

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010679.D
 Acq On : 26 Sep 2022 18:21
 Operator : KP/MD
 Sample : N4780-21
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

Quant Time: Sep 27 06:28:23 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)

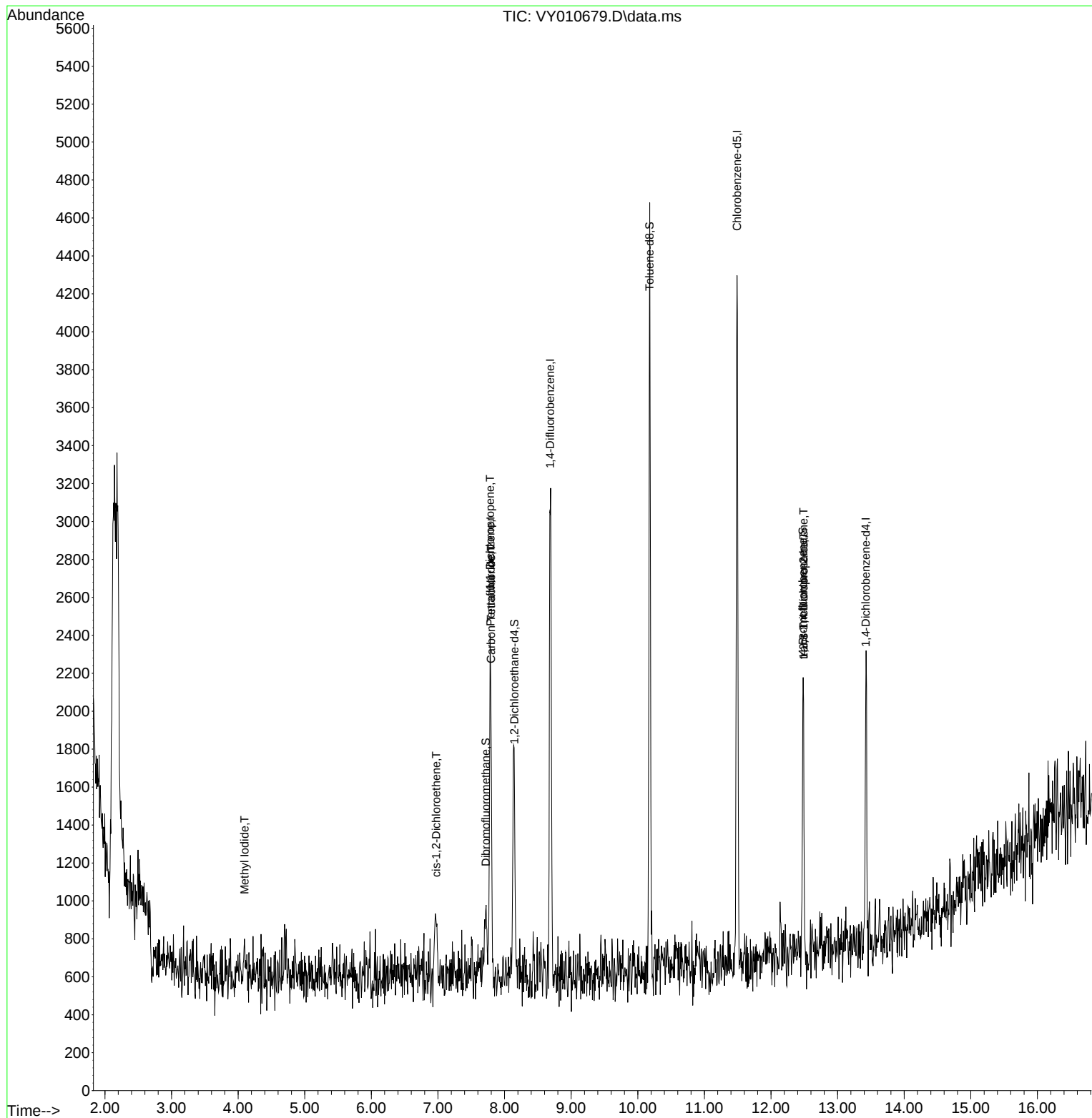
Internal Standards						
1) Pentafluorobenzene	7.789	168	1842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	3043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1044	59.257	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.520%	
35) Dibromofluoromethane	7.716	113	353	18.177	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 36.360%#	
50) Toluene-d8	10.179	98	2731	38.796	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 77.600%	
62) 4-Bromofluorobenzene	12.477	95	593	20.678	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 41.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	50	Below Cal	#	44
10) Methyl Iodide	4.095	142	143	8.498	ug/l #	35
20) Methylene Chloride	4.716	84	199	Below Cal	#	25
27) cis-1,2-Dichloroethene	6.972	96	21	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	51	2.357	ug/l #	42
38) Carbon Tetrachloride	7.795	117	93	3.738	ug/l #	11
76) 1,2,3-Trichloropropane	12.489	75	294	58.562	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	294	130.209	ug/l #	7

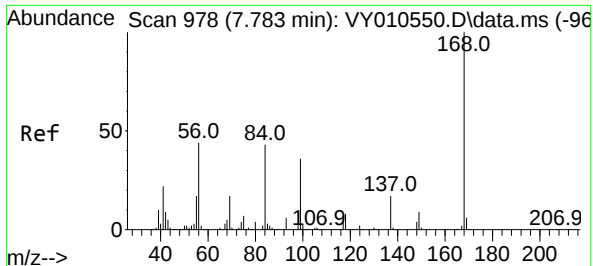
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

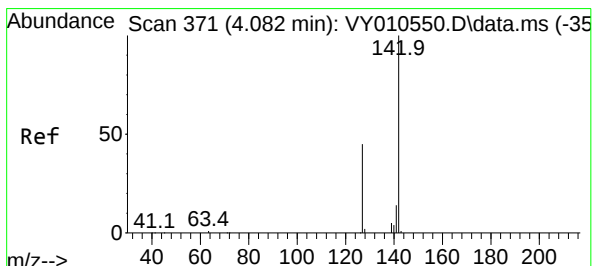
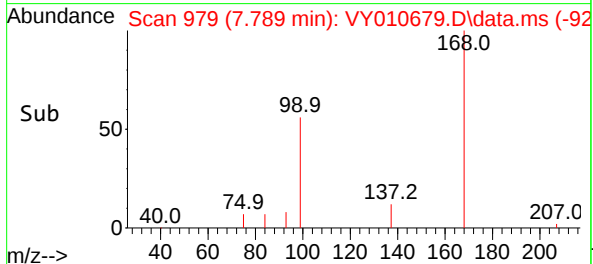
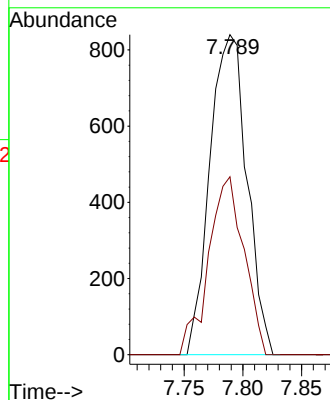
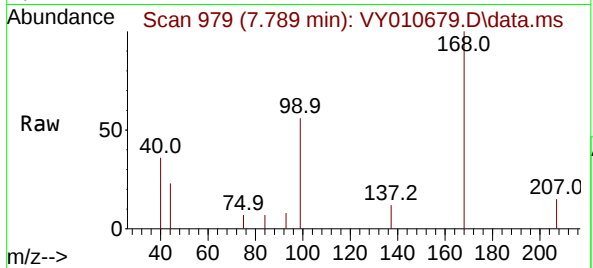




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010679.D
Acq: 26 Sep 2022 18:21

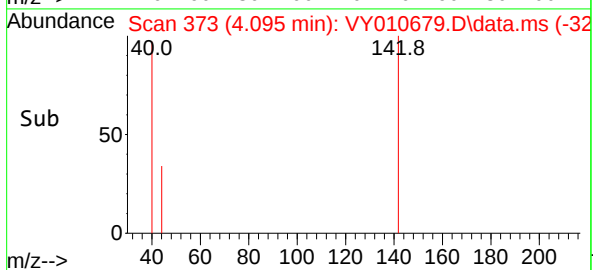
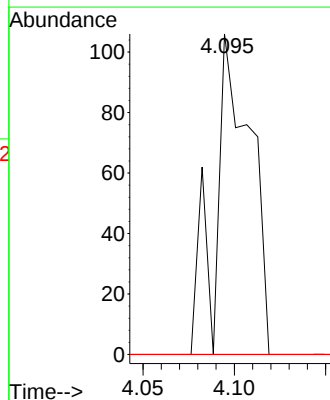
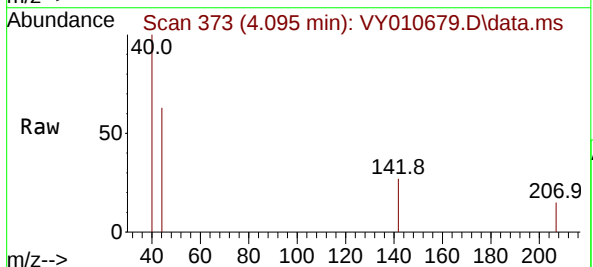
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

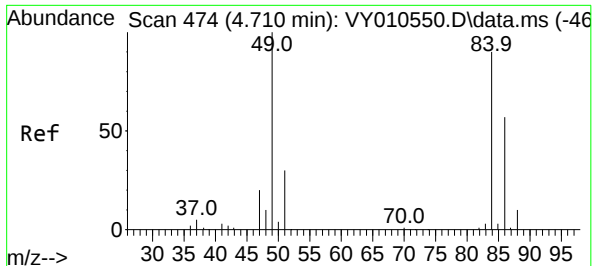
Tgt Ion:168 Resp: 1842
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#10
Methyl Iodide
Concen: 8.498 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY010679.D
Acq: 26 Sep 2022 18:21

Tgt Ion:142 Resp: 143
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY010679.D

Acq: 26 Sep 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

Tgt Ion: 84 Resp: 199

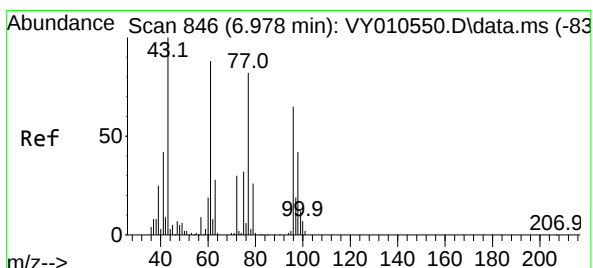
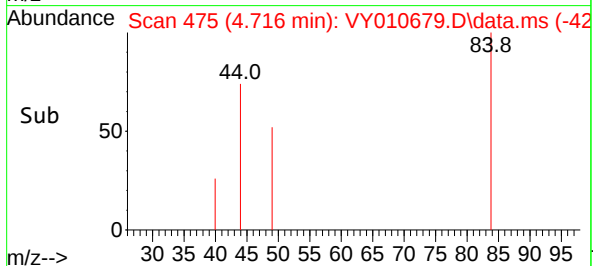
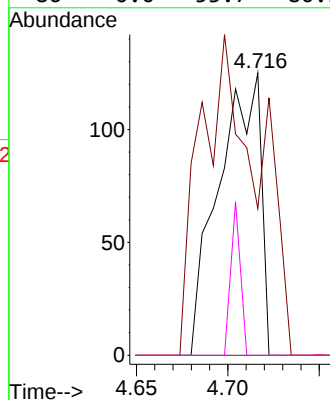
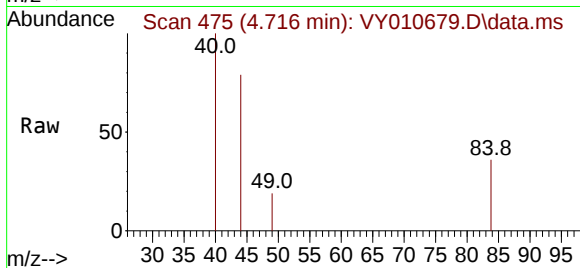
Ion Ratio Lower Upper

84 100

49 52.0 114.4 171.6#

51 0.0 35.3 52.9#

86 0.0 53.7 80.5#



#27

cis-1,2-Dichloroethene

Concen: 1.152 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010679.D

Acq: 26 Sep 2022 18:21

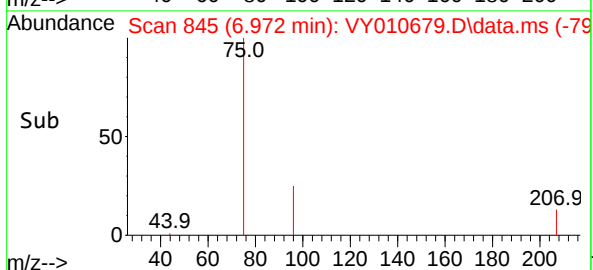
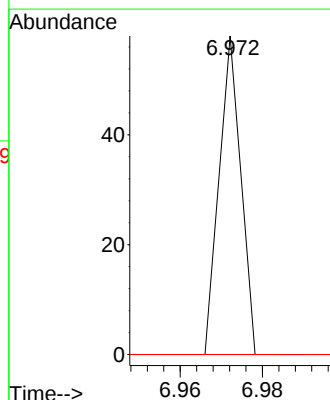
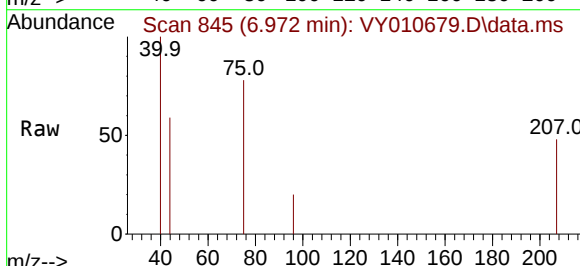
Tgt Ion: 96 Resp: 21

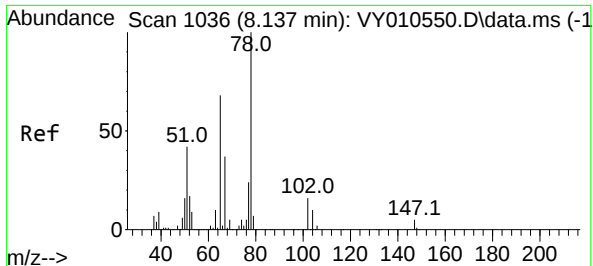
Ion Ratio Lower Upper

96 100

61 0.0 0.0 319.8

98 0.0 0.0 127.0





#33

1,2-Dichloroethane-d4

Concen: 59.257 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY010679.D

Acq: 26 Sep 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

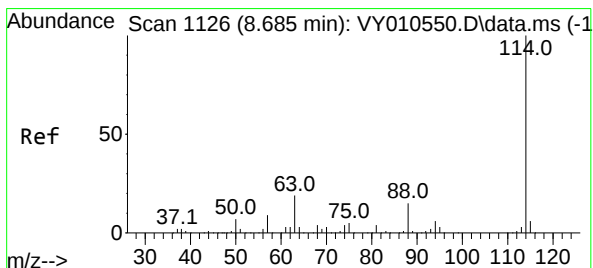
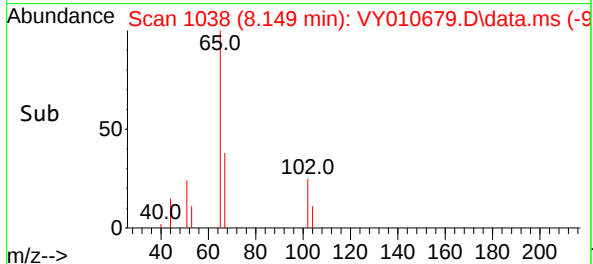
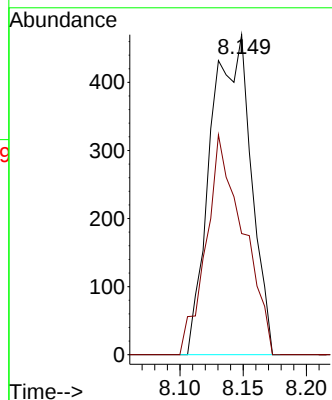
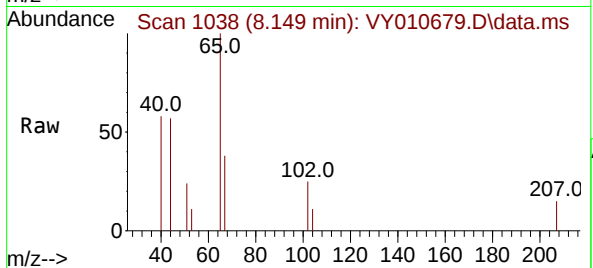
SP-3

Tgt Ion: 65 Resp: 1044

Ion Ratio Lower Upper

65 100

67 62.9 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: VY010679.D

Acq: 26 Sep 2022 18:21

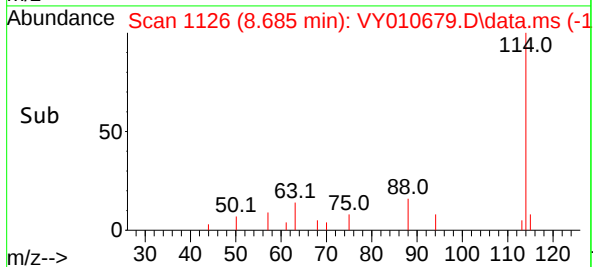
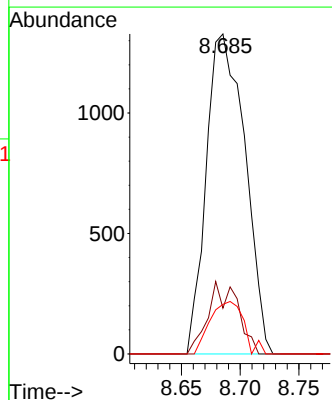
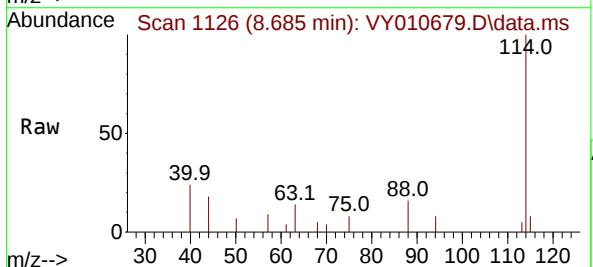
Tgt Ion: 114 Resp: 3043

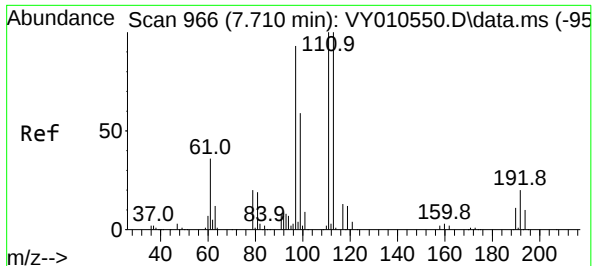
Ion Ratio Lower Upper

114 100

63 14.3 0.0 43.2

88 15.5 0.0 31.8

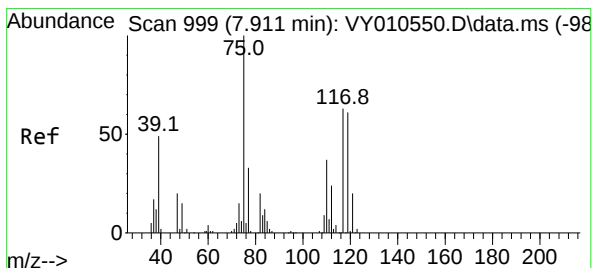
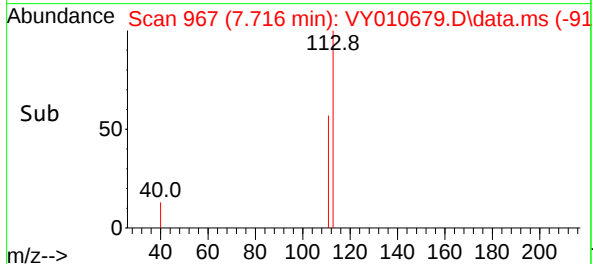
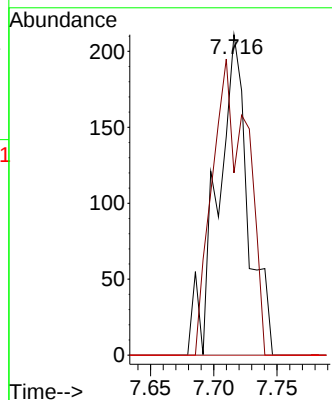
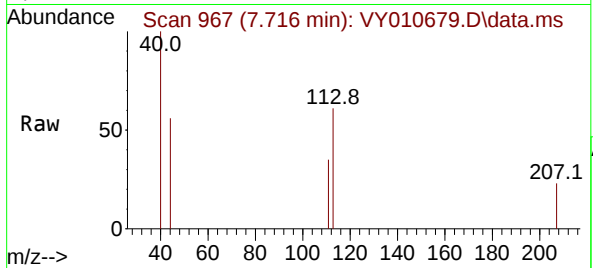




#35
Dibromofluoromethane
Concen: 18.177 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010679.D
Acq: 26 Sep 2022 18:21

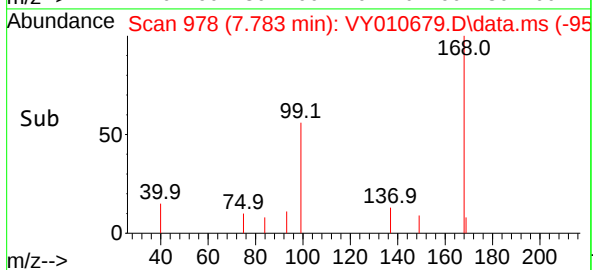
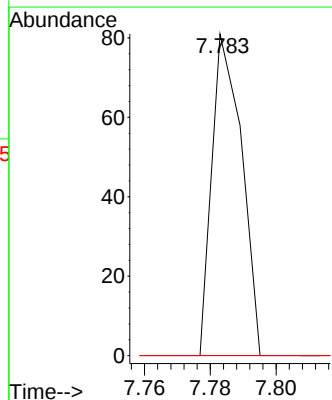
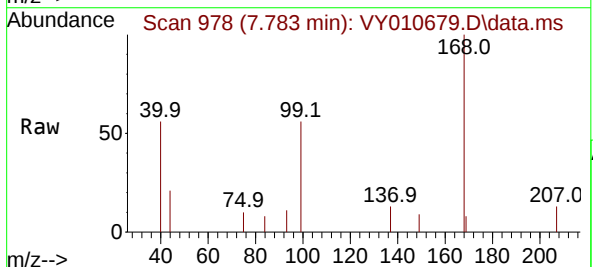
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

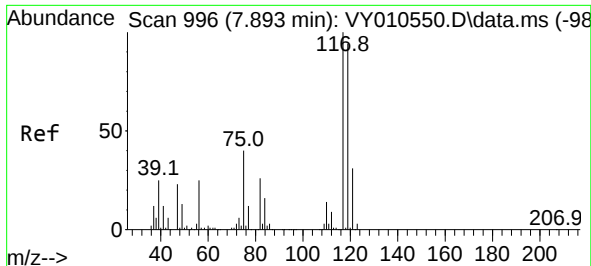
Tgt Ion:113 Resp: 353
Ion Ratio Lower Upper
113 100
111 106.2 82.6 124.0
192 0.0 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 2.357 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010679.D
Acq: 26 Sep 2022 18:21

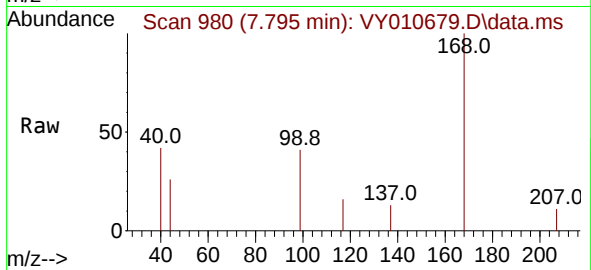
Tgt Ion: 75 Resp: 51
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



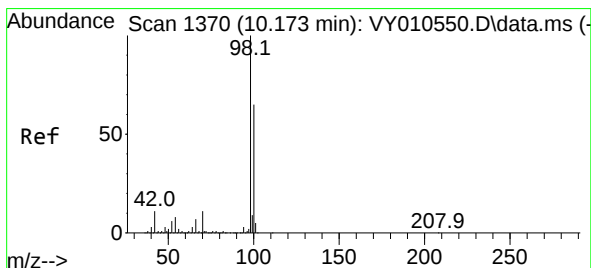
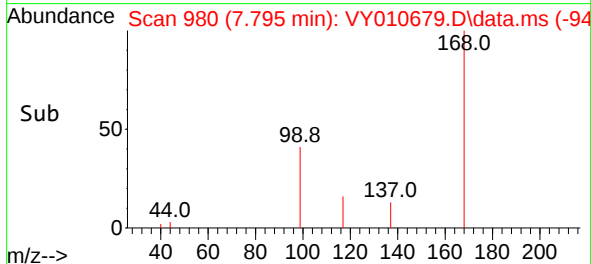
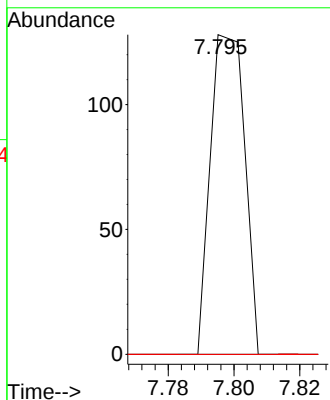


#38
Carbon Tetrachloride
Concen: 3.738 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY010679.D
Acq: 26 Sep 2022 18:21

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

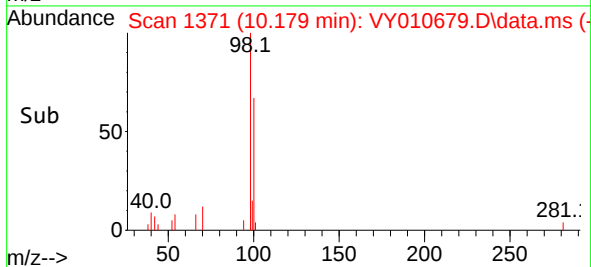
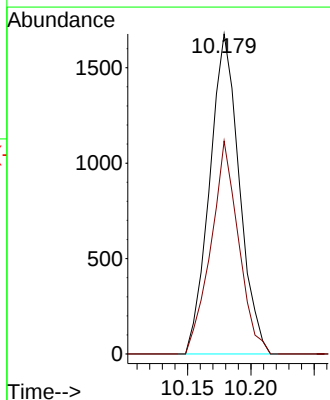
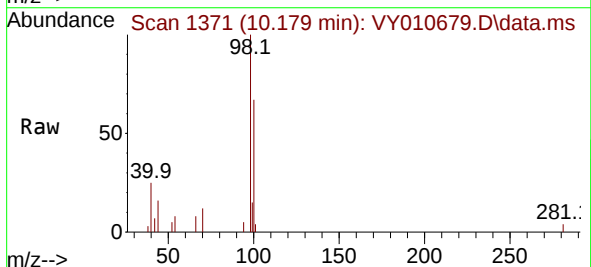


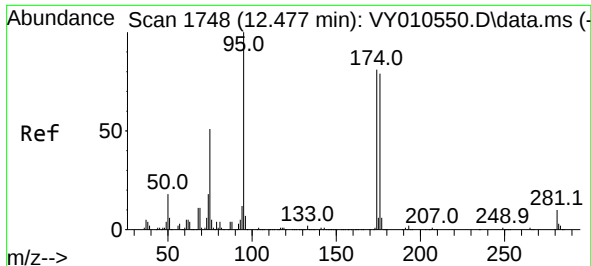
Tgt Ion:117 Resp: 93
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 38.796 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010679.D
Acq: 26 Sep 2022 18:21

Tgt Ion: 98 Resp: 2731
Ion Ratio Lower Upper
98 100
100 62.1 50.2 75.2

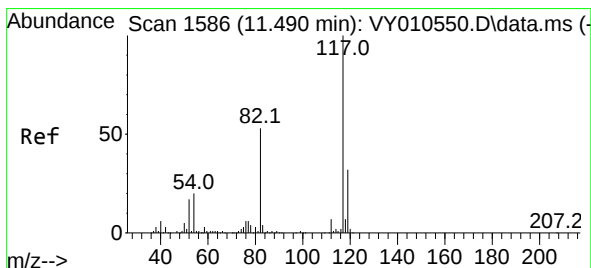
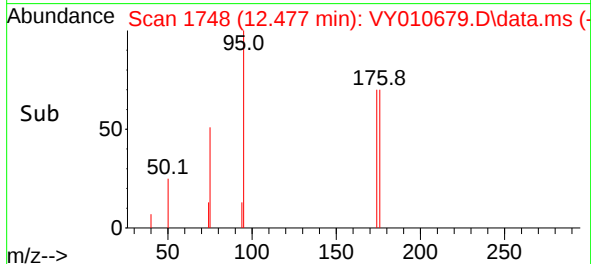
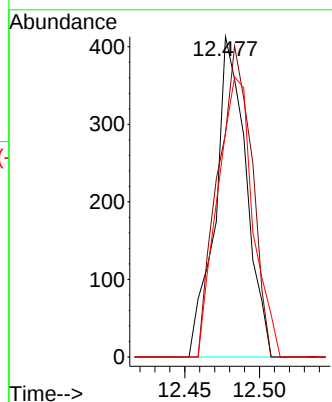
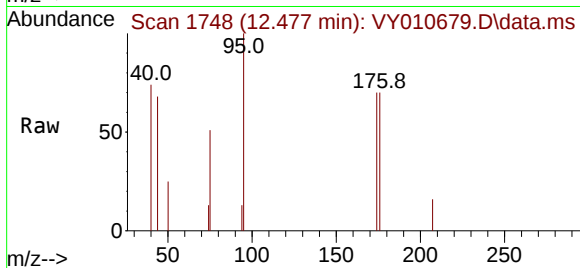




#62
4-Bromofluorobenzene
Concen: 20.678 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010679.D
Acq: 26 Sep 2022 18:21

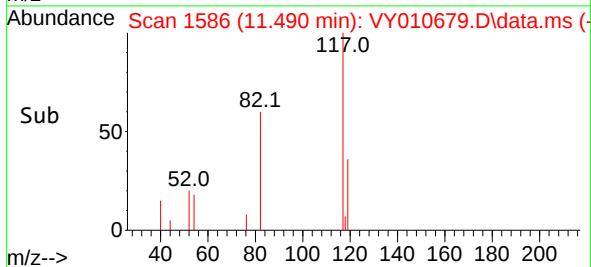
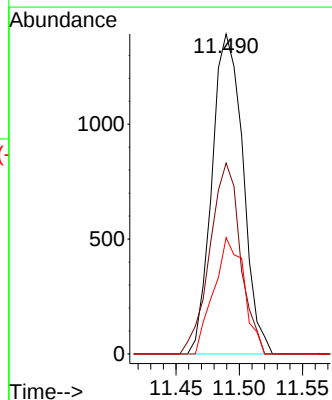
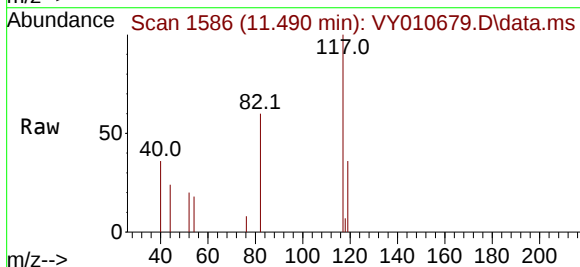
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

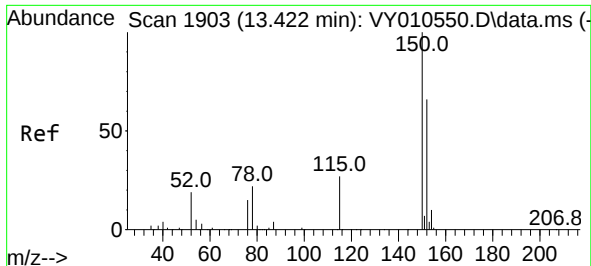
Tgt Ion: 95 Resp: 593
Ion Ratio Lower Upper
95 100
174 106.1 0.0 177.0
176 100.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010679.D
Acq: 26 Sep 2022 18:21

Tgt Ion: 117 Resp: 2374
Ion Ratio Lower Upper
117 100
82 59.7 43.0 64.4
119 36.3 25.4 38.0

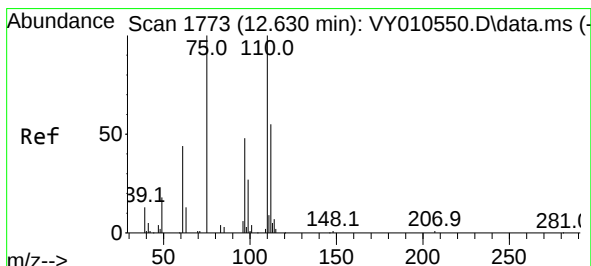
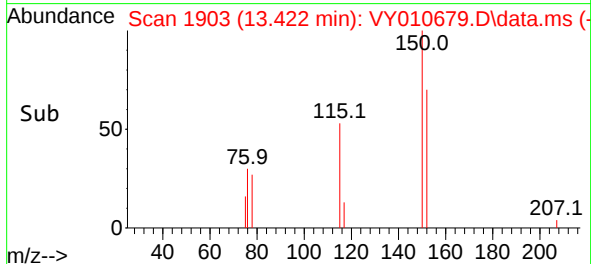
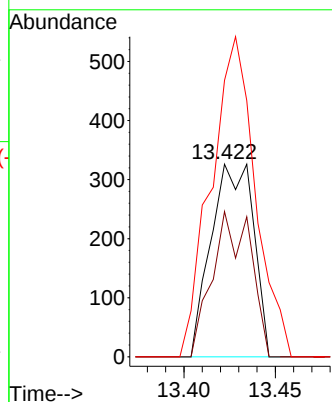
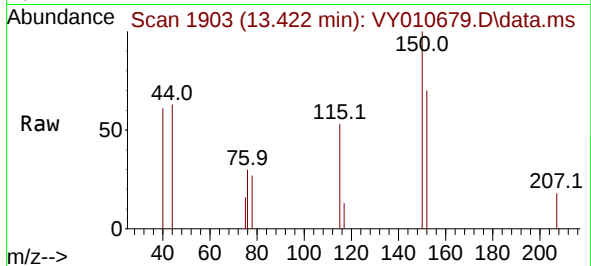




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010679.D
 Acq: 26 Sep 2022 18:21

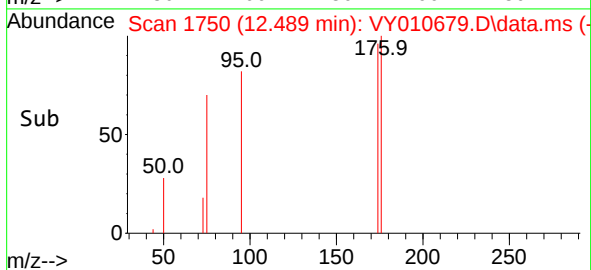
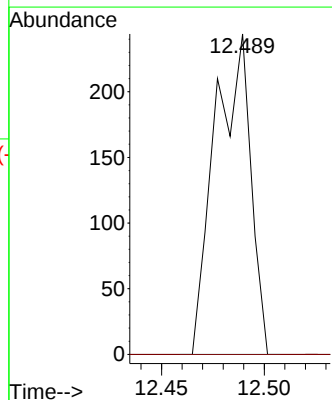
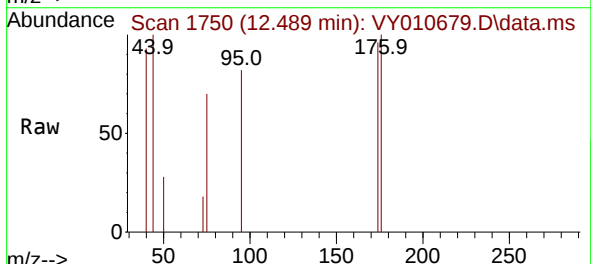
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

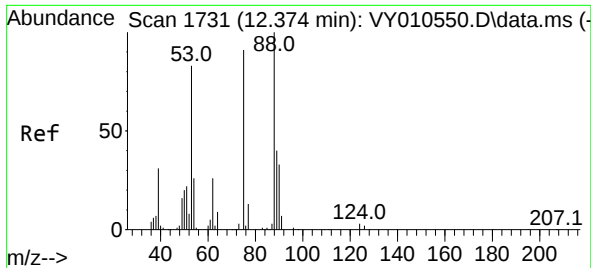
Tgt Ion:152 Resp: 526
 Ion Ratio Lower Upper
 152 100
 115 68.3 28.2 84.7
 150 173.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 58.562 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.141 min
 Lab File: VY010679.D
 Acq: 26 Sep 2022 18:21

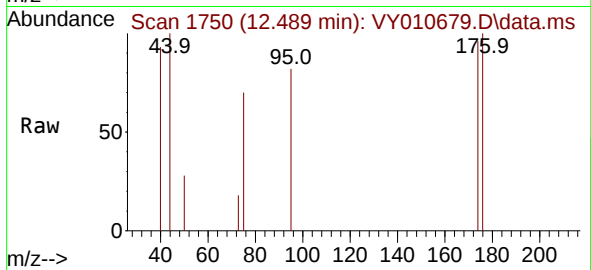
Tgt Ion: 75 Resp: 294
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.209 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.115 min
 Lab File: VY010679.D
 Acq: 26 Sep 2022 18:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3



Tgt Ion:	75	Resp:	294
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

