

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008605.D
 Acq On : 04 May 2022 12:29
 Operator : KP/MD
 Sample : N2616-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-18S

Quant Time: May 05 04:34:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

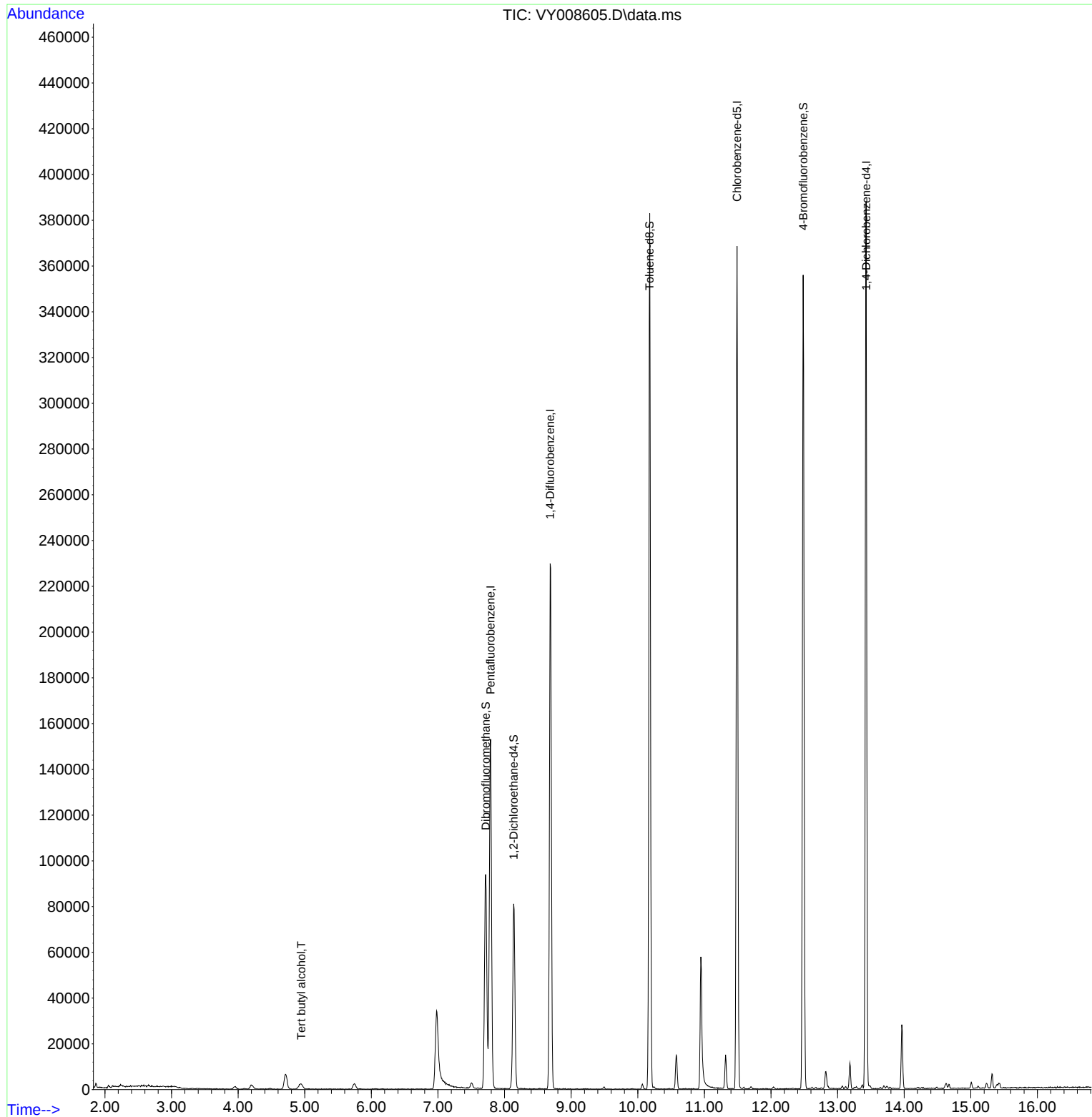
Internal Standards						
1) Pentafluorobenzene	7.789	168	132240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	216665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	217793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	62191	48.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.780%
35) Dibromofluoromethane	7.716	113	68523	47.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.600%
50) Toluene-d8	10.179	98	254994	50.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.400%
62) 4-Bromofluorobenzene	12.483	95	90768	48.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	4494	14.471	ug/l #	88

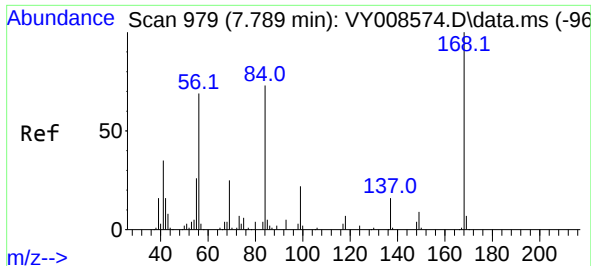
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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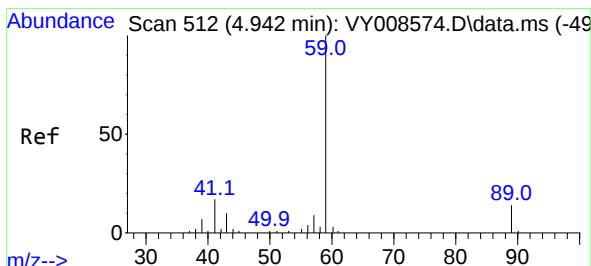
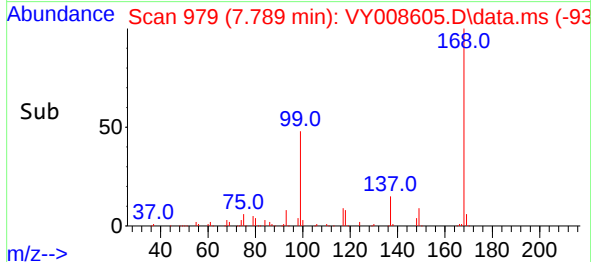
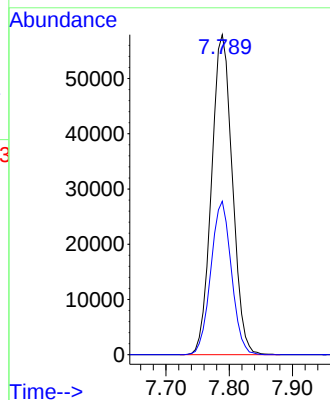
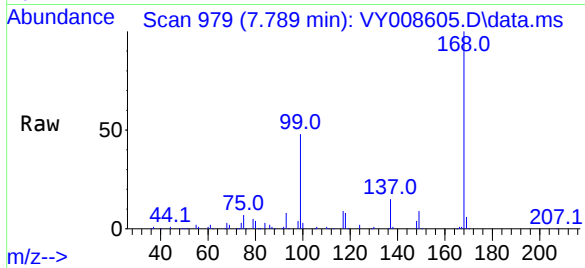




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008605.D
Acq: 04 May 2022 12:29

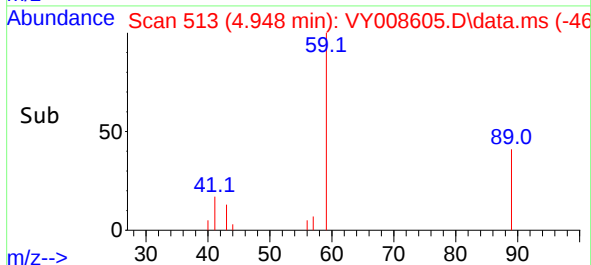
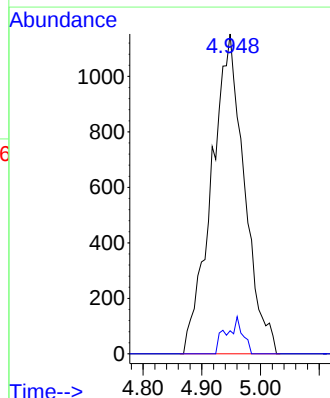
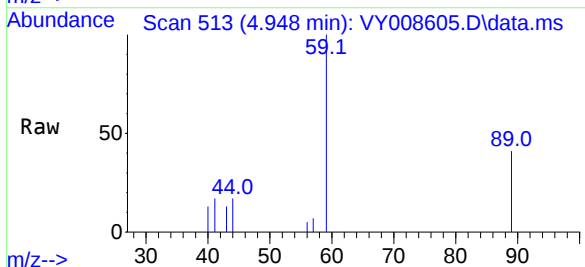
Instrument :
MSVOA_Y
ClientSampleId :
MH-18S

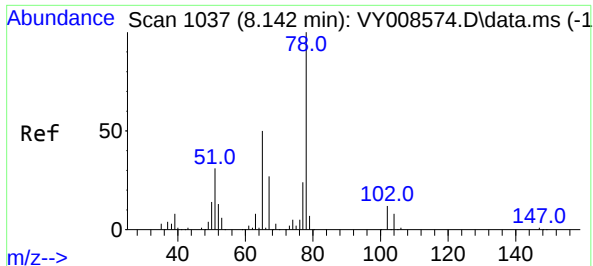
Tgt Ion:168 Resp: 132240
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 14.471 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008605.D
Acq: 04 May 2022 12:29

Tgt Ion: 59 Resp: 4494
Ion Ratio Lower Upper
59 100
57 3.9 6.4 9.6#





#33

1,2-Dichloroethane-d4

Concen: 48.387 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008605.D

Acq: 04 May 2022 12:29

Instrument :

MSVOA_Y

ClientSampleId :

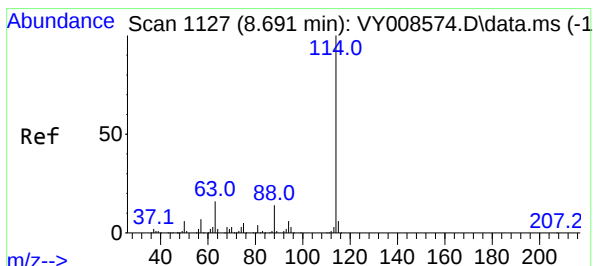
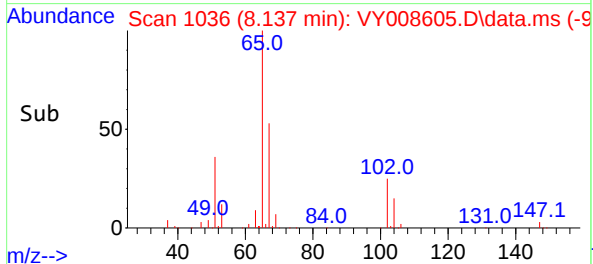
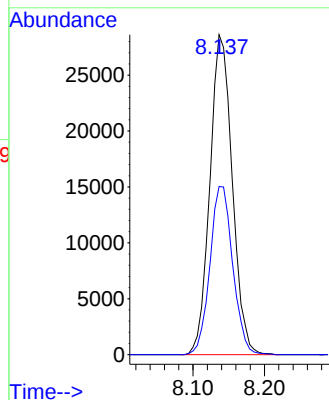
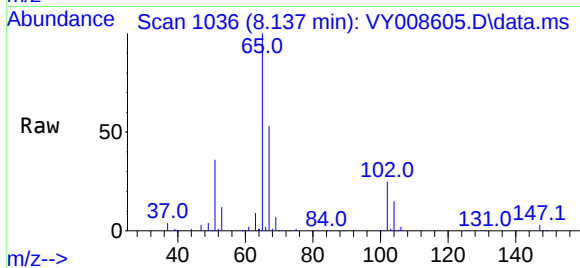
MH-18S

Tgt Ion: 65 Resp: 62191

Ion Ratio Lower Upper

65 100

67 53.7 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: VY008605.D

Acq: 04 May 2022 12:29

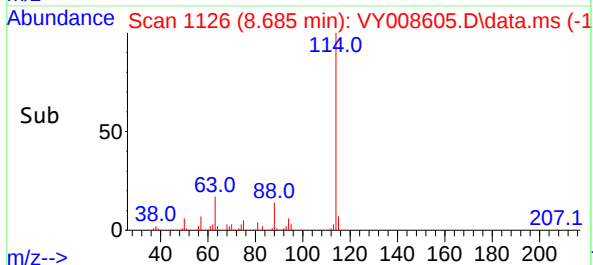
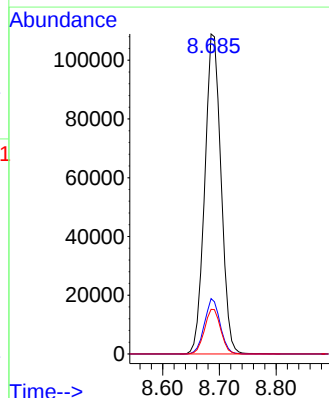
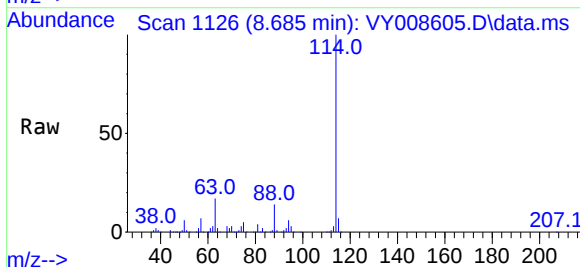
Tgt Ion: 114 Resp: 216665

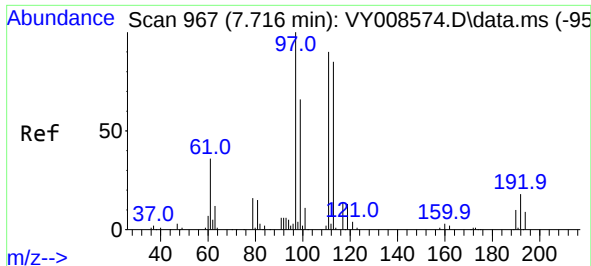
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.0 0.0 31.8

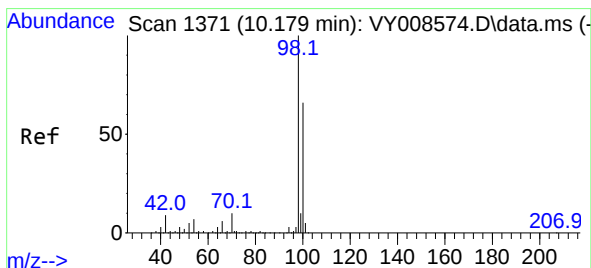
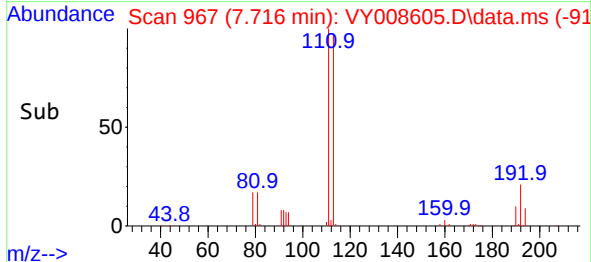
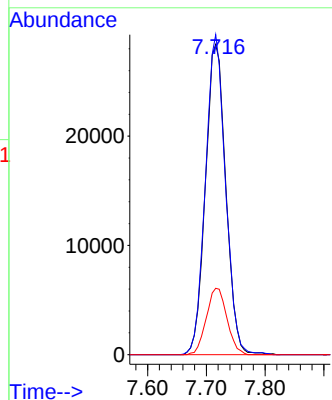
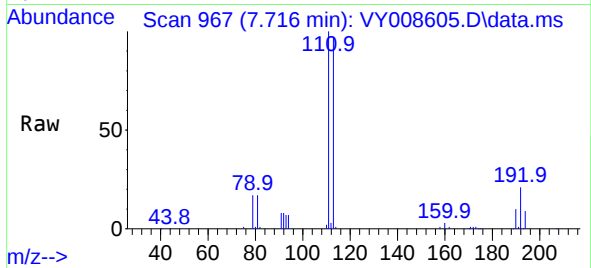




#35
Dibromofluoromethane
Concen: 47.796 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008605.D
Acq: 04 May 2022 12:29

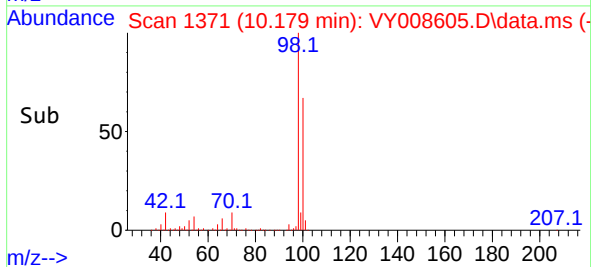
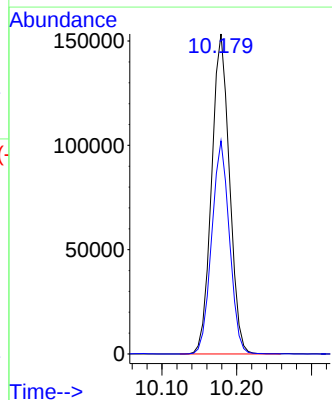
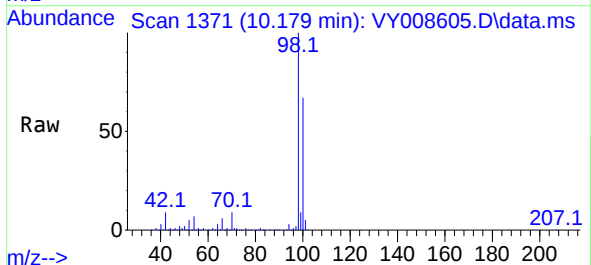
Instrument :
MSVOA_Y
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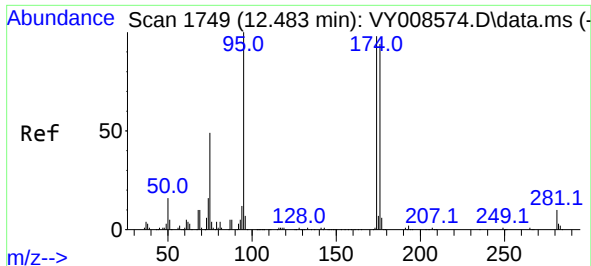
Tgt Ion:113 Resp: 68523
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 21.6 17.6 26.4



#50
Toluene-d8
Concen: 50.203 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008605.D
Acq: 04 May 2022 12:29

Tgt Ion: 98 Resp: 254994
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

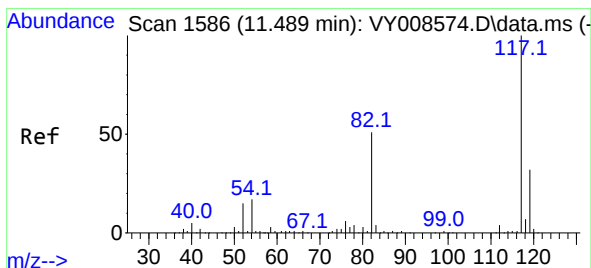
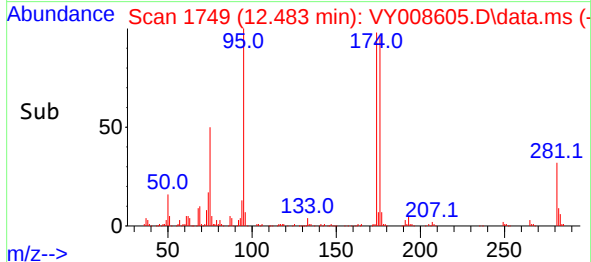
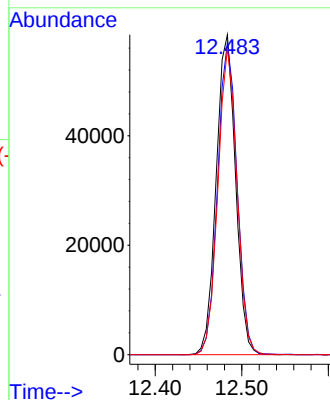
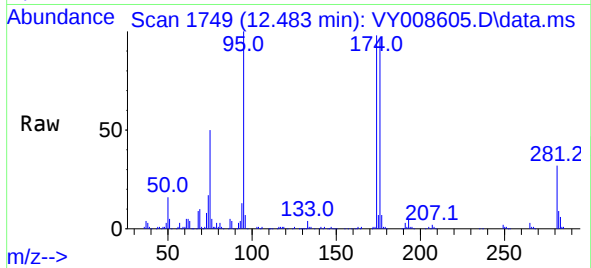




#62
4-Bromofluorobenzene
Concen: 48.757 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008605.D
Acq: 04 May 2022 12:29

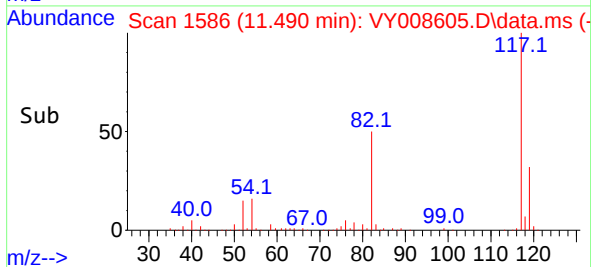
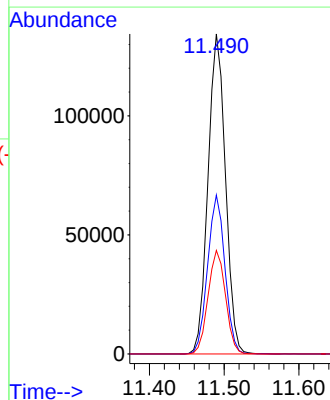
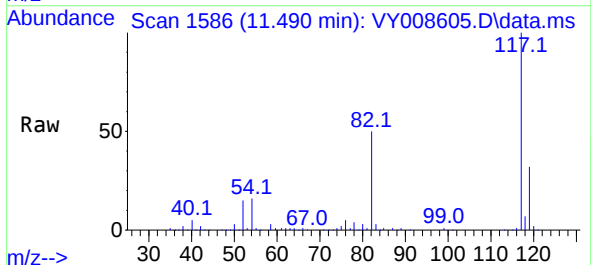
Instrument :
MSVOA_Y
ClientSampleId :
MH-18S

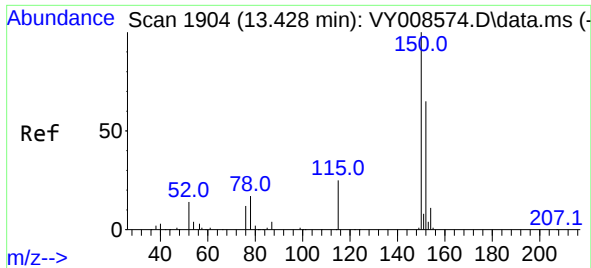
Tgt Ion:	95	Resp:	90768
Ion Ratio	Lower	Upper	
95	100		
174	98.1	0.0	177.0
176	94.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008605.D
Acq: 04 May 2022 12:29

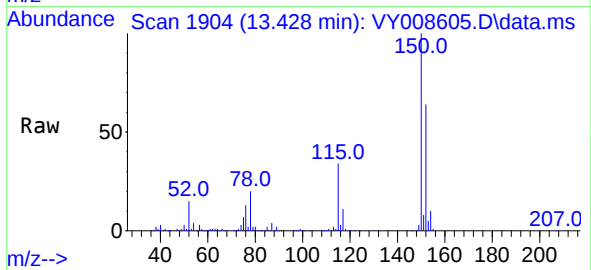
Tgt Ion:	117	Resp:	217793
Ion Ratio	Lower	Upper	
117	100		
82	49.7	43.0	64.4
119	32.4	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008605.D
 Acq: 04 May 2022 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-18S



Tgt Ion:152 Resp: 104983
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.2 84.7
 150 156.9 0.0 347.6

