

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007640.D
 Acq On : 25 Feb 2022 16:35
 Operator : SY/MD
 Sample : N1664-13
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Feb 27 23:58:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

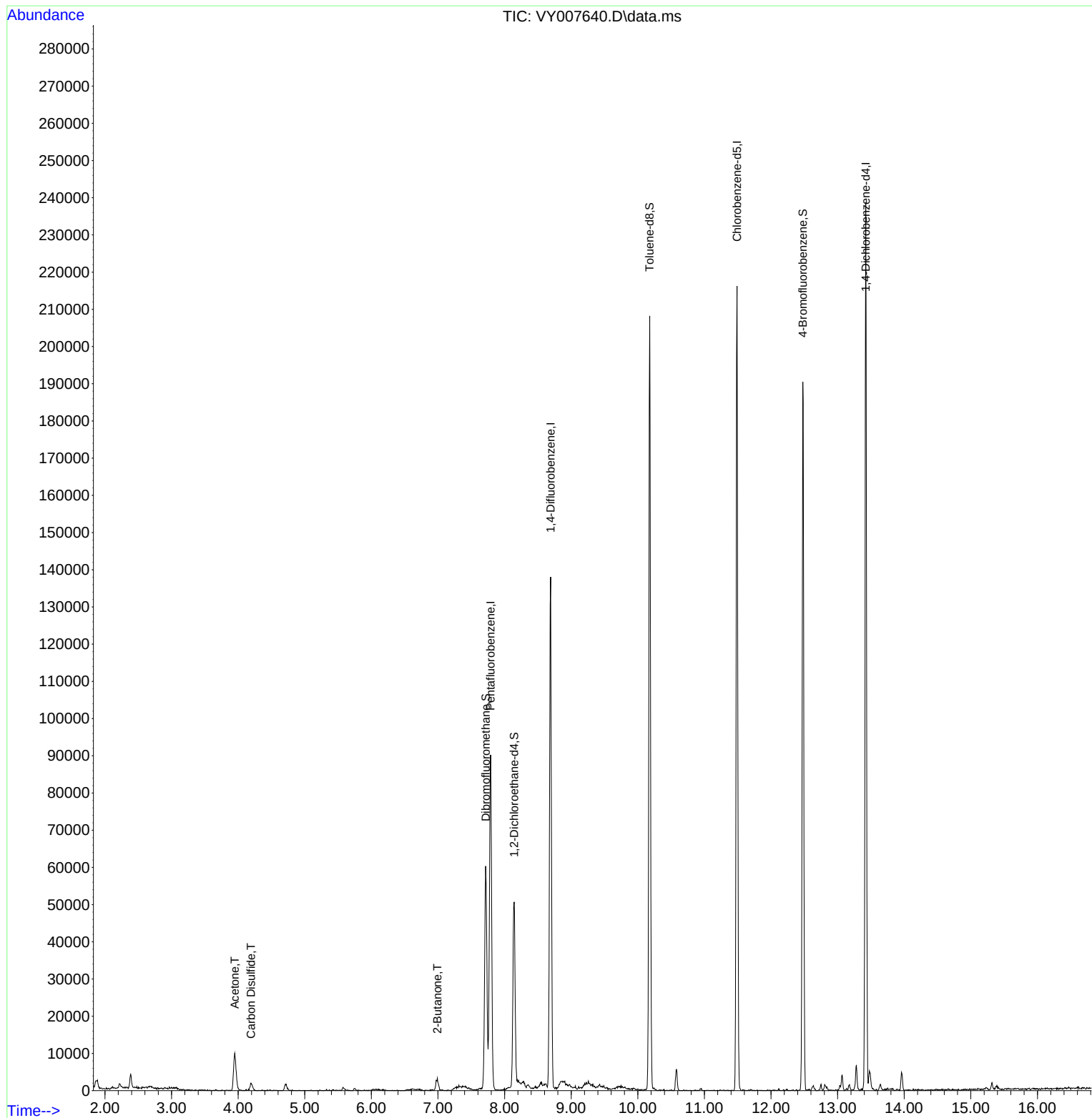
Internal Standards						
1) Pentafluorobenzene	7.789	168	68731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	115966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40804	53.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.740%	
35) Dibromofluoromethane	7.716	113	36938	50.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.960%	
50) Toluene-d8	10.179	98	134413	49.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.477	95	49737	53.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	16462	94.537	ug/l #	86
17) Carbon Disulfide	4.192	76	3756	1.947	ug/l #	83
25) 2-Butanone	6.990	43	4447	22.525	ug/l #	59

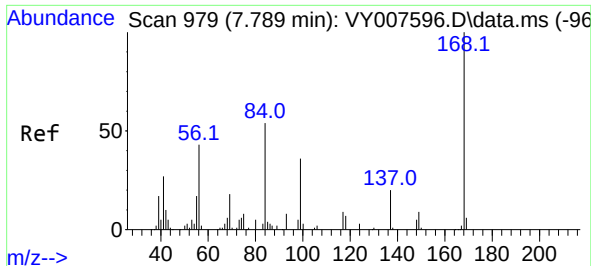
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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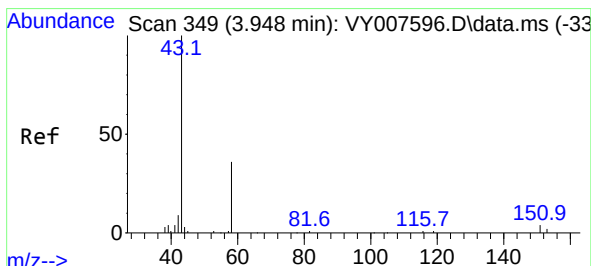
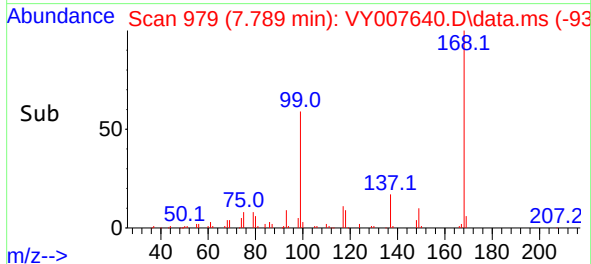
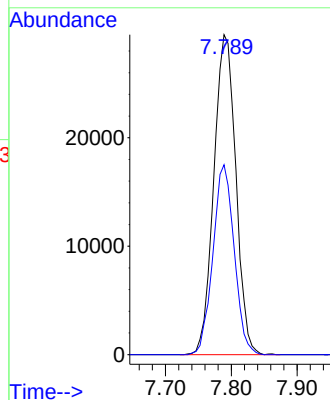
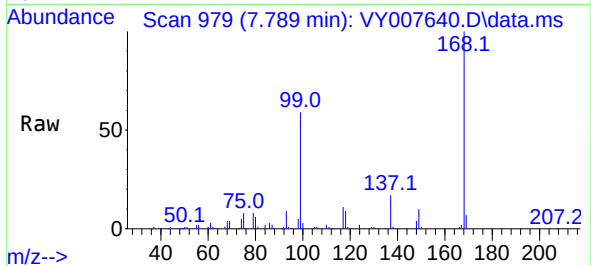




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007640.D
Acq: 25 Feb 2022 16:35

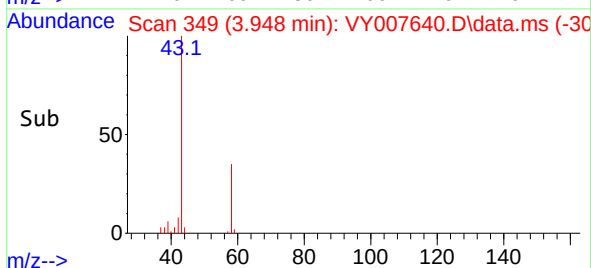
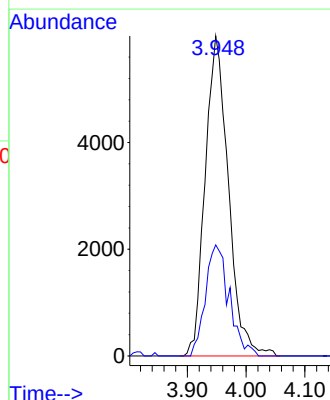
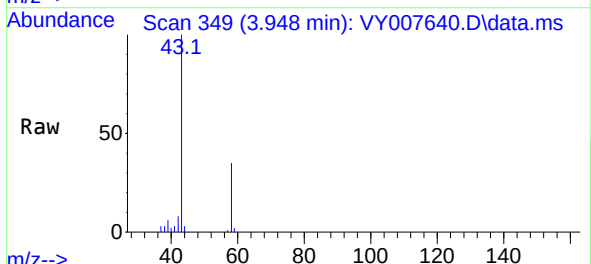
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

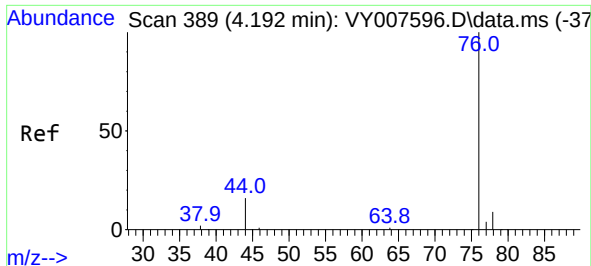
Tgt Ion:168 Resp: 68731
Ion Ratio Lower Upper
168 100
99 59.3 46.9 70.3



#16
Acetone
Concen: 94.537 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007640.D
Acq: 25 Feb 2022 16:35

Tgt Ion: 43 Resp: 16462
Ion Ratio Lower Upper
43 100
58 34.7 22.0 33.0#

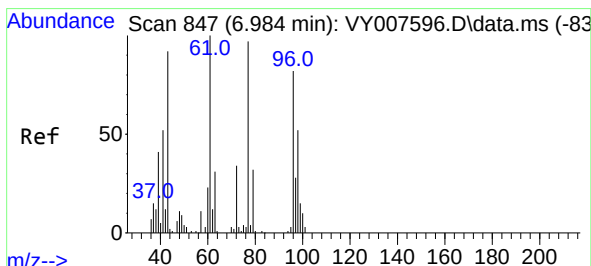
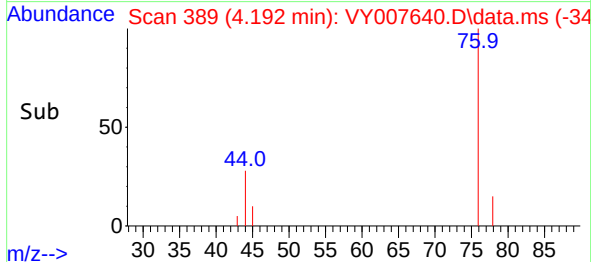
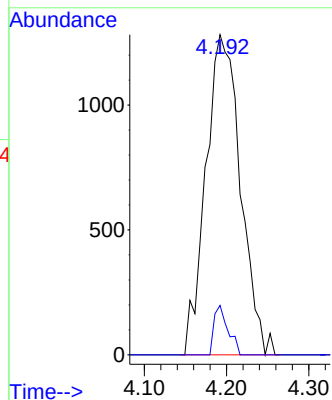
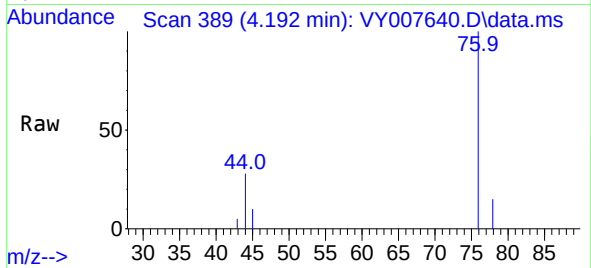




#17
Carbon Disulfide
Concen: 1.947 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007640.D
Acq: 25 Feb 2022 16:35

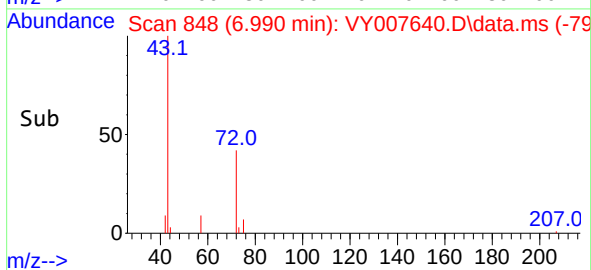
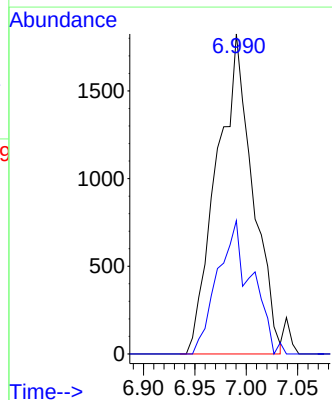
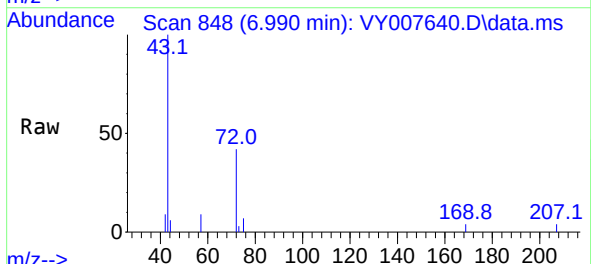
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

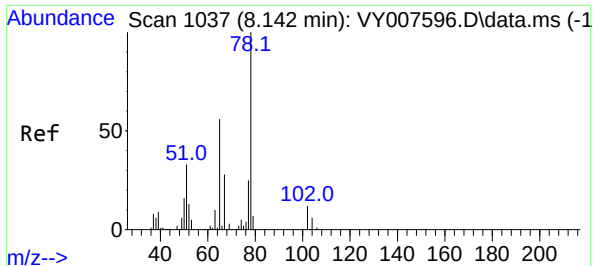
Tgt Ion: 76 Resp: 3756
Ion Ratio Lower Upper
76 100
78 15.4 7.4 11.0#



#25
2-Butanone
Concen: 22.525 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007640.D
Acq: 25 Feb 2022 16:35

Tgt Ion: 43 Resp: 4447
Ion Ratio Lower Upper
43 100
72 41.6 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 53.366 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY007640.D

Acq: 25 Feb 2022 16:35

Instrument :

MSVOA_Y

ClientSampleId :

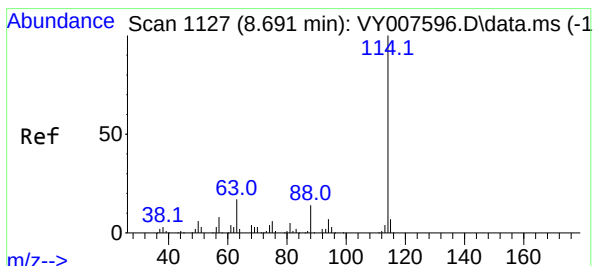
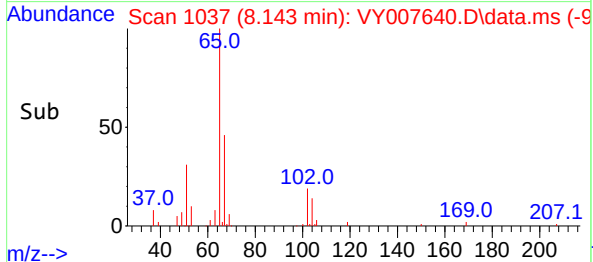
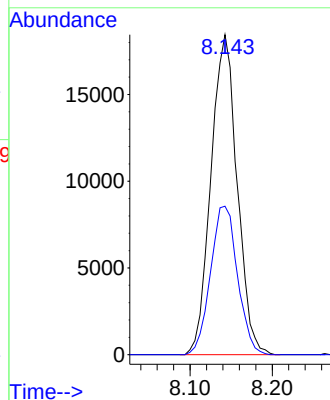
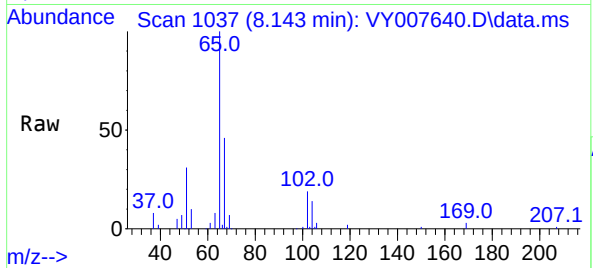
TP-5

Tgt Ion: 65 Resp: 40804

Ion Ratio Lower Upper

65 100

67 47.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007640.D

Acq: 25 Feb 2022 16:35

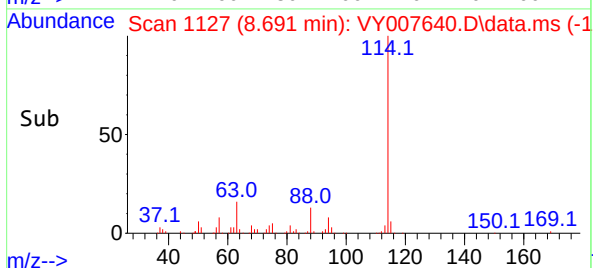
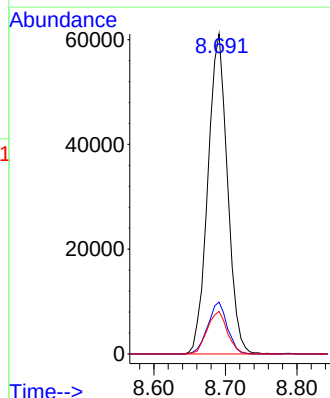
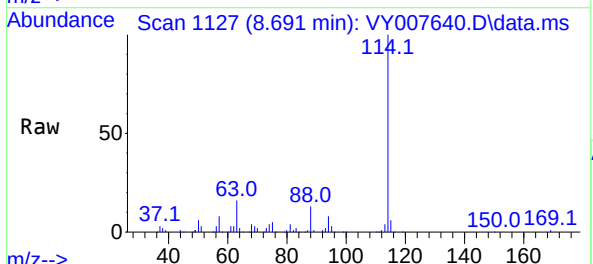
Tgt Ion: 114 Resp: 115966

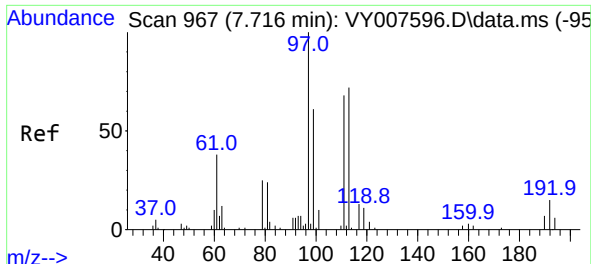
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 13.3 0.0 31.8

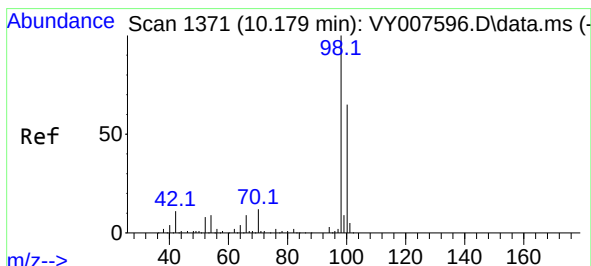
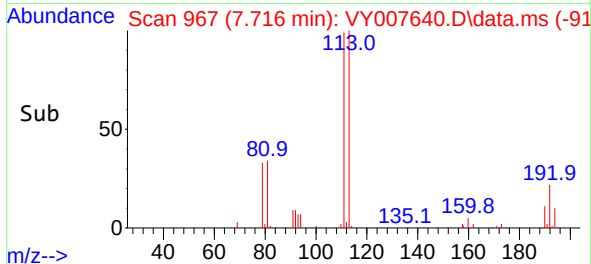
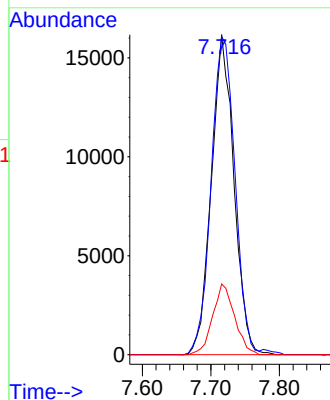
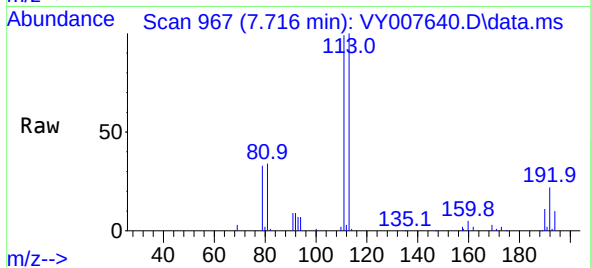




#35
Dibromofluoromethane
Concen: 50.480 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007640.D
Acq: 25 Feb 2022 16:35

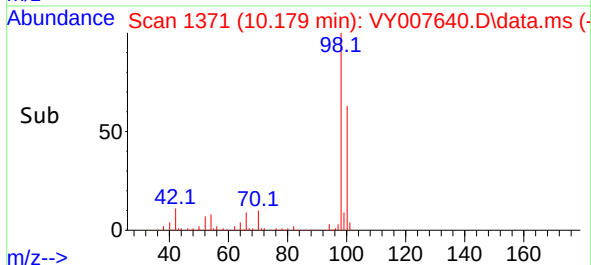
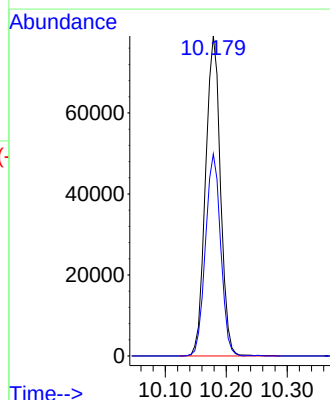
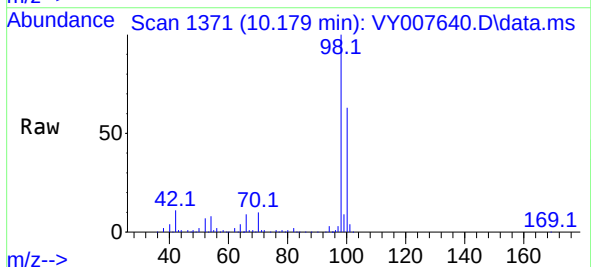
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

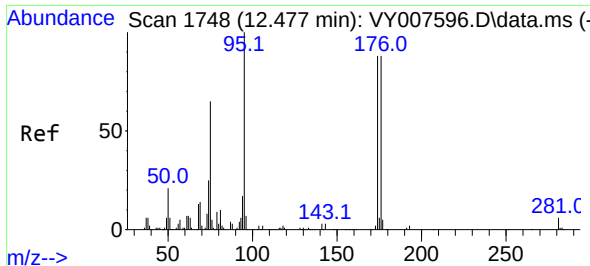
Tgt Ion:113 Resp: 36938
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 21.5 17.6 26.4



#50
Toluene-d8
Concen: 49.676 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007640.D
Acq: 25 Feb 2022 16:35

Tgt Ion: 98 Resp: 134413
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

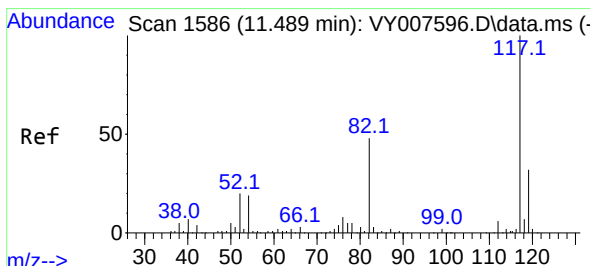
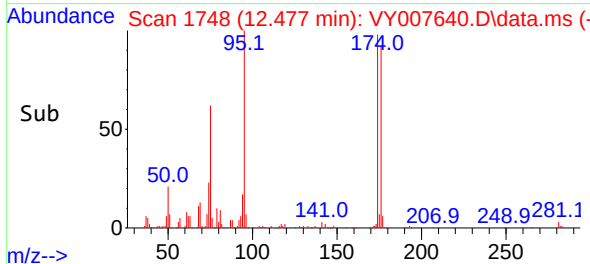
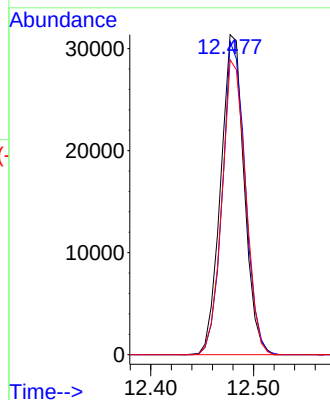
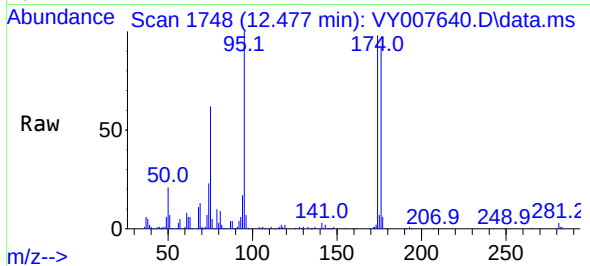




#62
4-Bromofluorobenzene
Concen: 53.756 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007640.D
Acq: 25 Feb 2022 16:35

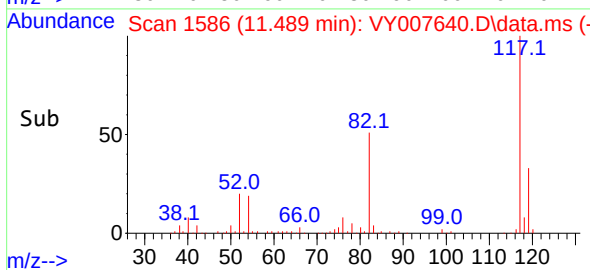
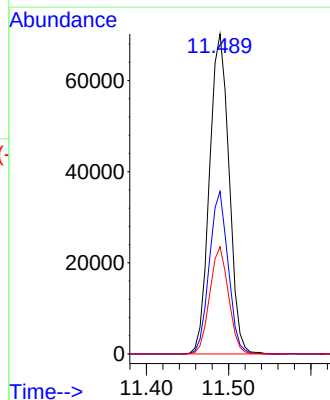
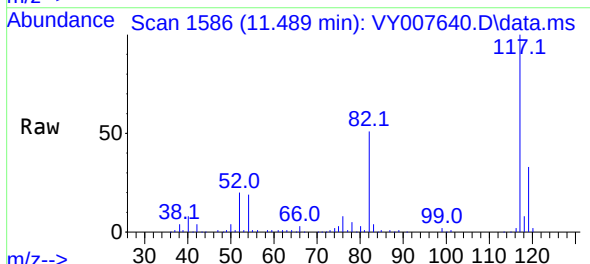
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

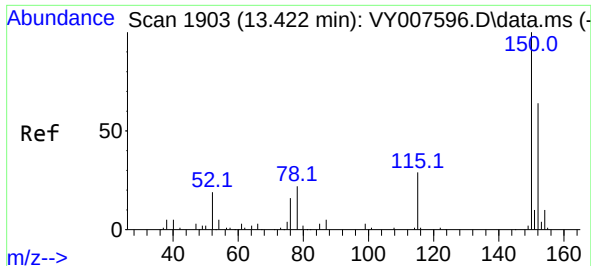
Tgt Ion: 95 Resp: 49737
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.0
176 92.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007640.D
Acq: 25 Feb 2022 16:35

Tgt Ion: 117 Resp: 116135
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 33.5 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: VY007640.D

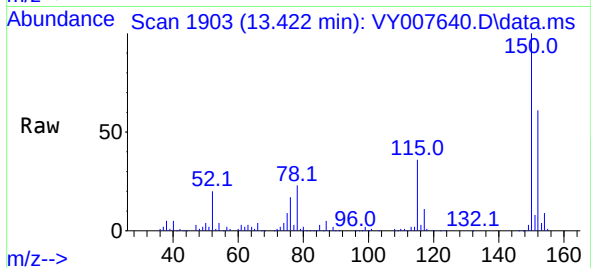
Acq: 25 Feb 2022 16:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-5



Tgt Ion:152 Resp: 56700

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 159.8 0.0 347.6

