

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008564.D
 Acq On : 29 Apr 2022 17:10
 Operator : KP/MD
 Sample : N2600-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15S

Quant Time: Apr 30 00:39:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

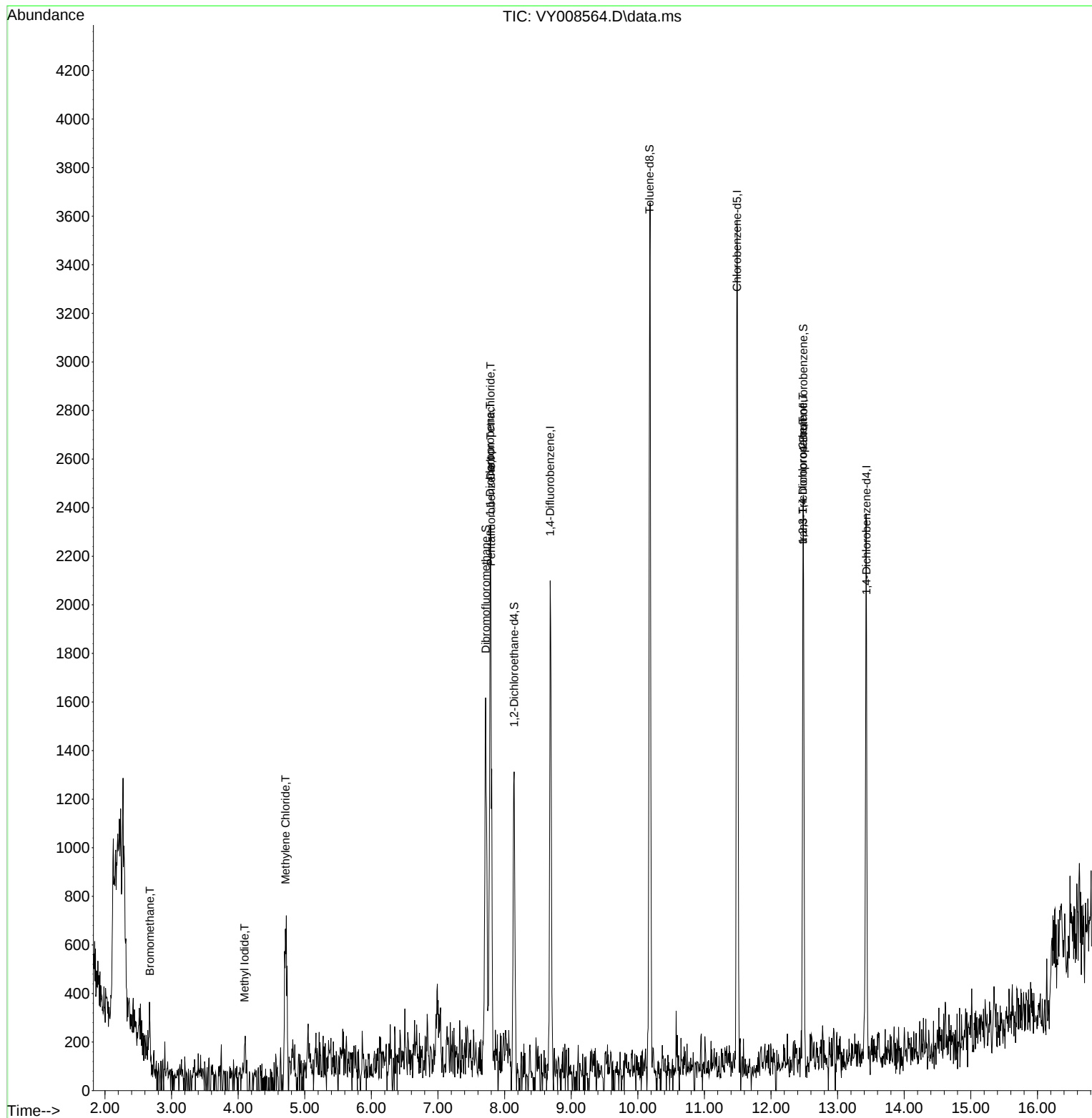
Internal Standards						
1) Pentafluorobenzene	7.795	168	2153	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	2336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2234	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1030	40.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.320%
35) Dibromofluoromethane	7.716	113	1097	72.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.520%
50) Toluene-d8	10.179	98	2641	44.219	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.440%
62) 4-Bromofluorobenzene	12.483	95	791	38.964	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.920%
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	112	3.013	ug/l	85
10) Methyl Iodide	4.095	142	206	7.820	ug/l #	59
20) Methylene Chloride	4.710	84	548	13.333	ug/l #	48
36) 1,1-Dichloropropene	7.783	75	68	2.836	ug/l #	42
38) Carbon Tetrachloride	7.789	117	98	3.933	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	448	52.134	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	448	120.945	ug/l #	7

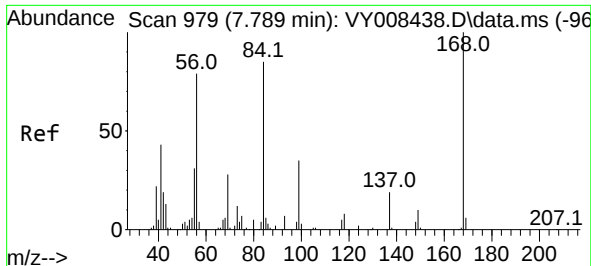
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
Data File : VY008564.D
Acq On : 29 Apr 2022 17:10
Operator : KP/MD
Sample : N2600-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-15S

Quant Time: Apr 30 00:39:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

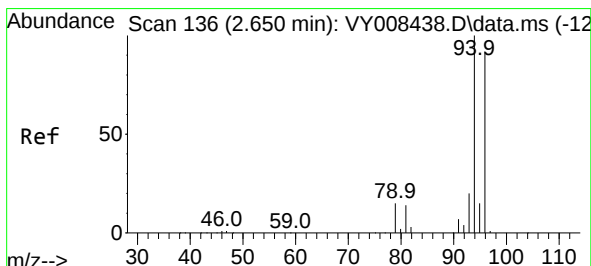
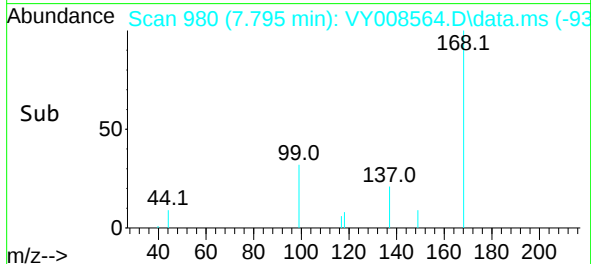
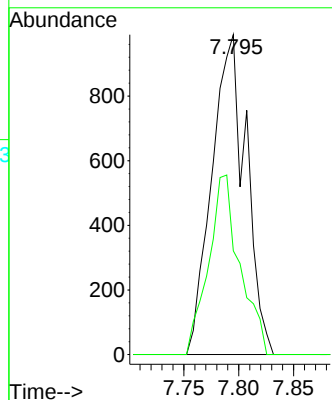
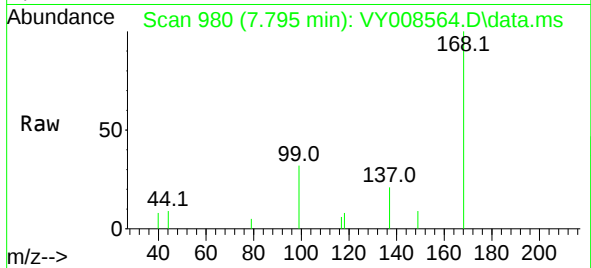




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008564.D
Acq: 29 Apr 2022 17:10

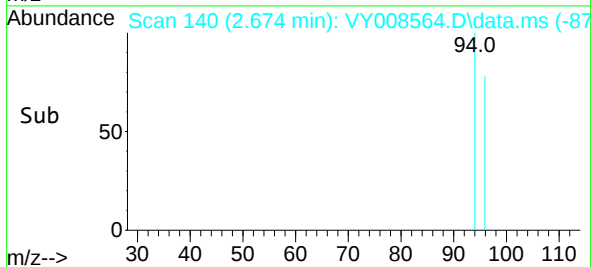
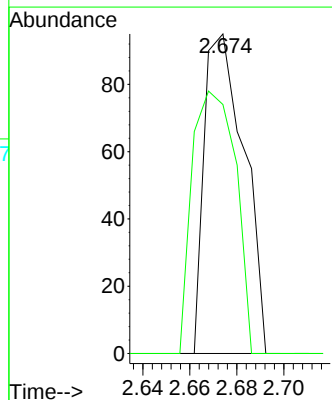
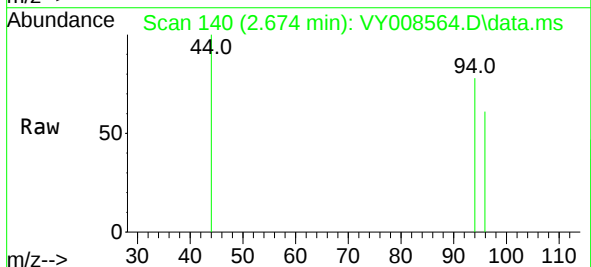
Instrument :
MSVOA_Y
ClientSampleId :
MH-15S

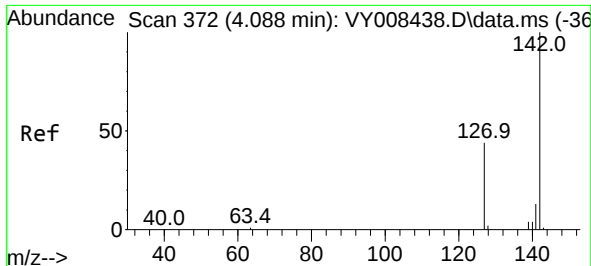
Tgt Ion:168 Resp: 2153
Ion Ratio Lower Upper
168 100
99 32.4 46.9 70.3#



#5
Bromomethane
Concen: 3.013 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.024 min
Lab File: VY008564.D
Acq: 29 Apr 2022 17:10

Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 77.9 73.5 110.3

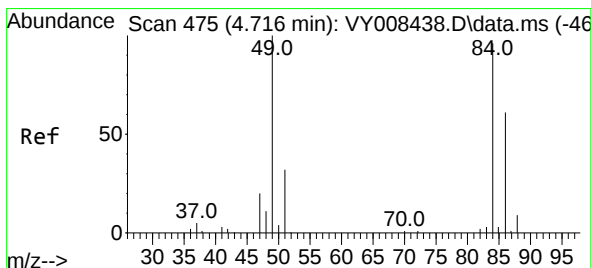
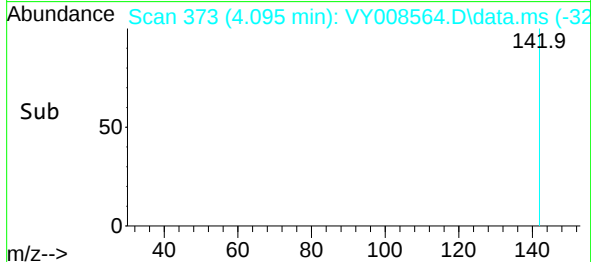
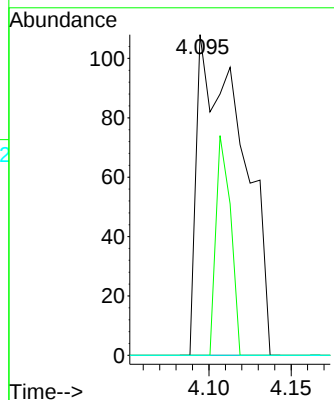
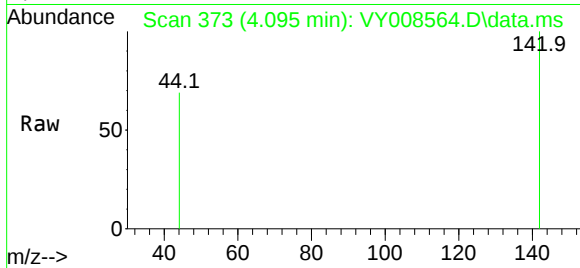




#10
Methyl Iodide
Concen: 7.820 ug/l
RT: 4.095 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY008564.D
Acq: 29 Apr 2022 17:10

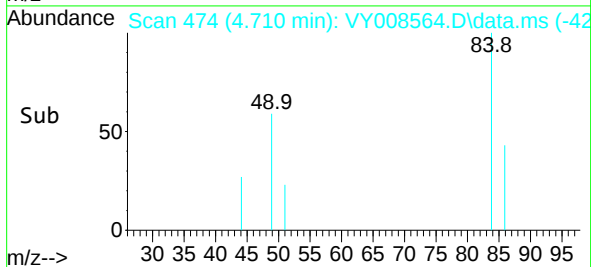
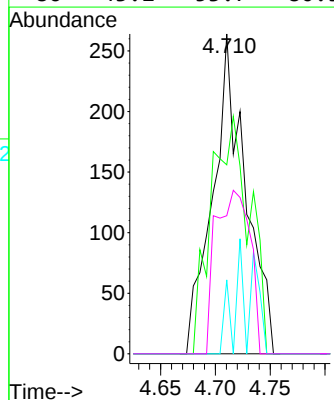
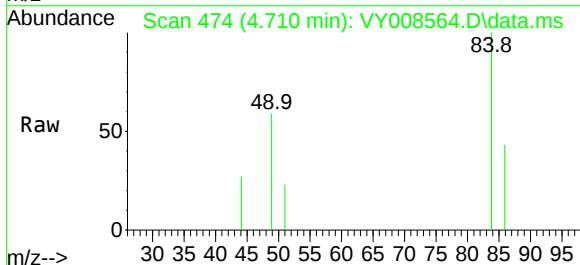
Instrument :
MSVOA_Y
ClientSampleId :
MH-15S

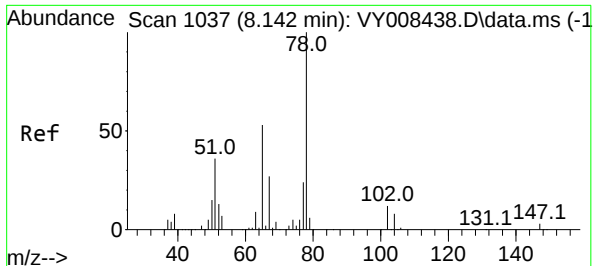
Tgt Ion:142 Resp: 206
Ion Ratio Lower Upper
142 100
127 22.3 41.5 62.3#
141 0.0 11.9 17.9#



#20
Methylene Chloride
Concen: 13.333 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY008564.D
Acq: 29 Apr 2022 17:10

Tgt Ion: 84 Resp: 548
Ion Ratio Lower Upper
84 100
49 59.1 114.4 171.6#
51 23.1 35.3 52.9#
86 43.2 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 40.659 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY008564.D

Acq: 29 Apr 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

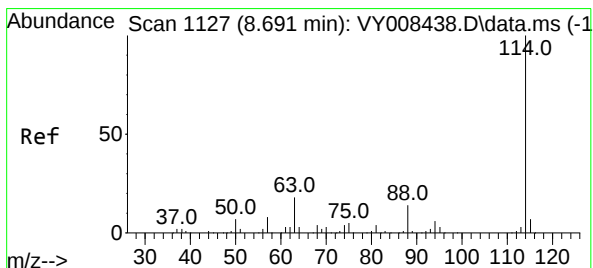
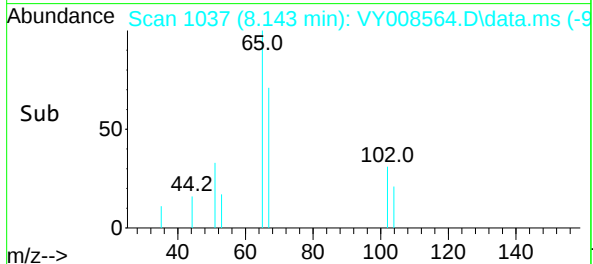
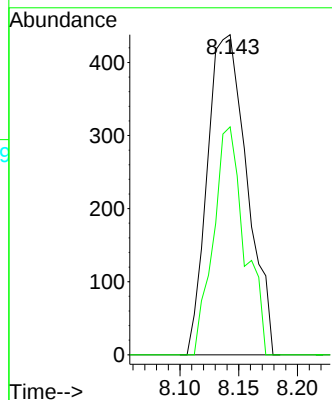
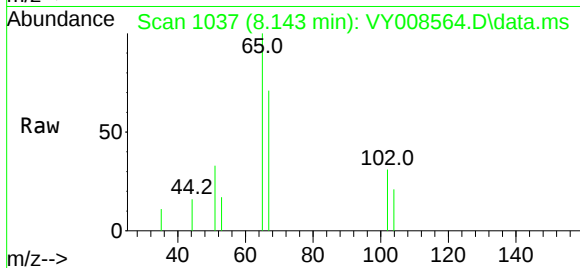
MH-15S

Tgt Ion: 65 Resp: 1030

Ion Ratio Lower Upper

65 100

67 56.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008564.D

Acq: 29 Apr 2022 17:10

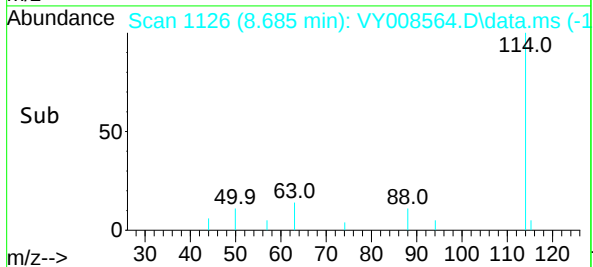
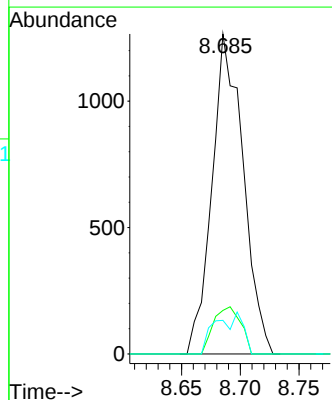
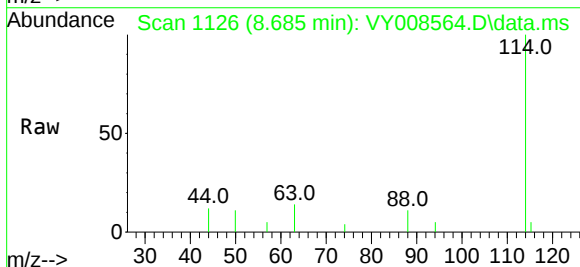
Tgt Ion: 114 Resp: 2336

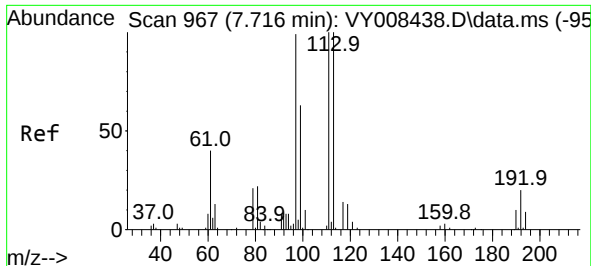
Ion Ratio Lower Upper

114 100

63 13.6 0.0 43.2

88 10.5 0.0 31.8

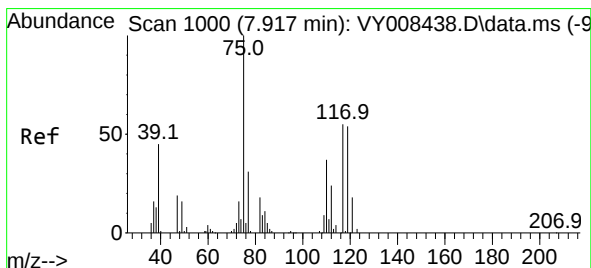
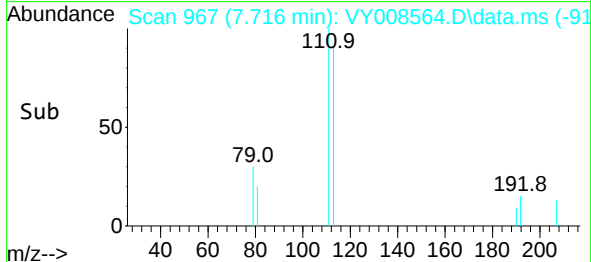
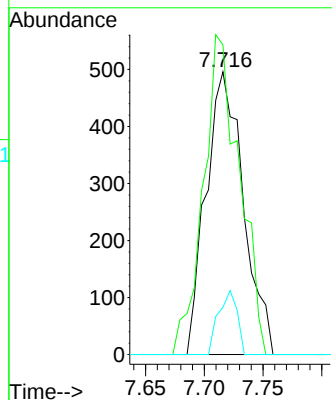
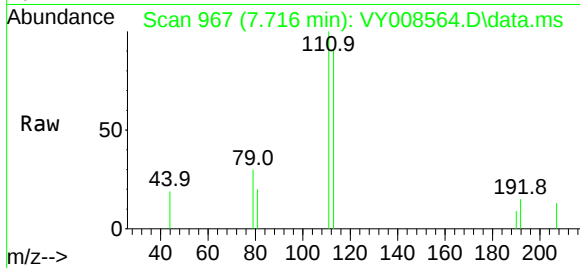




#35
 Dibromofluoromethane
 Concen: 72.764 ug/l
 RT: 7.716 min Scan# 910
 Delta R.T. -0.000 min
 Lab File: VY008564.D
 Acq: 29 Apr 2022 17:10

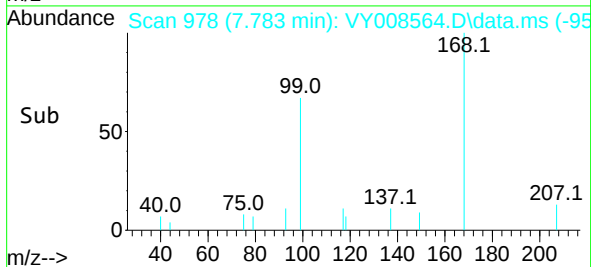
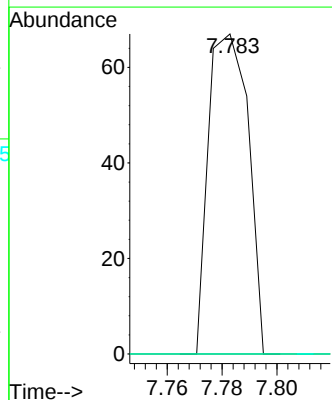
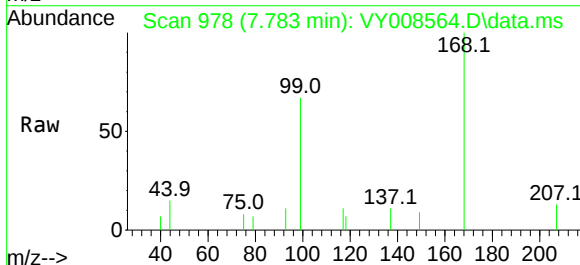
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15S

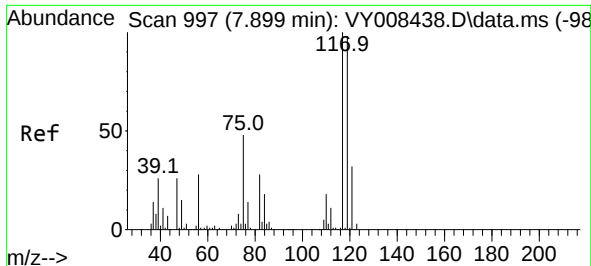
Tgt Ion:113 Resp: 1097
 Ion Ratio Lower Upper
 113 100
 111 108.9 82.6 124.0
 192 11.3 17.6 26.4#



#36
 1,1-Dichloropropene
 Concen: 2.836 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.134 min
 Lab File: VY008564.D
 Acq: 29 Apr 2022 17:10

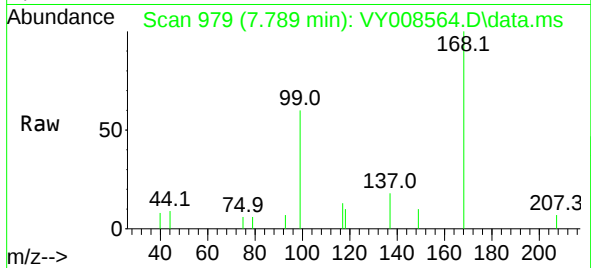
Tgt Ion: 75 Resp: 68
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.1 51.2#
 77 0.0 24.4 36.6#



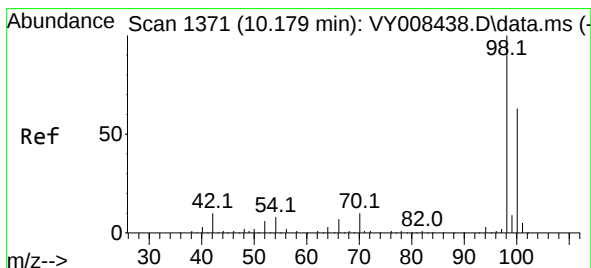
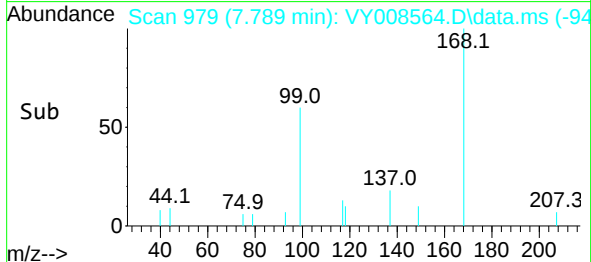
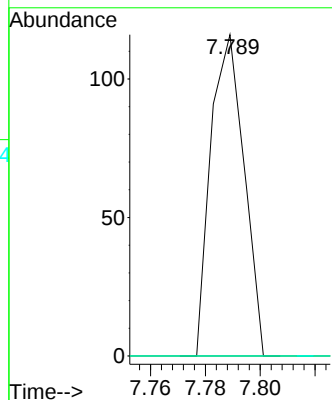


#38
Carbon Tetrachloride
Concen: 3.933 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008564.D
Acq: 29 Apr 2022 17:10

Instrument :
MSVOA_Y
ClientSampleId :
MH-15S

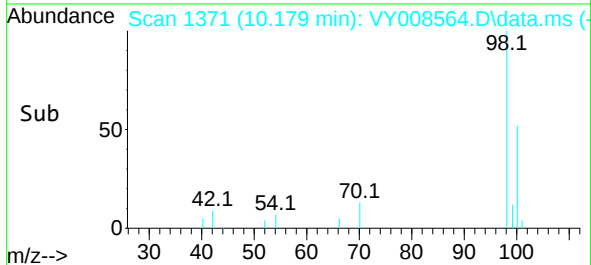
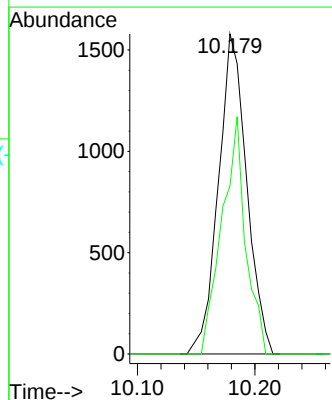
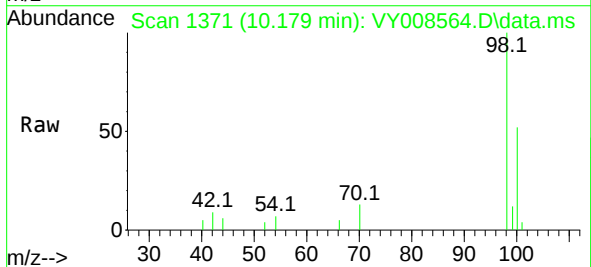


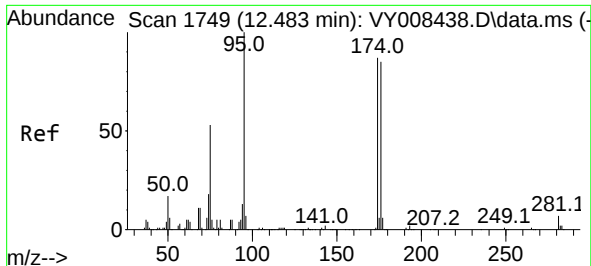
Tgt Ion:117 Resp: 98
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.219 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008564.D
Acq: 29 Apr 2022 17:10

Tgt Ion: 98 Resp: 2641
Ion Ratio Lower Upper
98 100
100 62.2 50.2 75.2

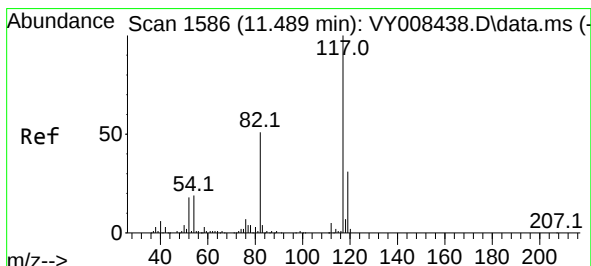
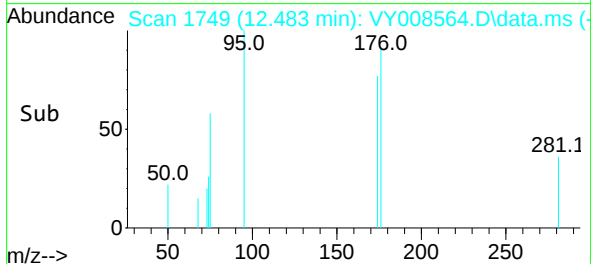
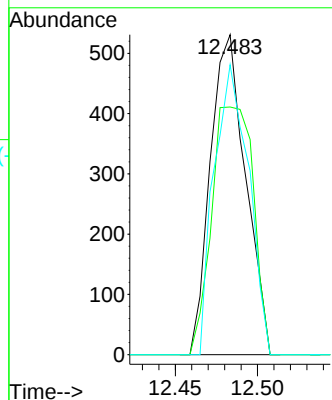
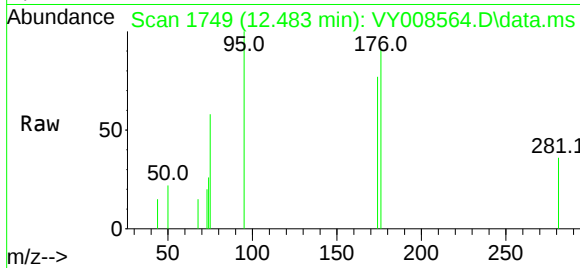




#62
4-Bromofluorobenzene
Concen: 38.964 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008564.D
Acq: 29 Apr 2022 17:10

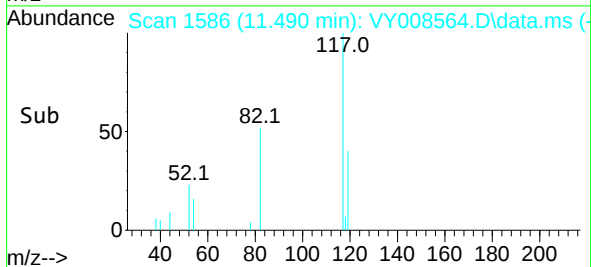
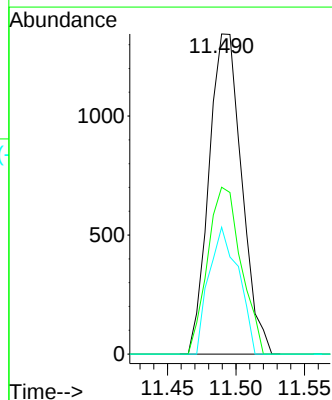
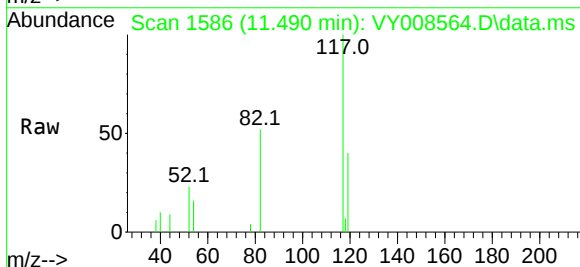
Instrument :
MSVOA_Y
ClientSampleId :
MH-15S

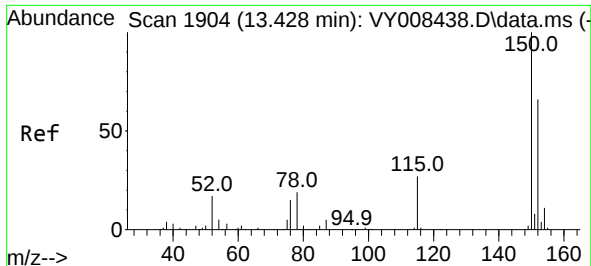
Tgt Ion:	95	Resp:	791
Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	177.0
176	88.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008564.D
Acq: 29 Apr 2022 17:10

Tgt Ion:	117	Resp:	2234
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.0	64.4
119	39.6	25.4	38.0

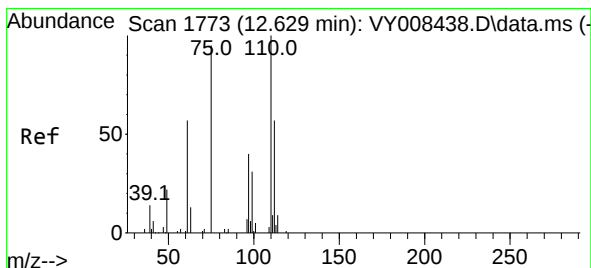
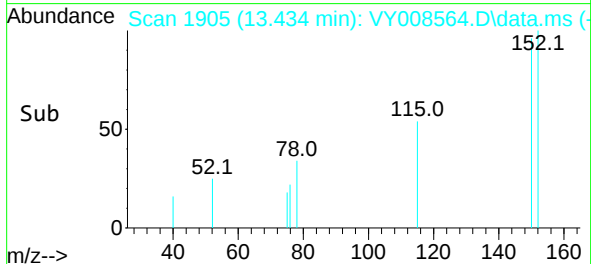
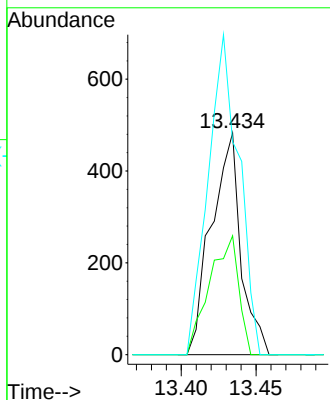
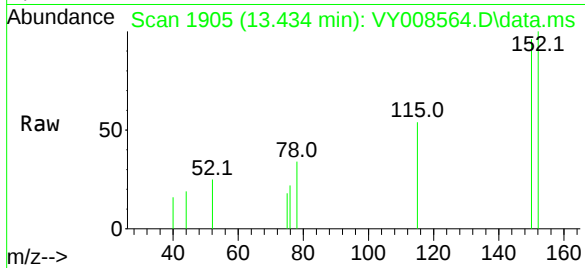




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY008564.D
 Acq: 29 Apr 2022 17:10

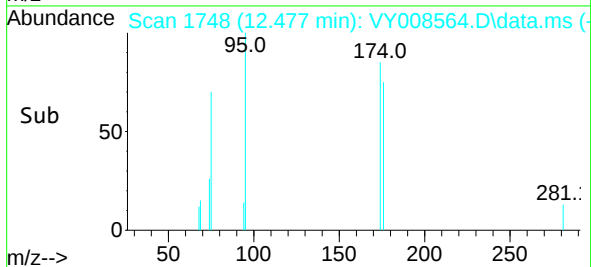
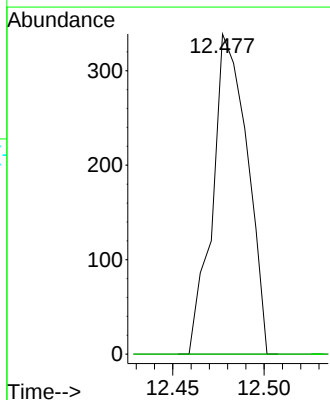
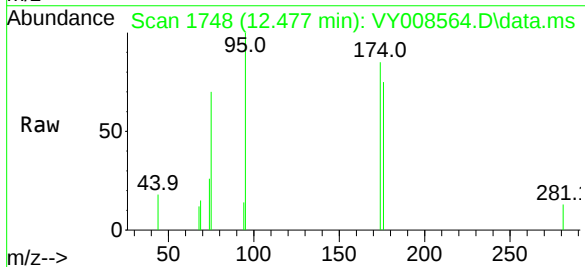
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15S

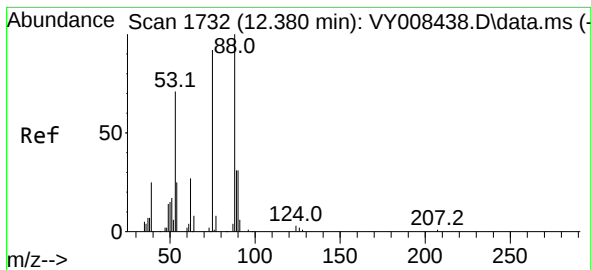
Tgt Ion:152 Resp: 664
 Ion Ratio Lower Upper
 152 100
 115 52.7 28.2 84.7
 150 150.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 52.134 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY008564.D
 Acq: 29 Apr 2022 17:10

Tgt Ion: 75 Resp: 448
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.945 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008564.D
 Acq: 29 Apr 2022 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15S

Tgt Ion: 75 Resp: 448
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

