

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008940.D
 Acq On : 21 May 2022 11:32
 Operator : KP/MD
 Sample : N2919-01
 Misc : 3.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0006-01

Quant Time: May 21 21:28:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

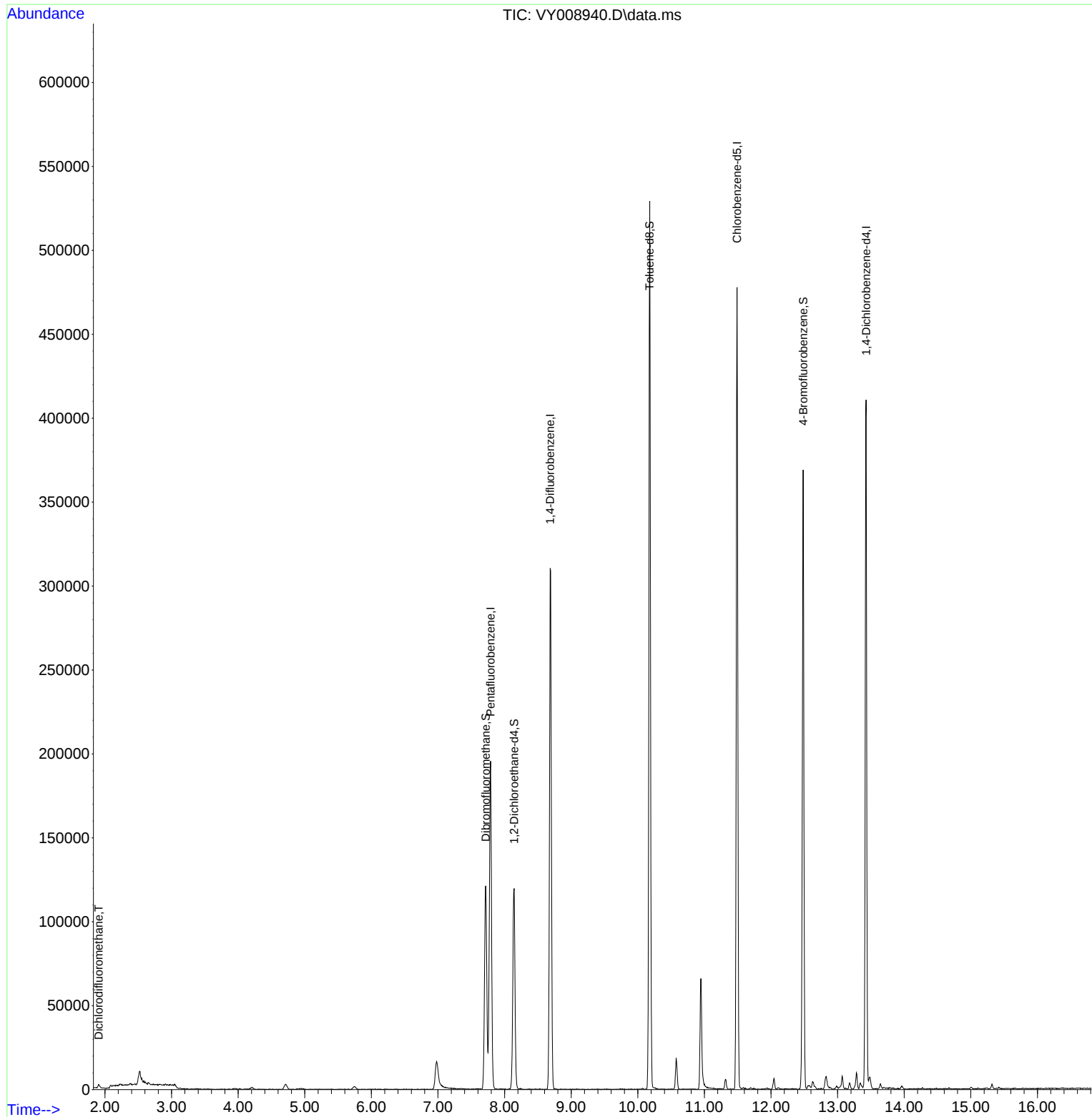
Internal Standards						
1) Pentafluorobenzene	7.789	168	148958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89061	58.094	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	116.180%	
35) Dibromofluoromethane	7.716	113	83293	50.908	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	101.820%	
50) Toluene-d8	10.179	98	324698	53.794	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	107.580%	
62) 4-Bromofluorobenzene	12.483	95	94061	38.631	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	77.260%	
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	1426	1.047	ug/l	Qvalue 86

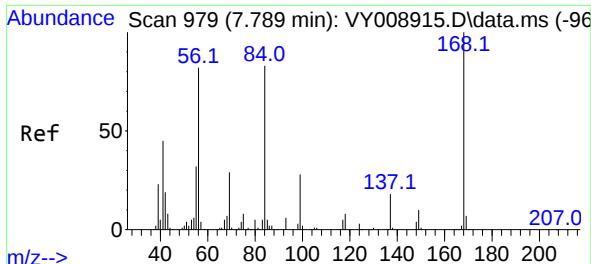
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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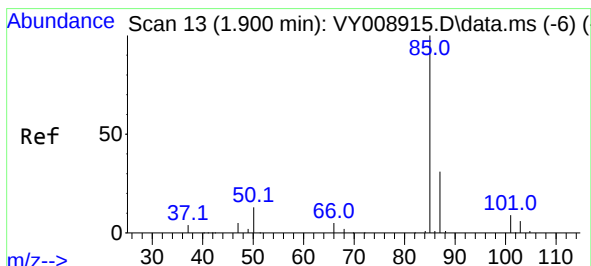
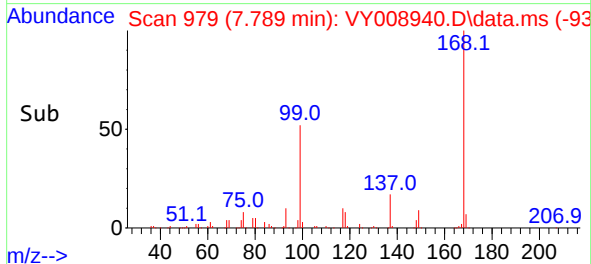
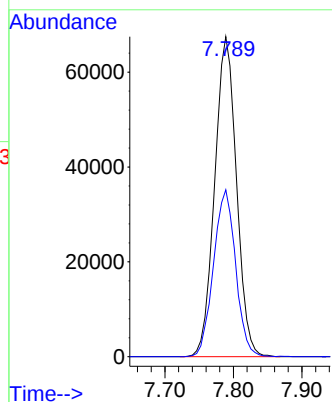
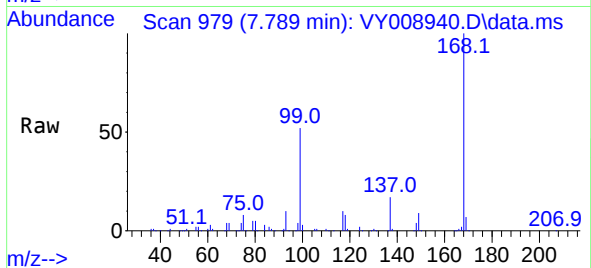




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008940.D
Acq: 21 May 2022 11:32

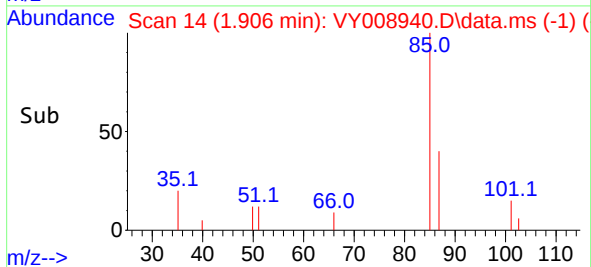
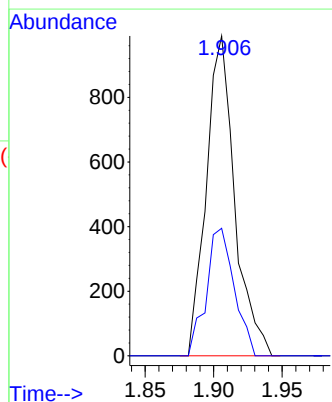
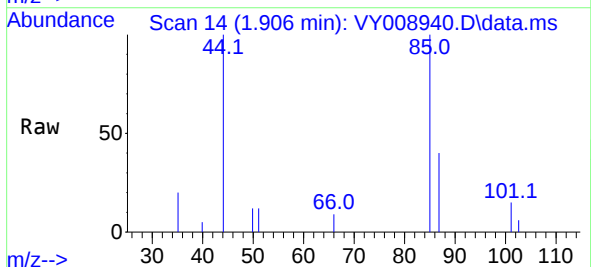
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-01

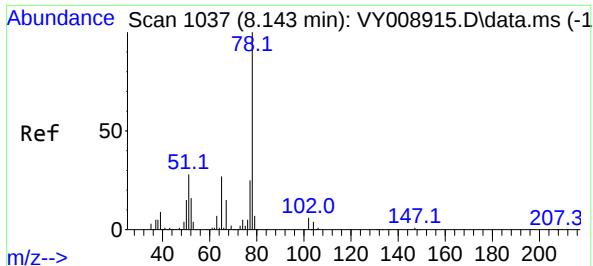
Tgt Ion:168 Resp: 148958
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.047 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008940.D
Acq: 21 May 2022 11:32

Tgt Ion: 85 Resp: 1426
Ion Ratio Lower Upper
85 100
87 39.9 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 58.094 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008940.D

Acq: 21 May 2022 11:32

Instrument :

MSVOA_Y

ClientSampleId :

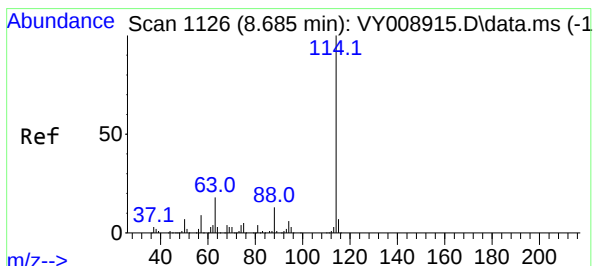
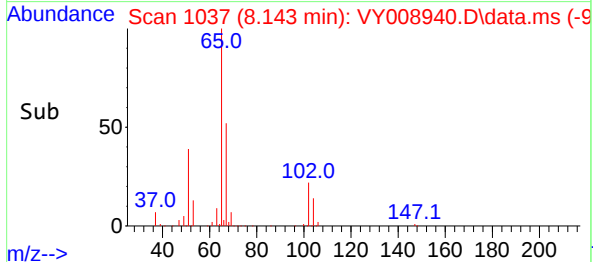
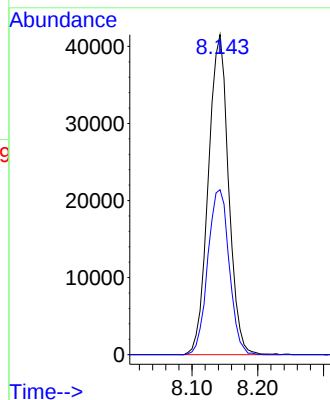
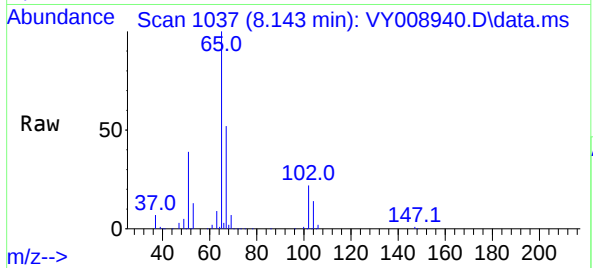
P015-SS002-0006-01

Tgt Ion: 65 Resp: 89061

Ion Ratio Lower Upper

65 100

67 54.4 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: VY008940.D

Acq: 21 May 2022 11:32

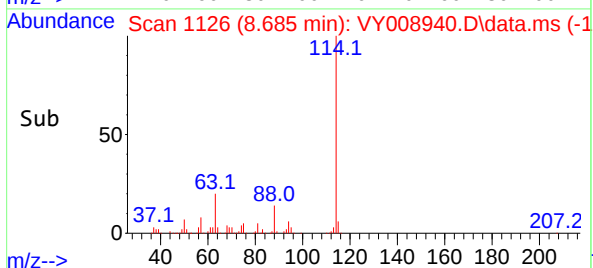
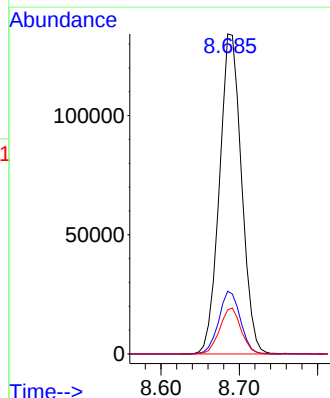
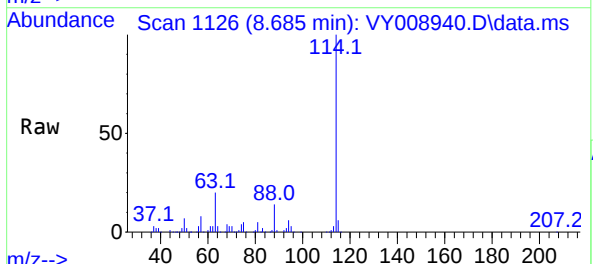
Tgt Ion: 114 Resp: 263112

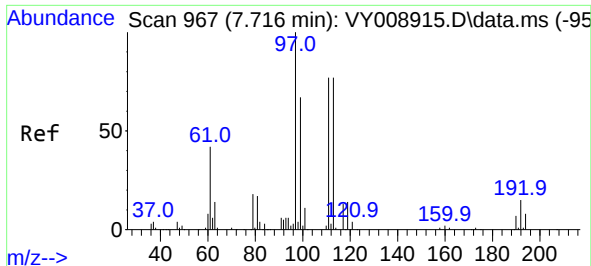
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 13.8 0.0 31.8

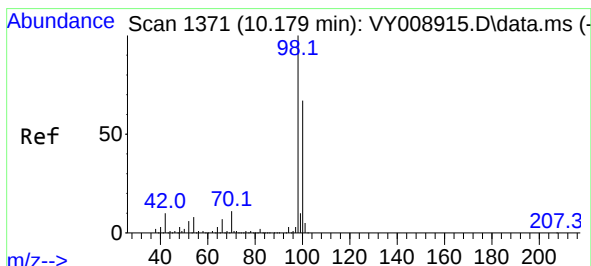
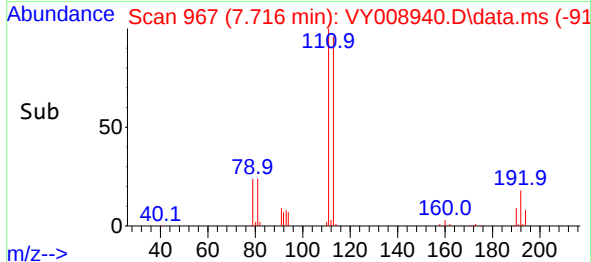
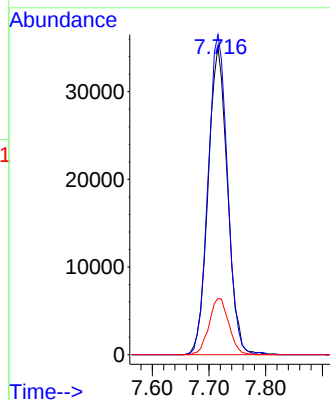
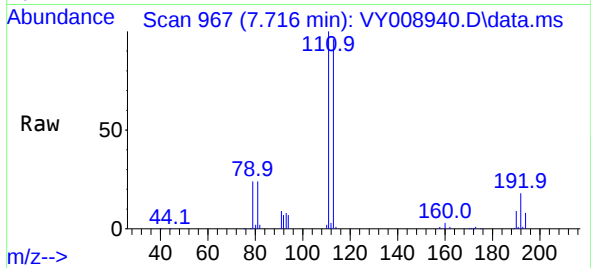




#35
Dibromofluoromethane
Concen: 50.908 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008940.D
Acq: 21 May 2022 11:32

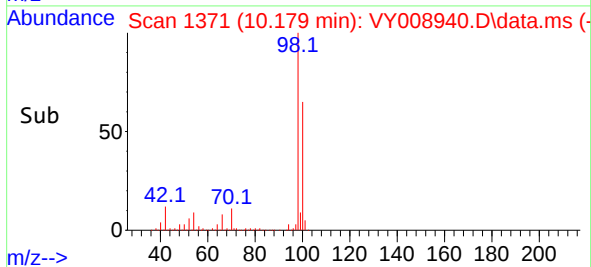
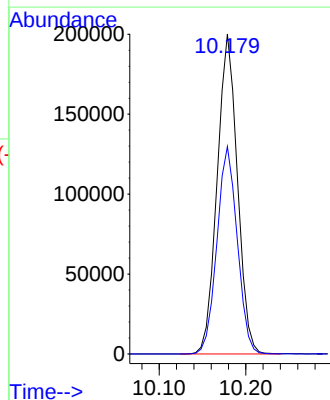
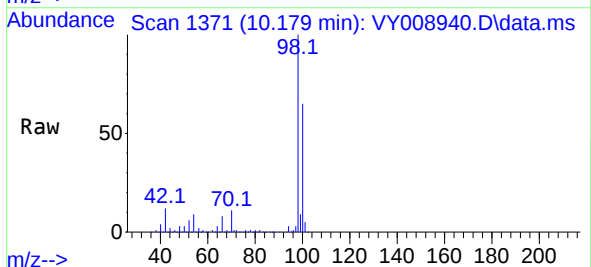
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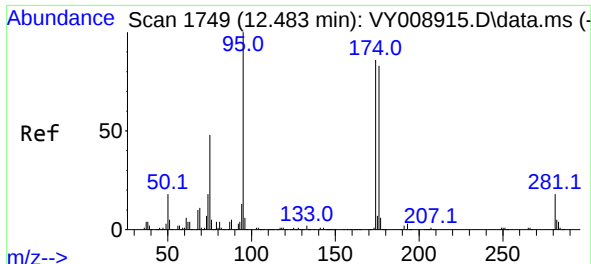
Tgt Ion:113 Resp: 83293
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.6 17.6 26.4



#50
Toluene-d8
Concen: 53.794 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008940.D
Acq: 21 May 2022 11:32

Tgt Ion: 98 Resp: 324698
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

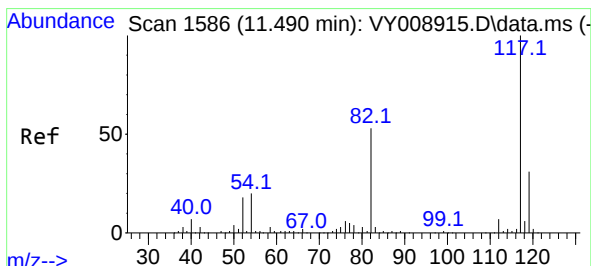
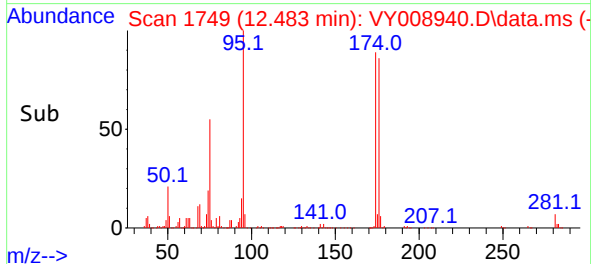
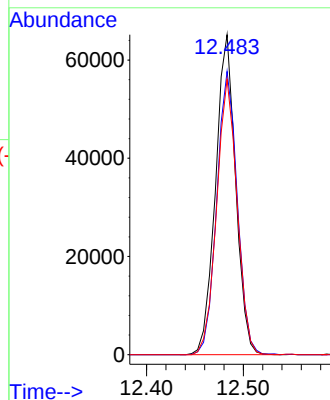
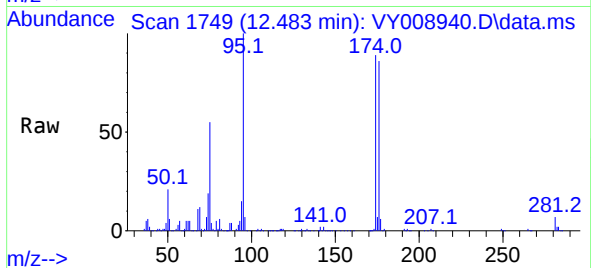




#62
4-Bromofluorobenzene
Concen: 38.631 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008940.D
Acq: 21 May 2022 11:32

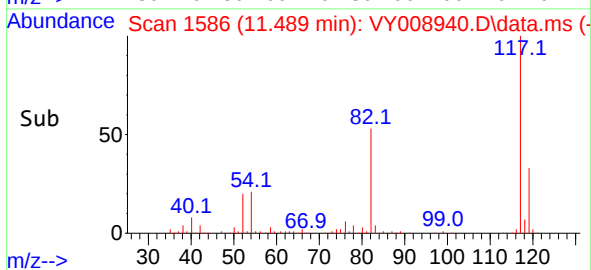
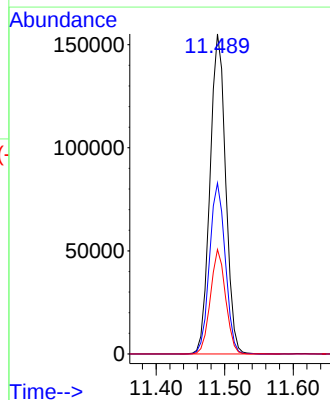
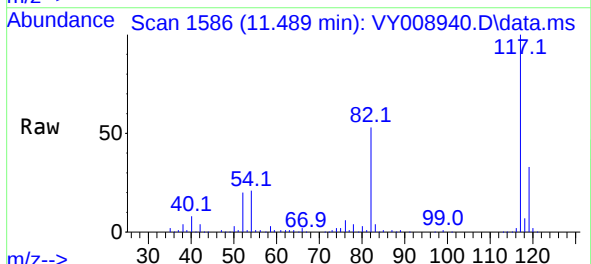
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P015-SS002-0006-01

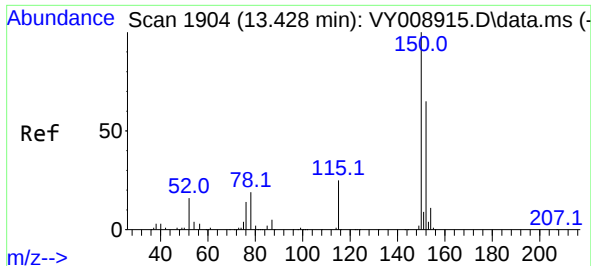
Tgt Ion:	95	Resp:	94061
Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	177.0
176	87.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008940.D
Acq: 21 May 2022 11:32

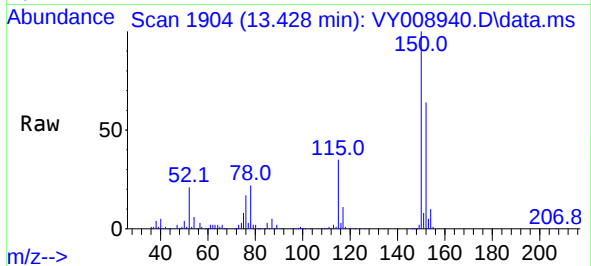
Tgt Ion:	117	Resp:	246479
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	32.7	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008940.D
 Acq: 21 May 2022 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0006-01



Tgt Ion:152 Resp: 100319
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 157.3 0.0 347.6

