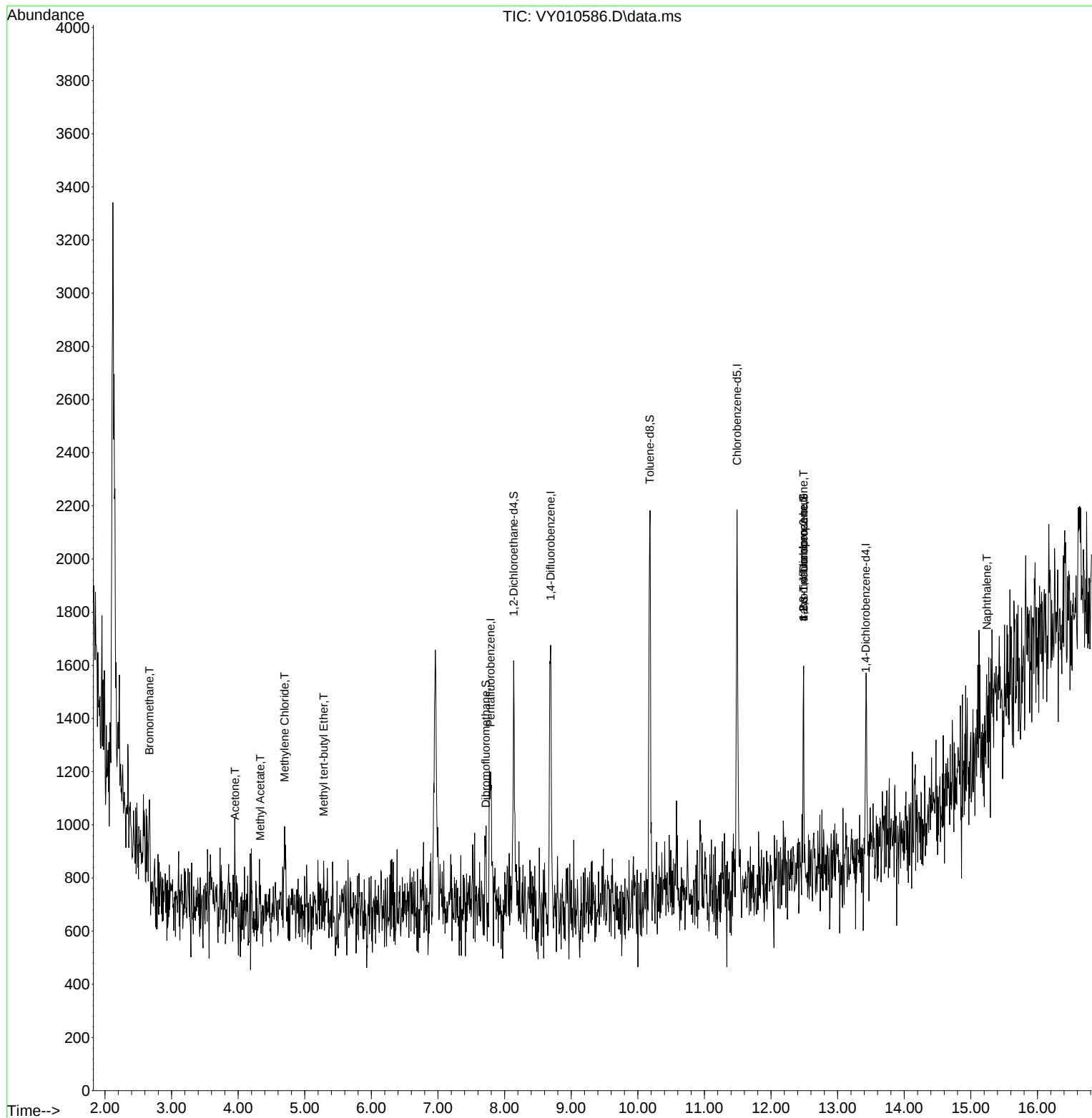
Internal Standards						
1) Pentafluorobenzene	7.789	168	706	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	965	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	608	90.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.080%#	
35) Dibromofluoromethane	7.716	113	168	19.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 38.480%#	
50) Toluene-d8	10.179	98	1368	42.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.740%	
62) 4-Bromofluorobenzene	12.489	95	215	16.124	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 32.240%	
Target Compounds						Qvalue
5) Bromomethane	2.668	94	26	1.433	ug/l #	4
16) Acetone	3.954	43	85	61.726	ug/l #	47
18) Methyl Acetate	4.332	43	39	8.290	ug/l #	56
19) Methyl tert-butyl Ether	5.283	73	19	1.222	ug/l #	52
20) Methylene Chloride	4.698	84	96	1.624	ug/l #	29
76) 1,2,3-Trichloropropane	12.489	75	85	55.316	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	85	122.991	ug/l #	7
95) Naphthalene	15.239	128	277	52.647	ug/l #	69

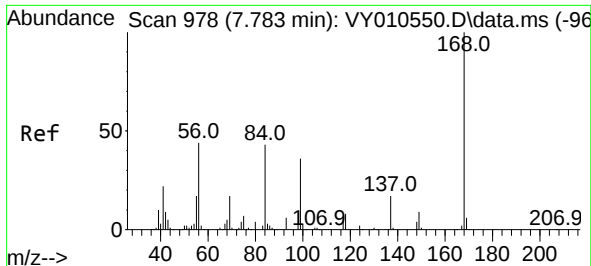
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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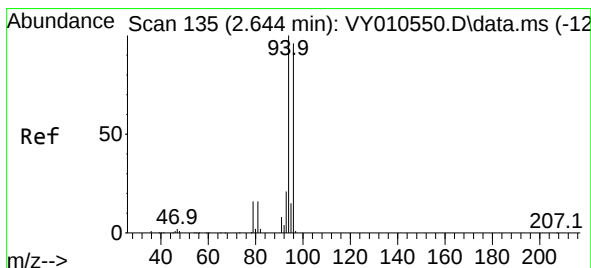
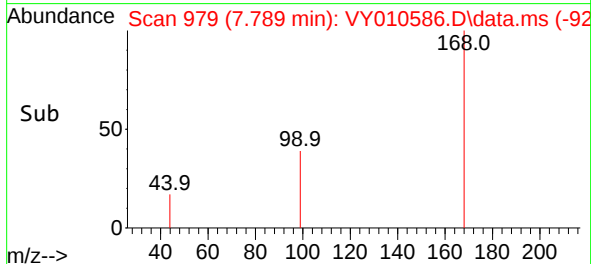
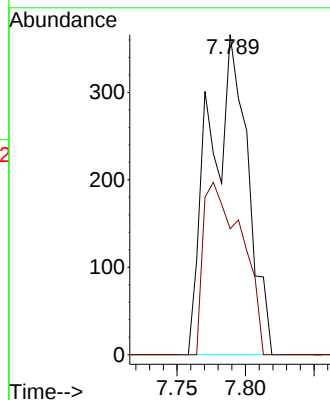
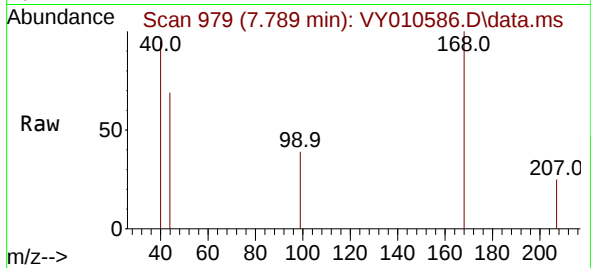




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010586.D
Acq: 20 Sep 2022 19:31

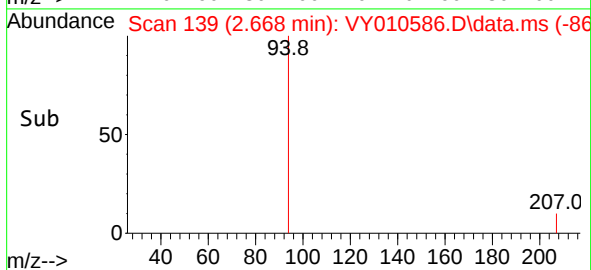
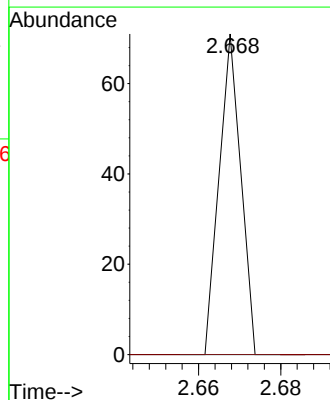
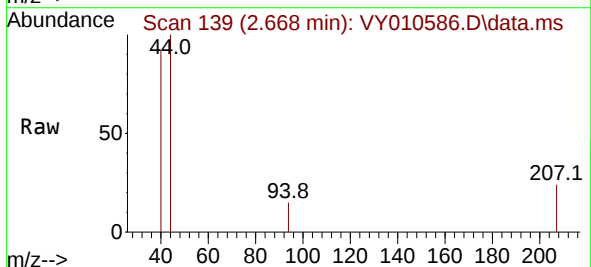
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-6.5-7.0

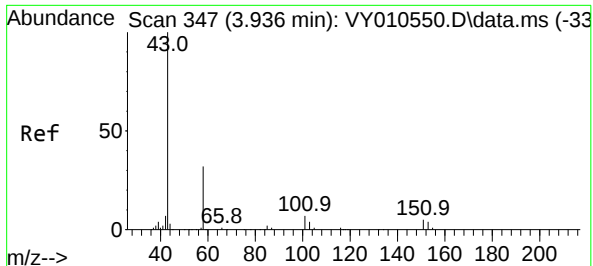
Tgt Ion:168 Resp: 706
Ion Ratio Lower Upper
168 100
99 39.3 46.9 70.3#



#5
Bromomethane
Concen: 1.433 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.024 min
Lab File: VY010586.D
Acq: 20 Sep 2022 19:31

Tgt Ion: 94 Resp: 26
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#

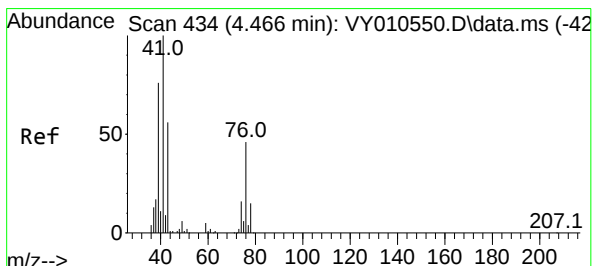
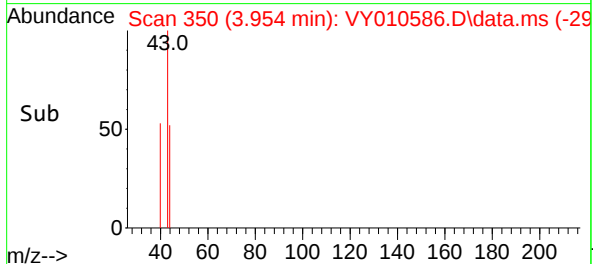
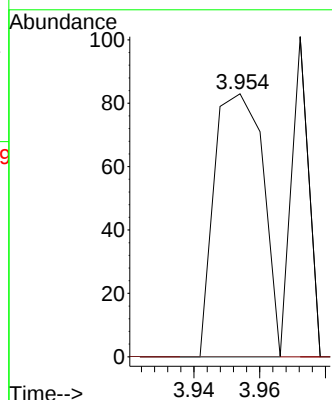
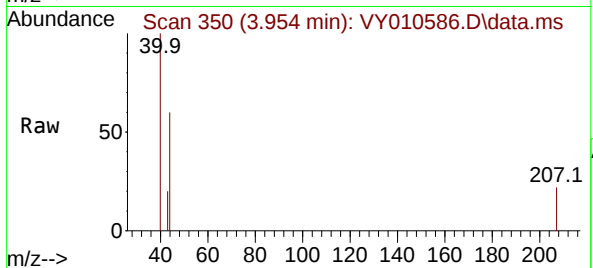




#16
Acetone
Concen: 61.726 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY010586.D
Acq: 20 Sep 2022 19:31

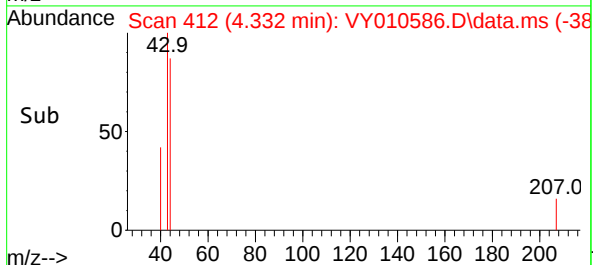
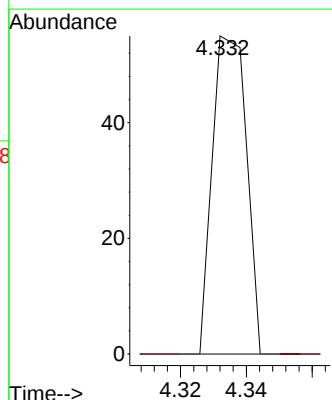
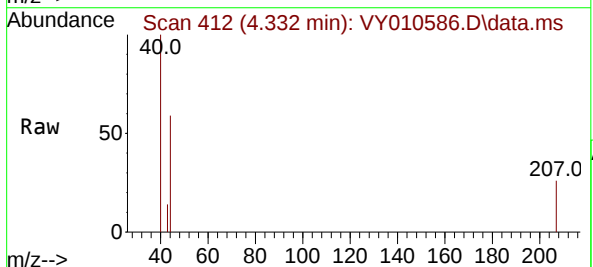
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-6.5-7.0

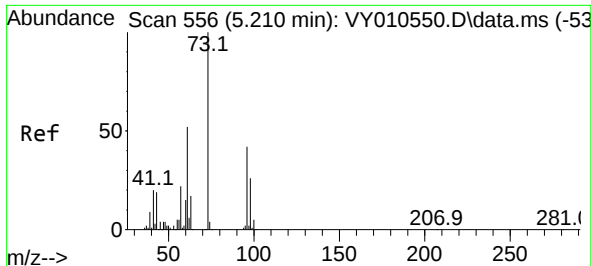
Tgt Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: 8.290 ug/l
RT: 4.332 min Scan# 412
Delta R.T. -0.134 min
Lab File: VY010586.D
Acq: 20 Sep 2022 19:31

Tgt Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 1.222 ug/l

RT: 5.283 min Scan# 5

Delta R.T. 0.073 min

Lab File: VY010586.D

Acq: 20 Sep 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

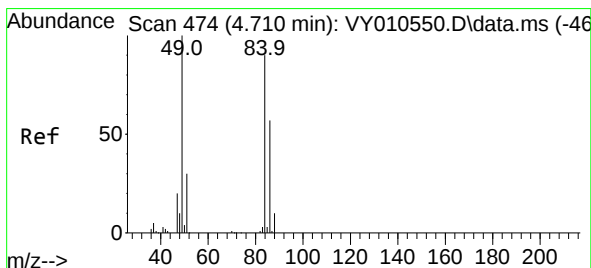
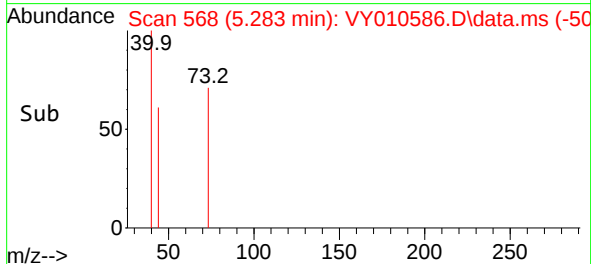
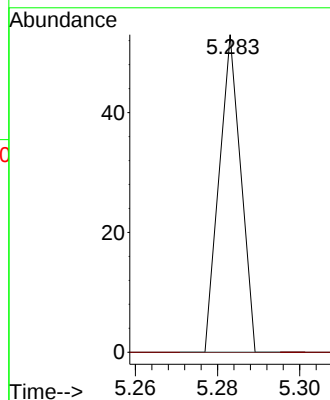
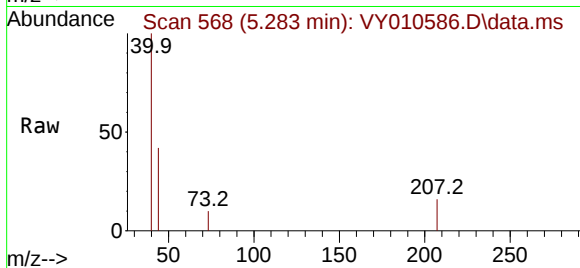
SB-18-6.5-7.0

Tgt Ion: 73 Resp: 19

Ion Ratio Lower Upper

73 100

57 0.0 18.6 27.8#



#20

Methylene Chloride

Concen: 1.624 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.012 min

Lab File: VY010586.D

Acq: 20 Sep 2022 19:31

Tgt Ion: 84 Resp: 96

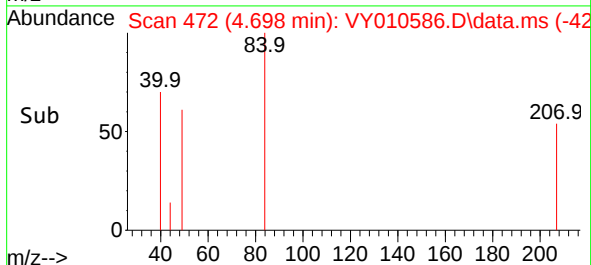
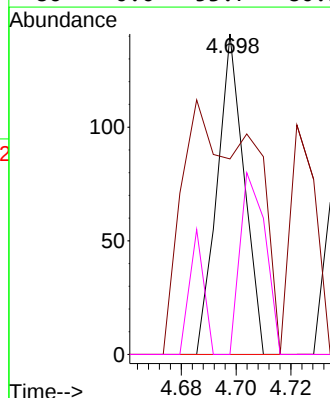
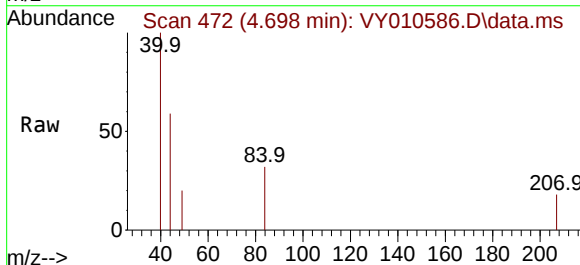
Ion Ratio Lower Upper

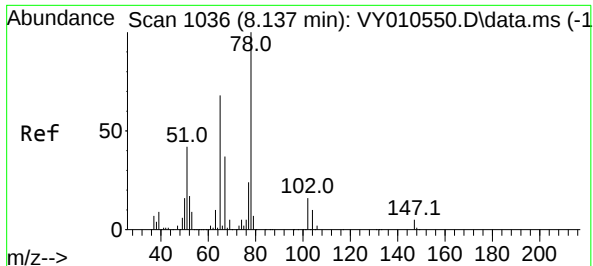
84 100

49 61.0 114.4 171.6#

51 0.0 35.3 52.9#

86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 90.038 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY010586.D

Acq: 20 Sep 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

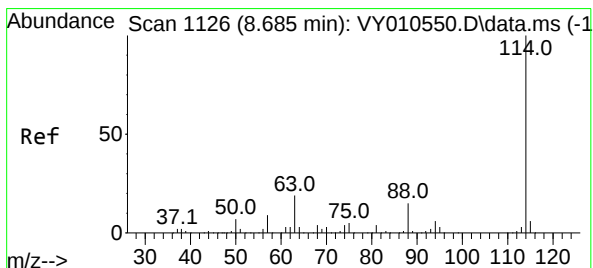
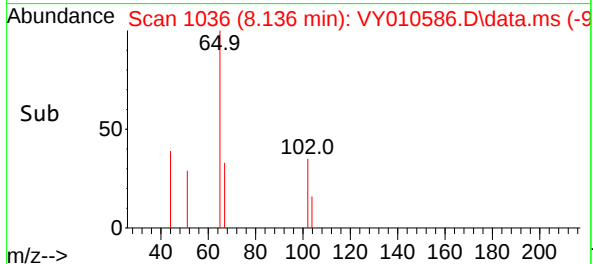
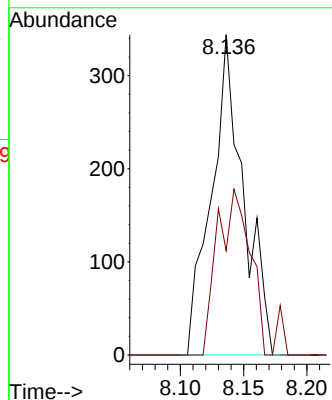
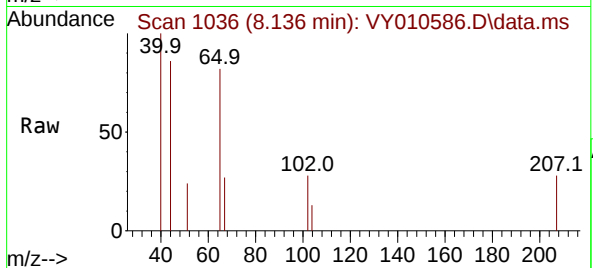
SB-18-6.5-7.0

Tgt Ion: 65 Resp: 608

Ion Ratio Lower Upper

65 100

67 52.6 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: VY010586.D

Acq: 20 Sep 2022 19:31

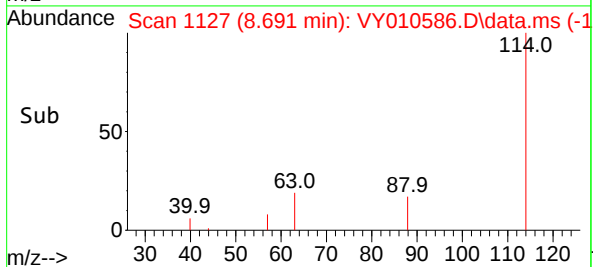
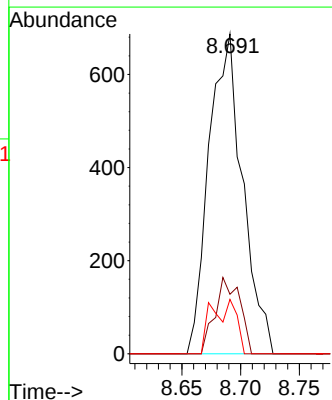
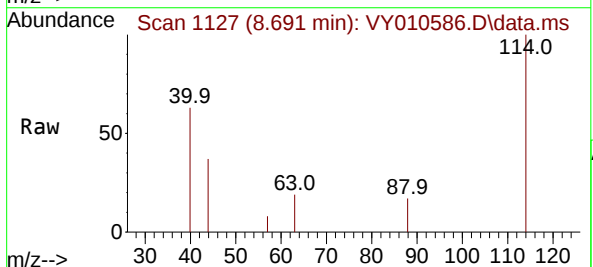
Tgt Ion: 114 Resp: 1368

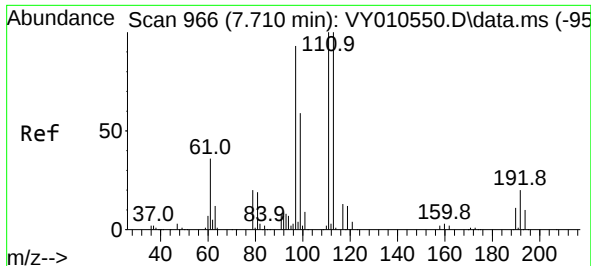
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 17.0 0.0 31.8

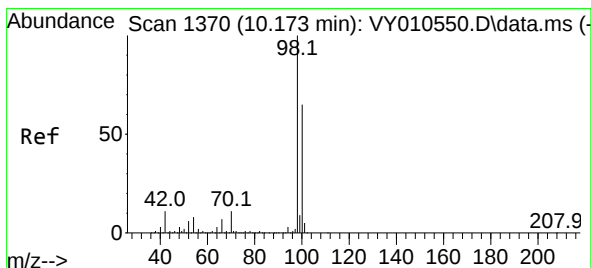
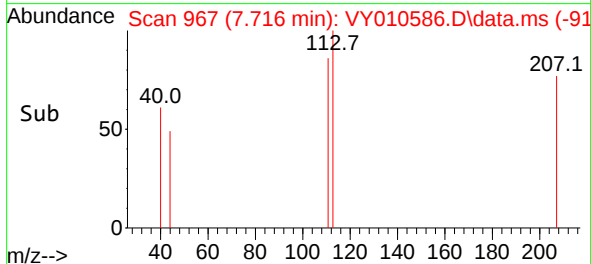
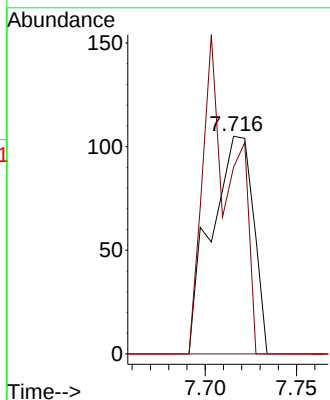
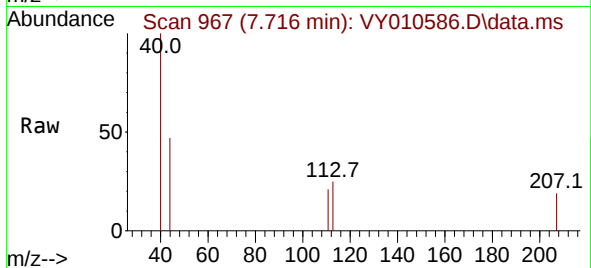




#35
 Dibromofluoromethane
 Concen: 19.243 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY010586.D
 Acq: 20 Sep 2022 19:31

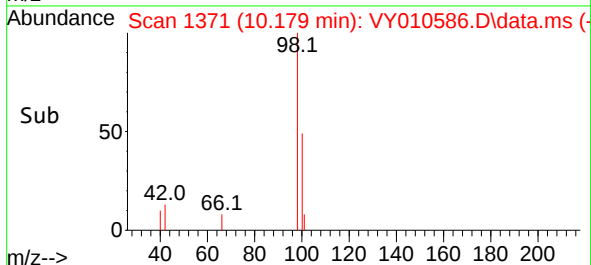
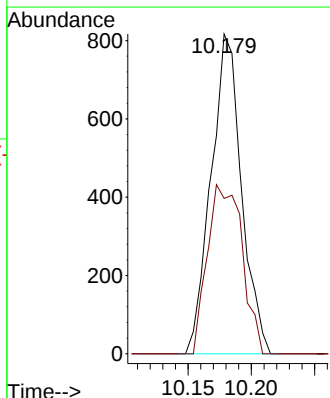
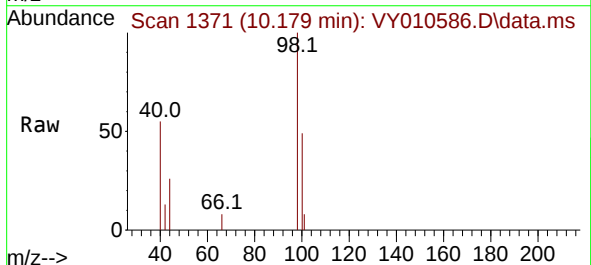
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 SB-18-6.5-7.0

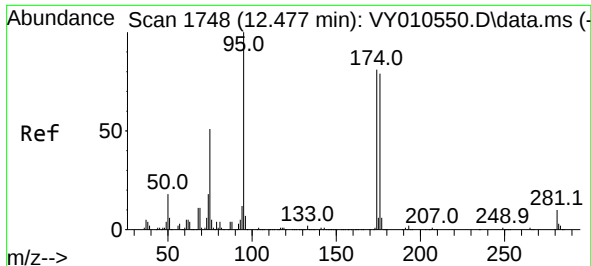
Tgt Ion:113	Resp:	168	
Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.6	124.0
192	0.0	17.6	26.4#



#50
 Toluene-d8
 Concen: 42.872 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.005 min
 Lab File: VY010586.D
 Acq: 20 Sep 2022 19:31

Tgt Ion: 98	Resp:	1368	
Ion Ratio	Lower	Upper	
98 100			
100 60.2	50.2	75.2	

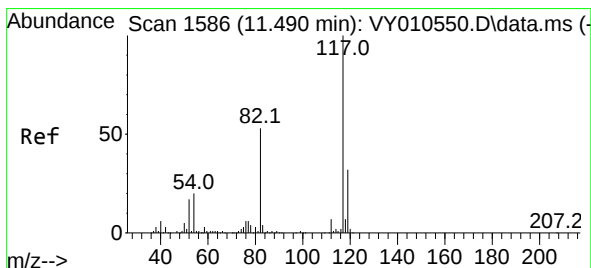
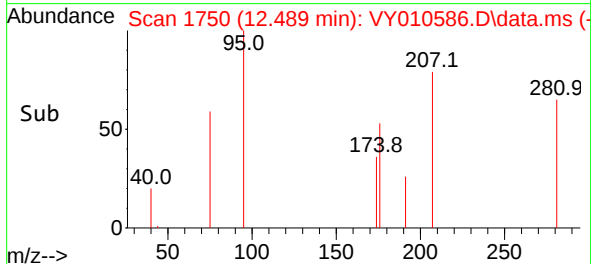
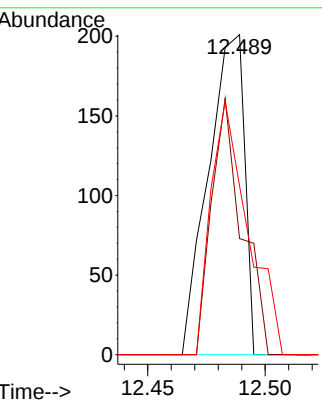
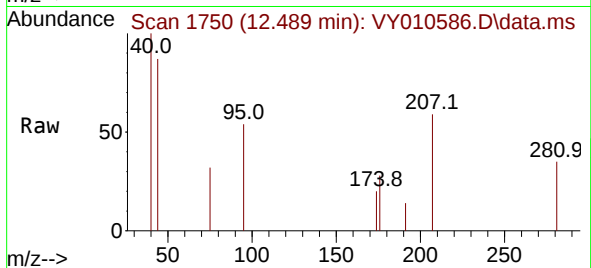




#62
4-Bromofluorobenzene
Concen: 16.124 ug/l
RT: 12.489 min Scan# 1748
Delta R.T. 0.012 min
Lab File: VY010586.D
Acq: 20 Sep 2022 19:31

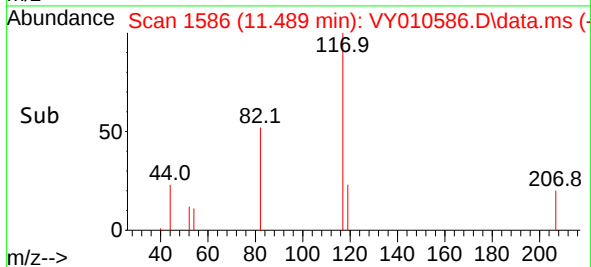
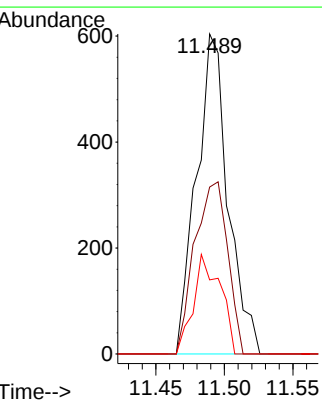
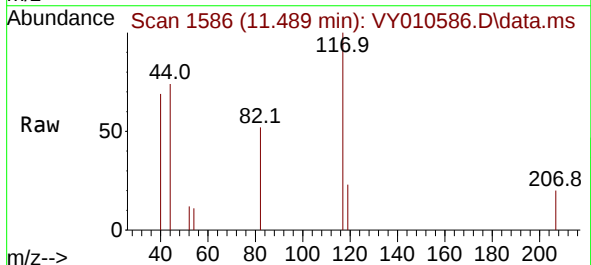
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SB-18-6.5-7.0

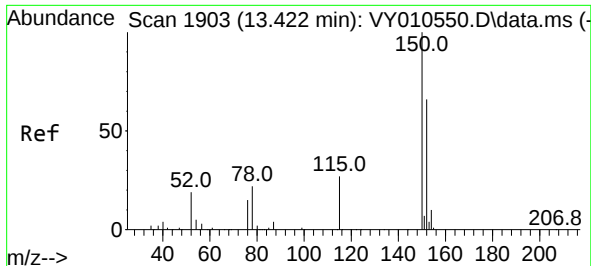
Tgt Ion: 95 Resp: 215
Ion Ratio Lower Upper
95 100
174 67.9 0.0 177.0
176 81.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010586.D
Acq: 20 Sep 2022 19:31

Tgt Ion: 117 Resp: 965
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 23.2 25.4 38.0#

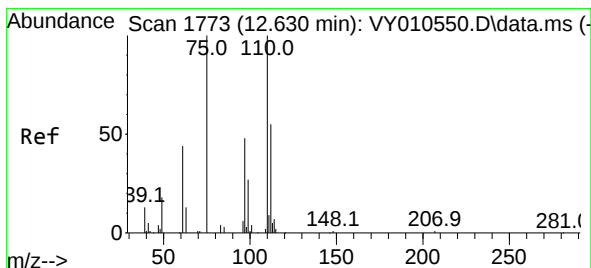
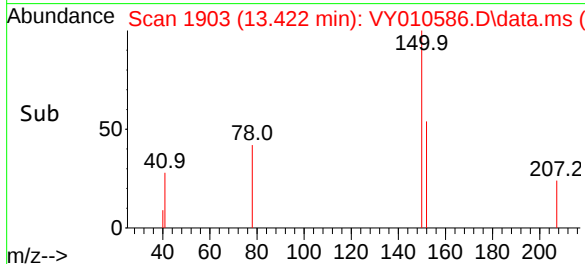
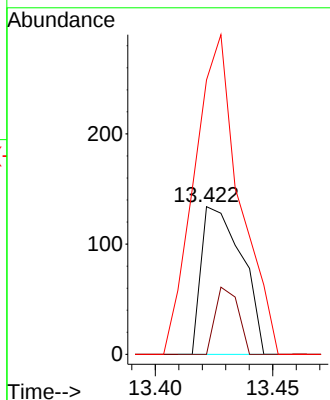
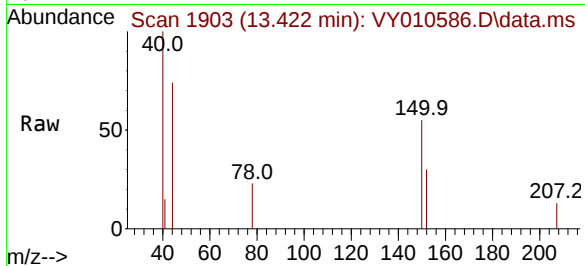




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010586.D
Acq: 20 Sep 2022 19:31

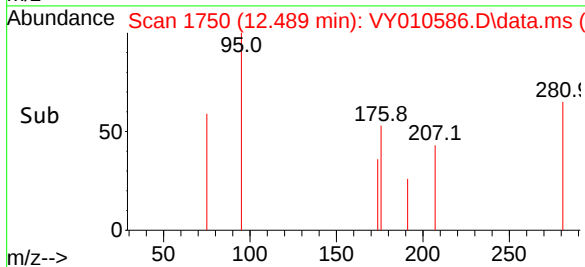
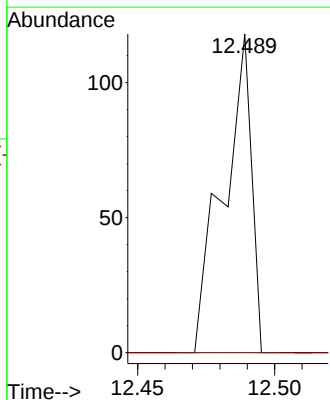
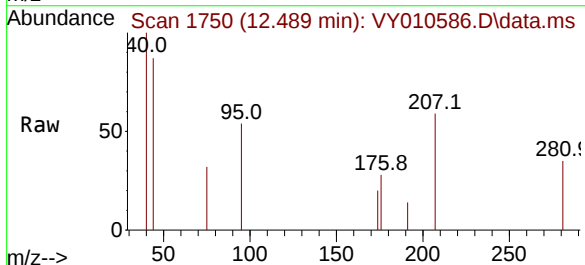
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-6.5-7.0

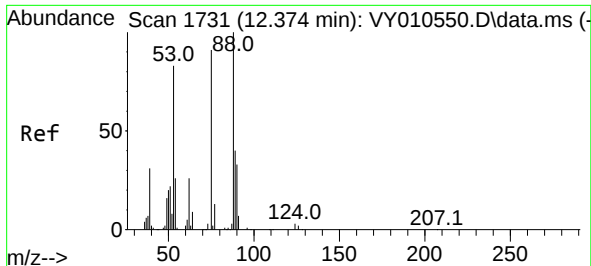
Tgt Ion:152 Resp: 161
Ion Ratio Lower Upper
152 100
115 25.5 28.2 84.7#
150 242.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 55.316 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.141 min
Lab File: VY010586.D
Acq: 20 Sep 2022 19:31

Tgt Ion: 75 Resp: 85
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

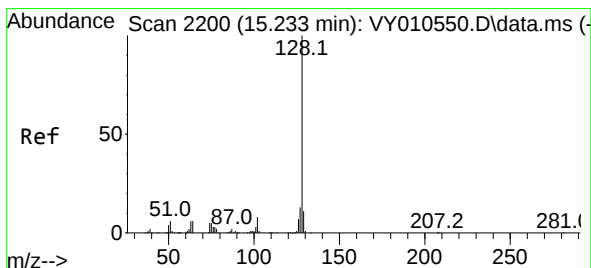
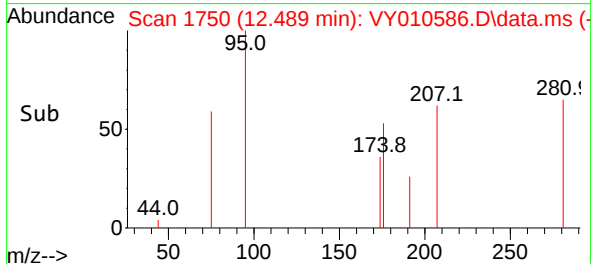
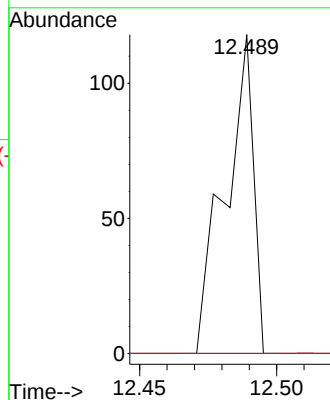
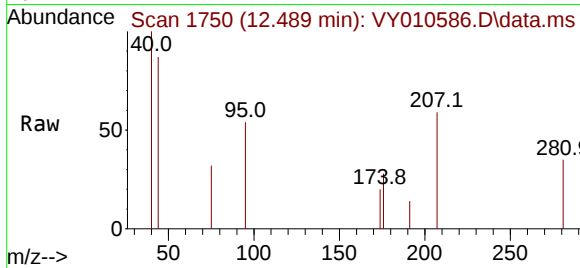




#81
trans-1,4-Dichloro-2-butene
Concen: 122.991 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.115 min
Lab File: VY010586.D
Acq: 20 Sep 2022 19:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-18-6.5-7.0

Tgt Ion: 75 Resp: 85
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 52.647 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY010586.D
Acq: 20 Sep 2022 19:31

Tgt Ion: 128 Resp: 277
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

