

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008507.D
 Acq On : 26 Apr 2022 16:27
 Operator : KP/MD
 Sample : N2559-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10D

Quant Time: Apr 27 01:23:29 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)

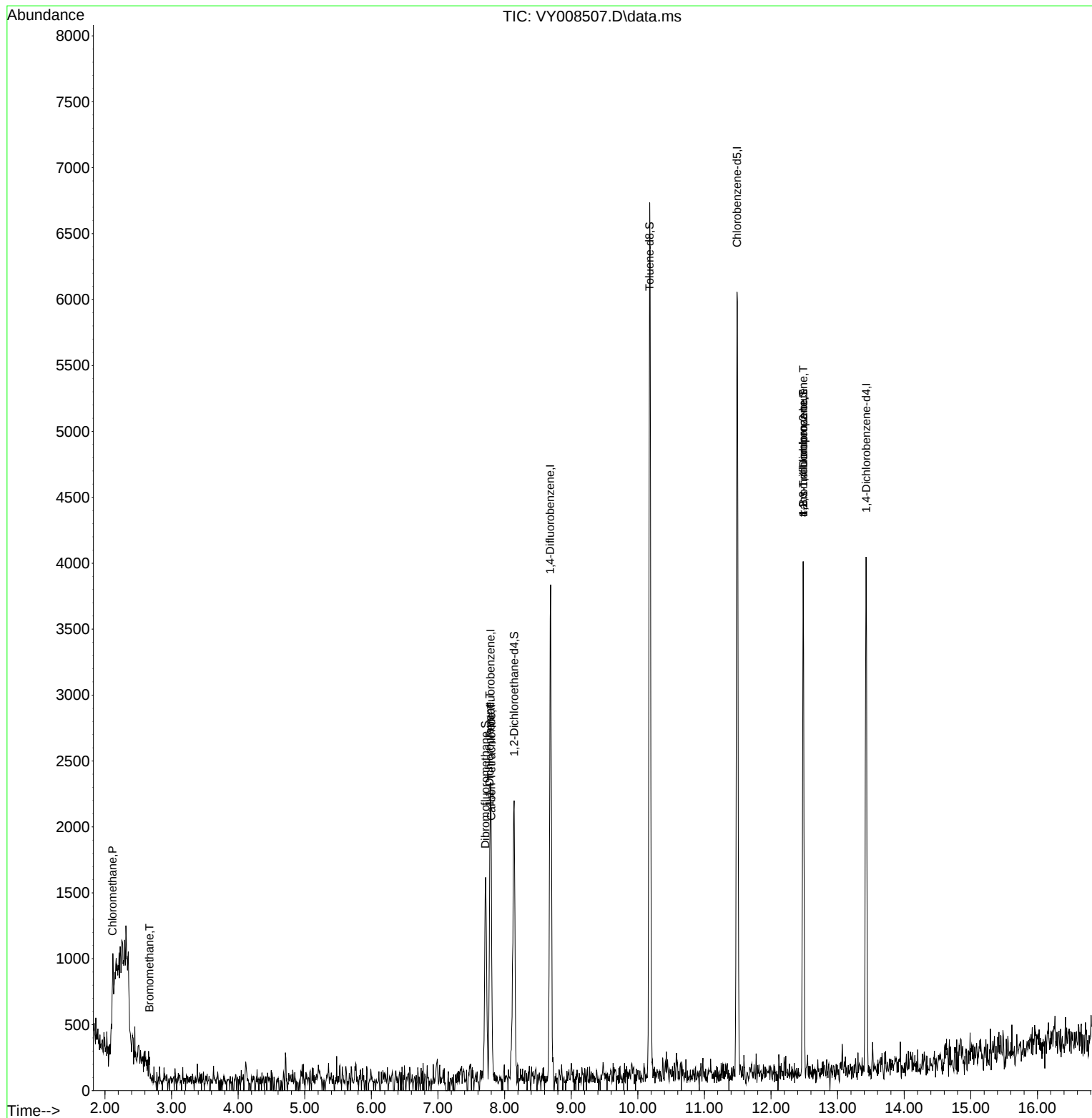
Internal Standards						
1) Pentafluorobenzene	7.789	168	2180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1741	67.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.740%	
35) Dibromofluoromethane	7.710	113	1183	44.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.980%	
50) Toluene-d8	10.179	98	4614	44.293	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.580%	
62) 4-Bromofluorobenzene	12.483	95	1304	36.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	56	1.798	ug/l #	44
5) Bromomethane	2.668	94	44	1.169	ug/l #	4
20) Methylene Chloride	4.716	84	77	Below Cal	#	26
36) 1,1-Dichloropropene	7.777	75	119	2.845	ug/l #	42
38) Carbon Tetrachloride	7.801	117	67	1.542	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	797	47.445	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	797	110.068	ug/l #	7

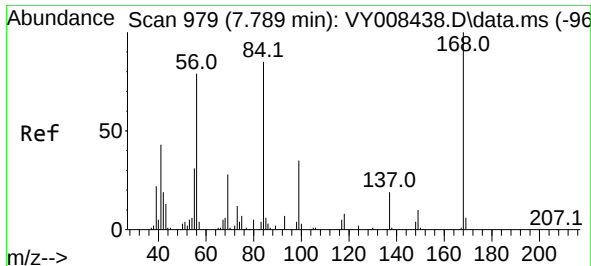
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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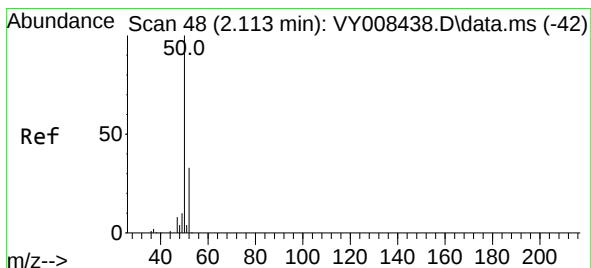
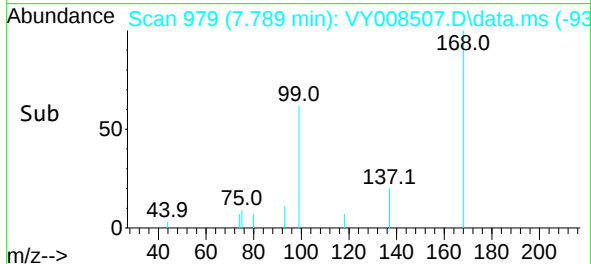
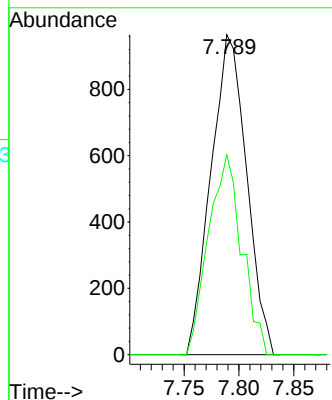
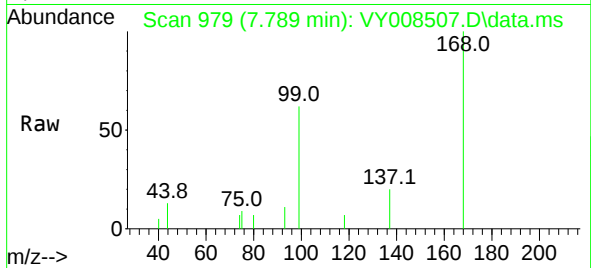




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

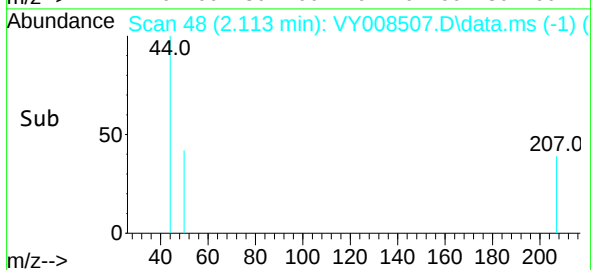
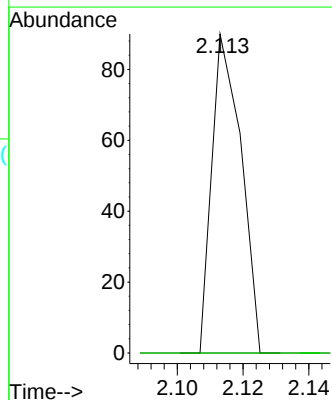
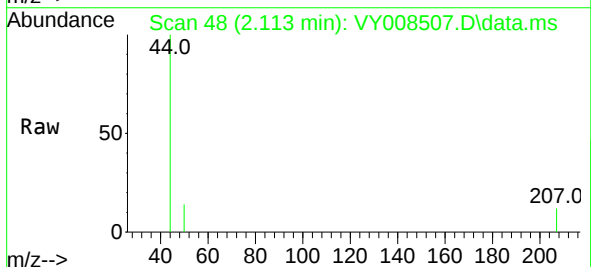
Instrument :
MSVOA_Y
ClientSampleId :
MH-10D

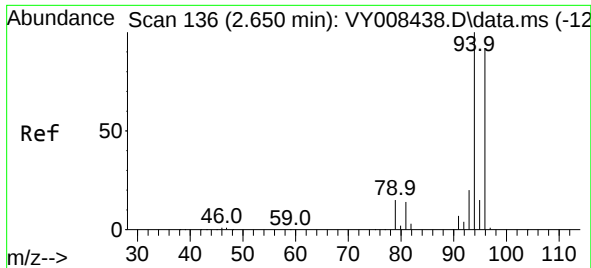
Tgt Ion:168 Resp: 2180
Ion Ratio Lower Upper
168 100
99 62.4 46.9 70.3



#3
Chloromethane
Concen: 1.798 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

Tgt Ion: 50 Resp: 56
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#5

Bromomethane

Concen: 1.169 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY008507.D

Acq: 26 Apr 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

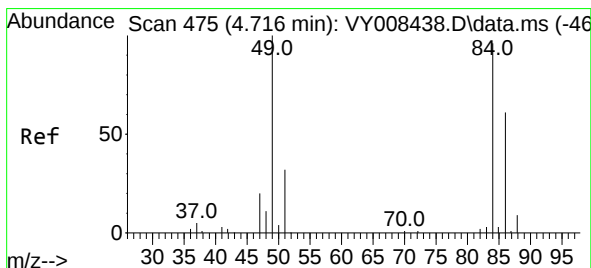
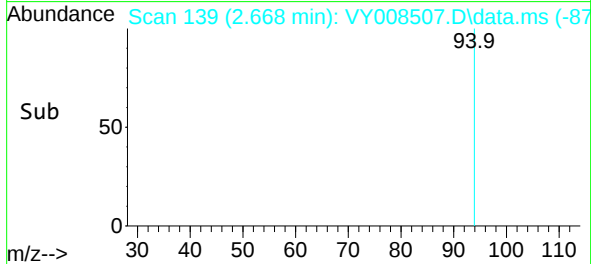
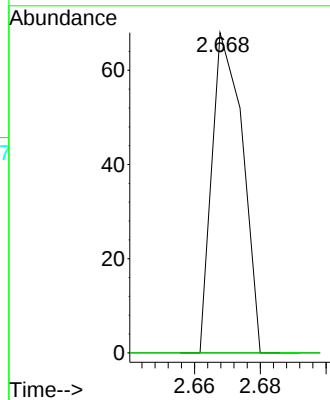
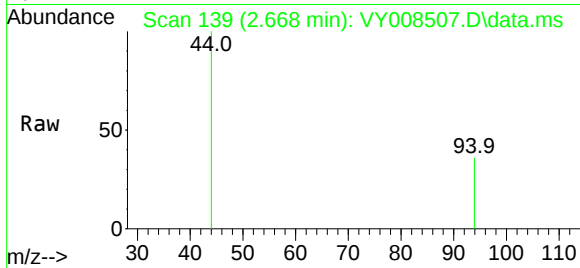
MH-10D

Tgt Ion: 94 Resp: 44

Ion Ratio Lower Upper

94 100

96 0.0 73.5 110.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY008507.D

Acq: 26 Apr 2022 16:27

Tgt Ion: 84 Resp: 77

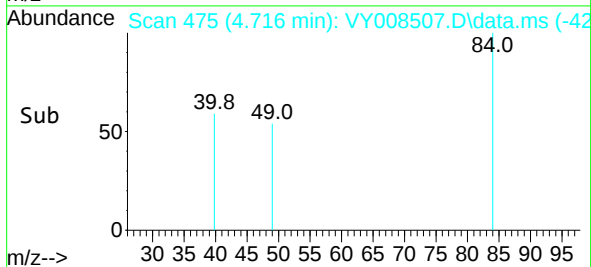
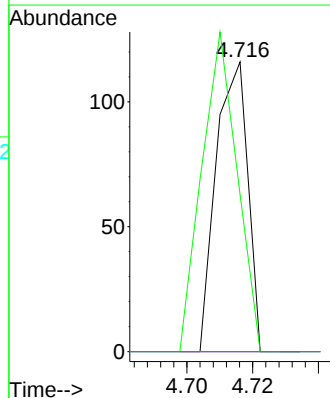
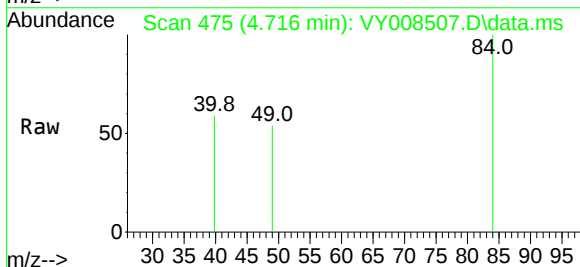
Ion Ratio Lower Upper

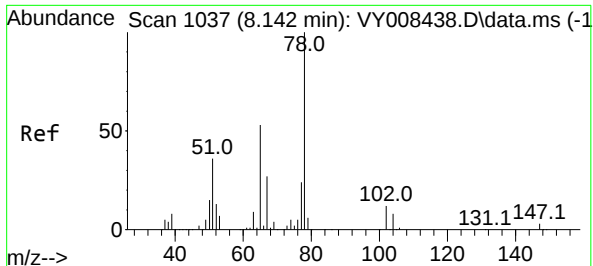
84 100

49 54.3 114.4 171.6#

51 0.0 35.3 52.9#

86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 67.874 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008507.D

Acq: 26 Apr 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

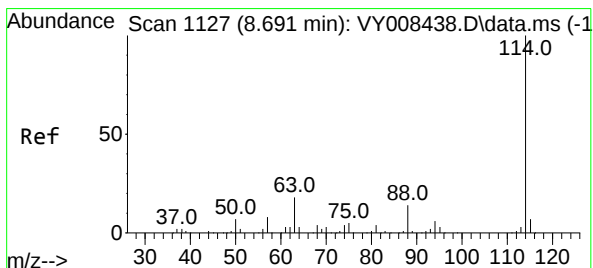
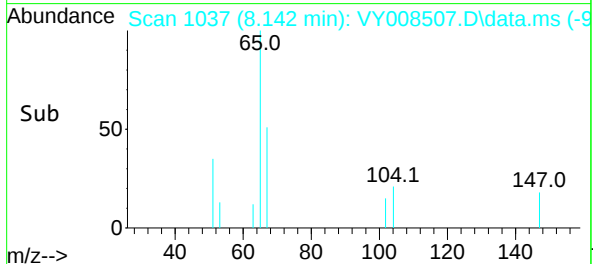
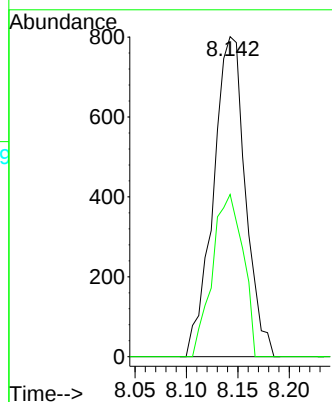
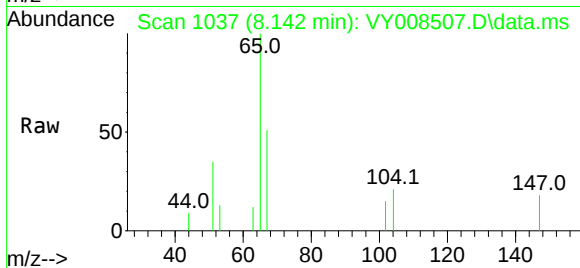
MH-10D

Tgt Ion: 65 Resp: 1741

Ion Ratio Lower Upper

65 100

67 48.2 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: VY008507.D

Acq: 26 Apr 2022 16:27

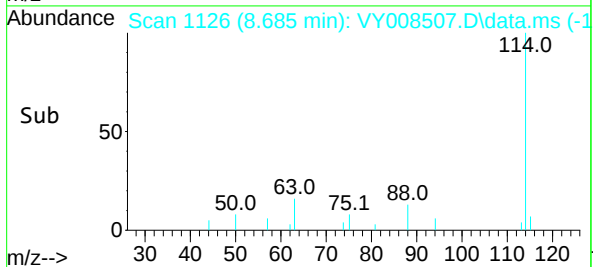
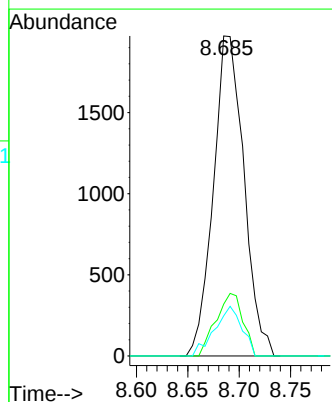
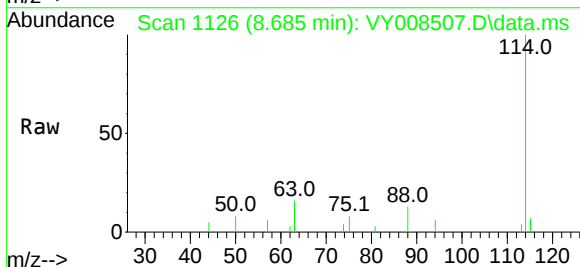
Tgt Ion: 114 Resp: 4074

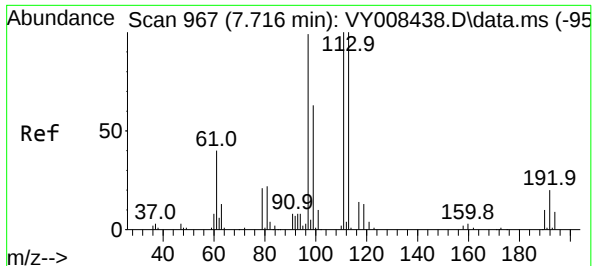
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 12.6 0.0 31.8

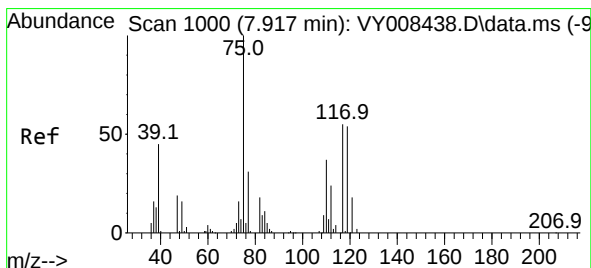
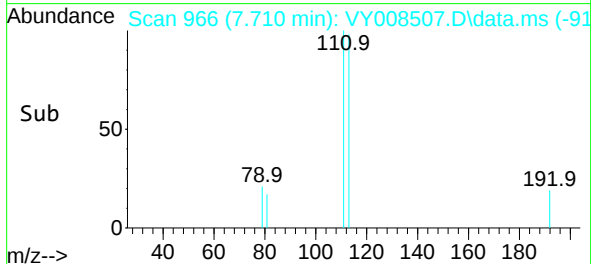
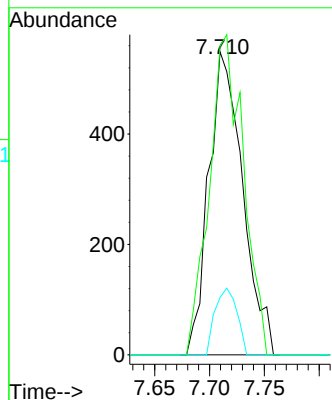
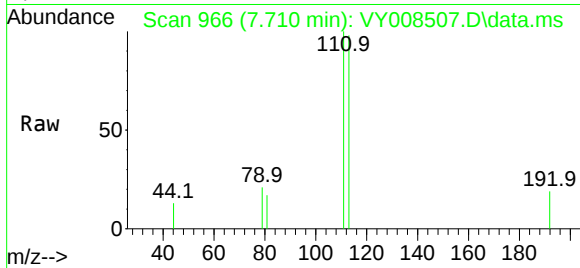




#35
 Dibromofluoromethane
 Concen: 44.993 ug/l
 RT: 7.710 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VY008507.D
 Acq: 26 Apr 2022 16:27

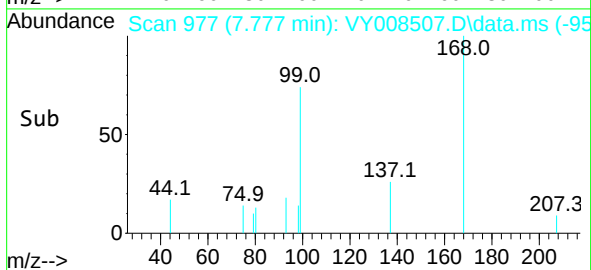
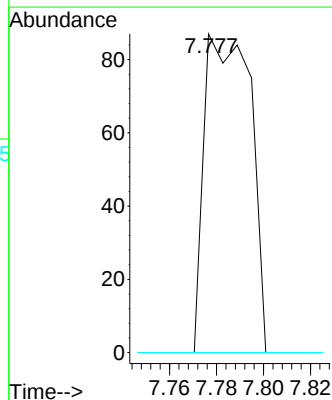
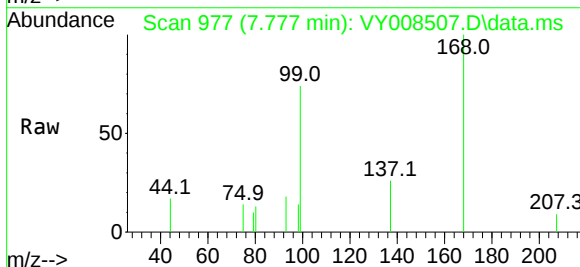
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10D

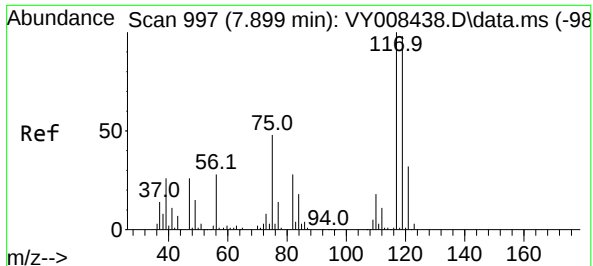
Tgt Ion:113 Resp: 1183
 Ion Ratio Lower Upper
 113 100
 111 105.9 82.6 124.0
 192 14.1 17.6 26.4#



#36
 1,1-Dichloropropene
 Concen: 2.845 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.140 min
 Lab File: VY008507.D
 Acq: 26 Apr 2022 16:27

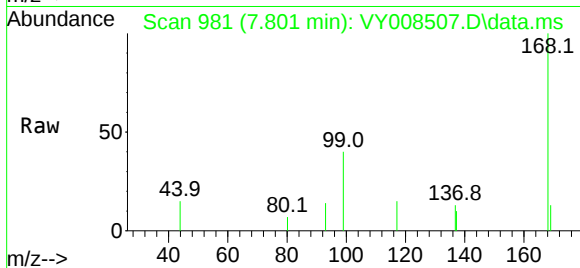
Tgt Ion: 75 Resp: 119
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.1 51.2#
 77 0.0 24.4 36.6#



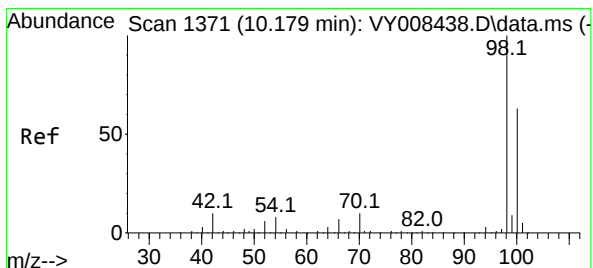
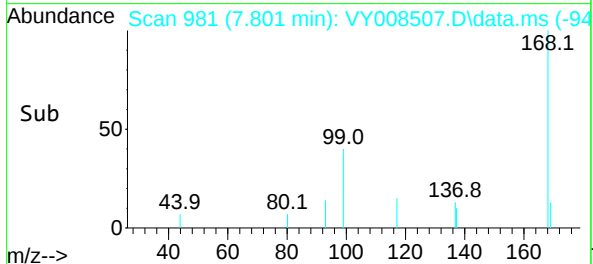
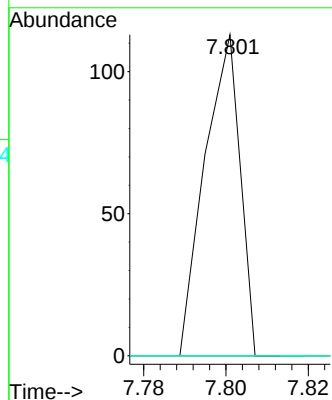


#38
Carbon Tetrachloride
Concen: 1.542 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
MH-10D

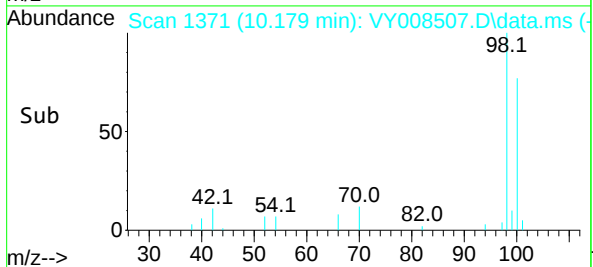
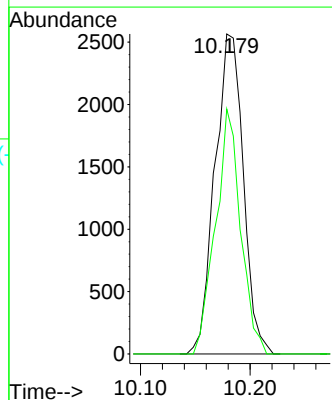
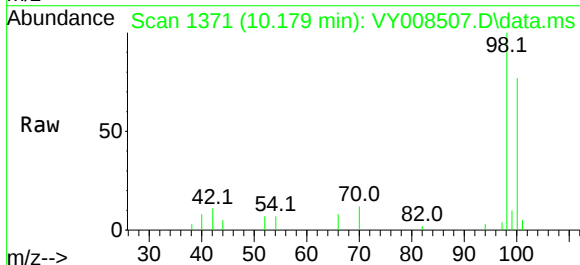


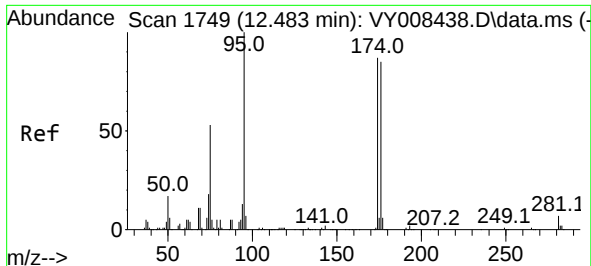
Tgt Ion:117 Resp: 67
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.293 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

Tgt Ion: 98 Resp: 4614
Ion Ratio Lower Upper
98 100
100 67.8 50.2 75.2

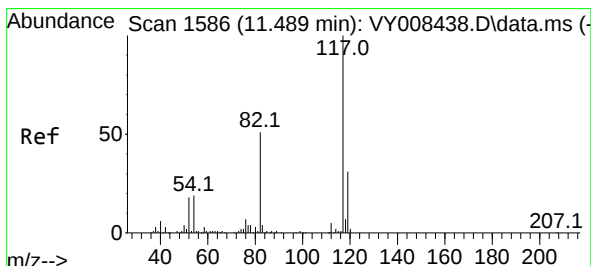
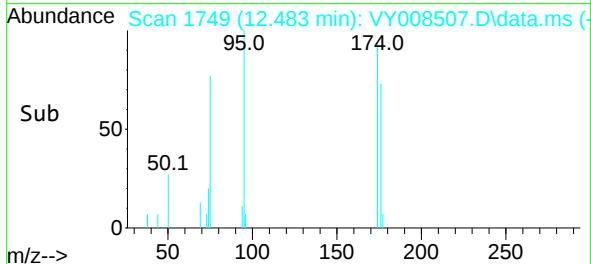
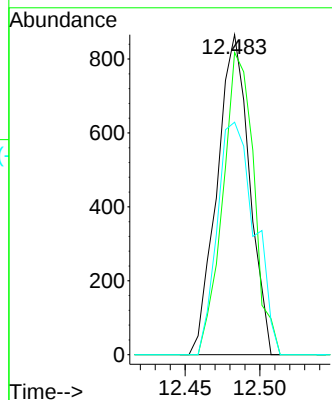
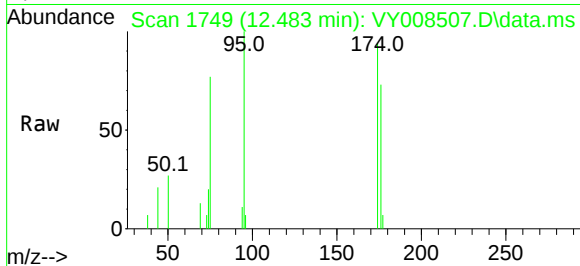




#62
4-Bromofluorobenzene
Concen: 36.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

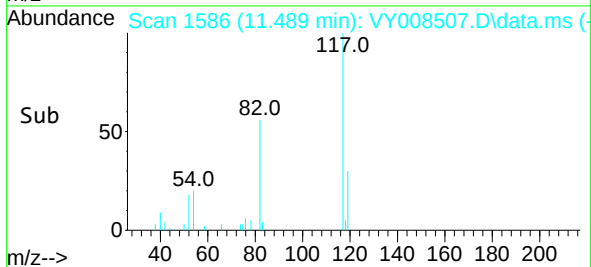
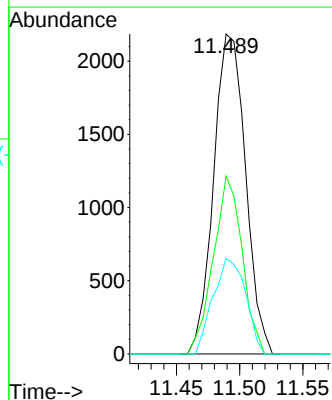
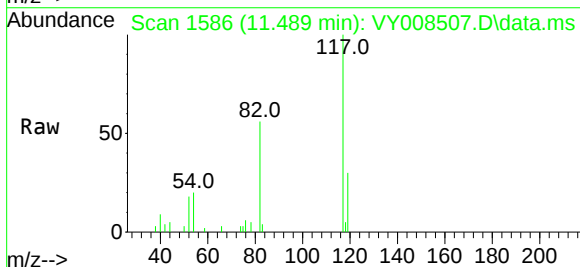
Instrument :
MSVOA_Y
ClientSampleId :
MH-10D

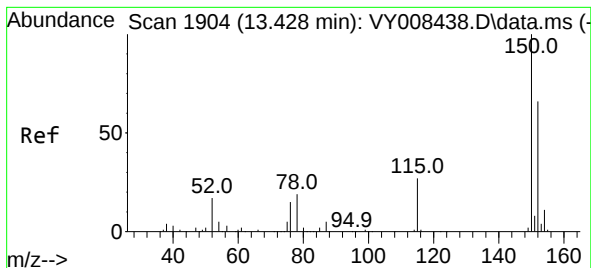
Tgt Ion:	95	Resp:	1304
Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	177.0
176	83.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008507.D
Acq: 26 Apr 2022 16:27

Tgt Ion:	117	Resp:	3833
Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.0	64.4
119	29.9	25.4	38.0

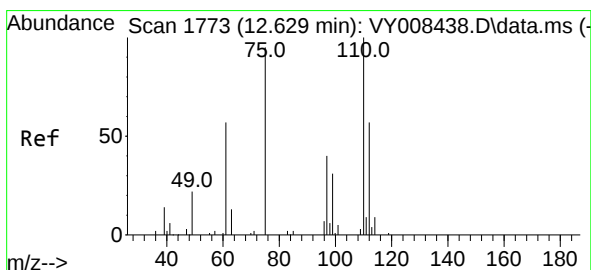
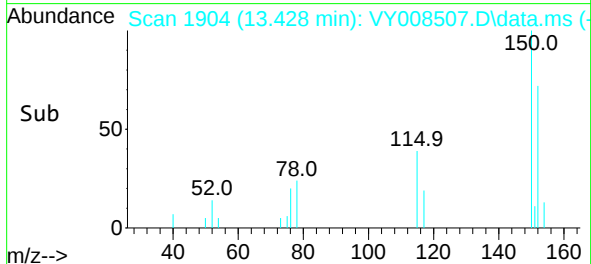
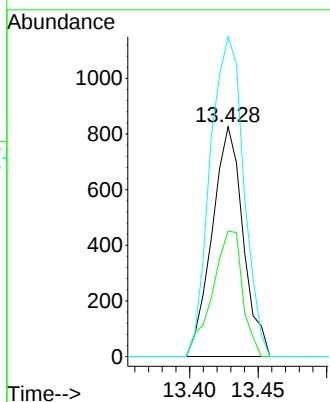
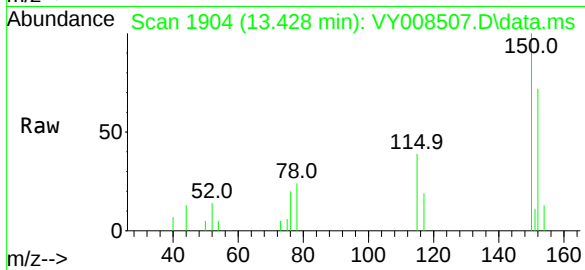




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008507.D
 Acq: 26 Apr 2022 16:27

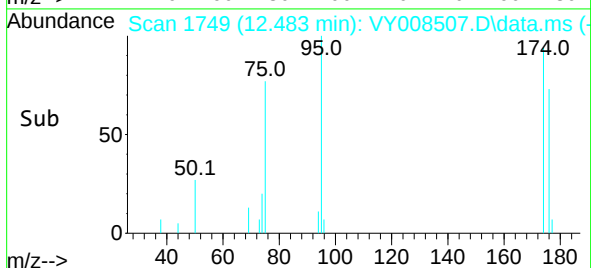
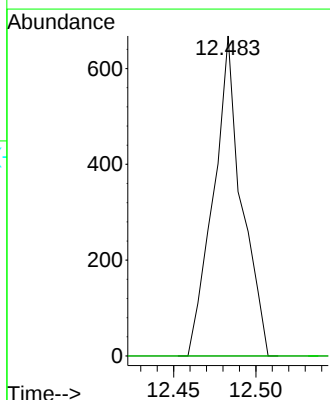
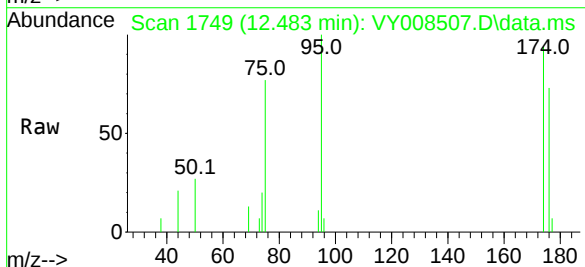
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10D

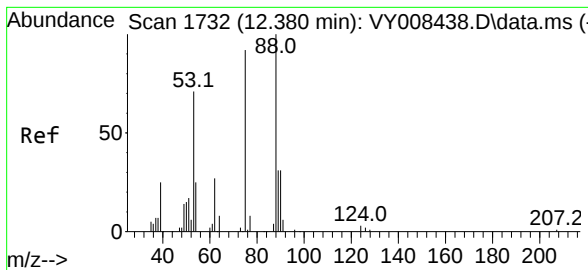
Tgt Ion:152 Resp: 1298
 Ion Ratio Lower Upper
 152 100
 115 53.0 28.2 84.7
 150 150.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.445 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008507.D
 Acq: 26 Apr 2022 16:27

Tgt Ion: 75 Resp: 797
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.068 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008507.D
 Acq: 26 Apr 2022 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10D

Tgt Ion:	75	Resp:	797
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

