

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008689.D
 Acq On : 10 May 2022 18:54
 Operator : KP/MD
 Sample : N2762-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05

Quant Time: May 11 04:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

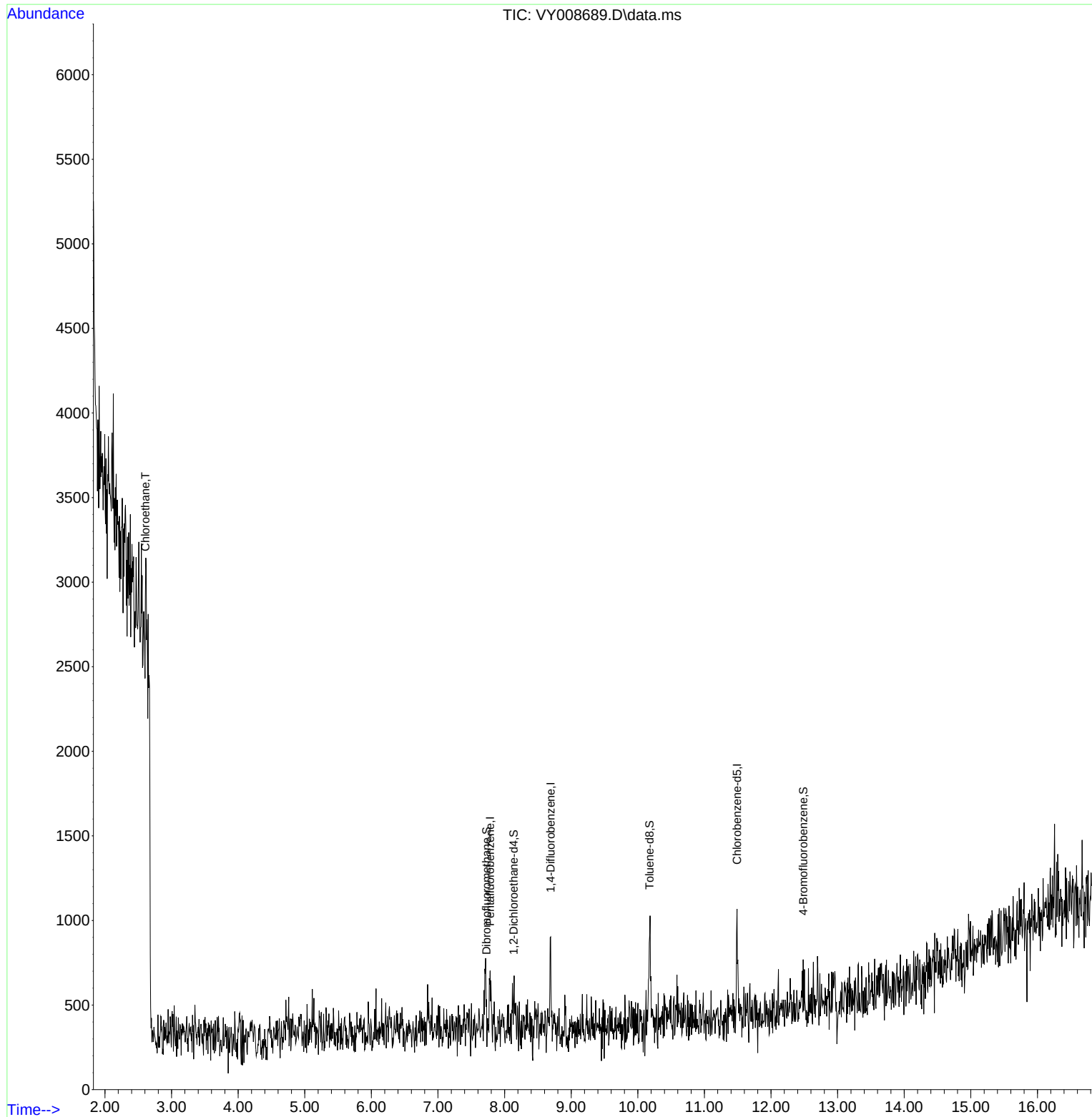
Internal Standards						
1) Pentafluorobenzene	7.782	168	254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	420	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	203	93.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	186.540%#
35) Dibromofluoromethane	7.728	113	304	73.629	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	147.260%#
50) Toluene-d8	10.178	98	597	41.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.060%
62) 4-Bromofluorobenzene	12.483	95	67	12.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	25.600%
Target Compounds						Qvalue
6) Chloroethane	2.607	64	20	14.048	ug/l	# 43

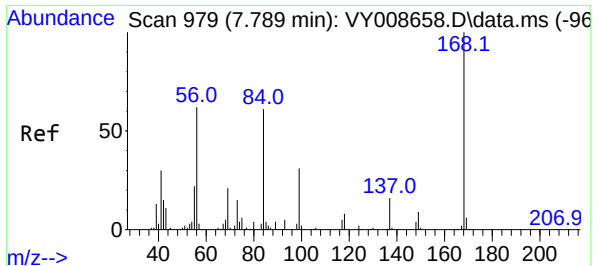
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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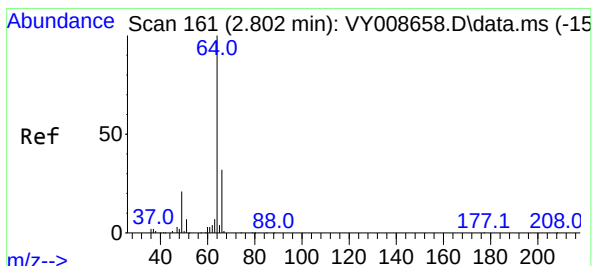
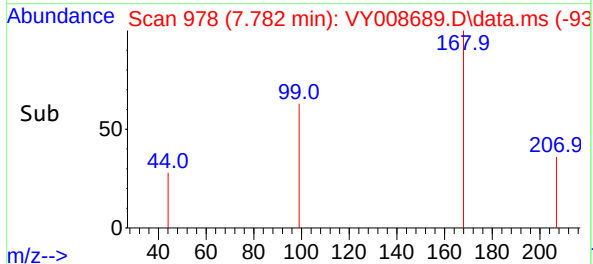
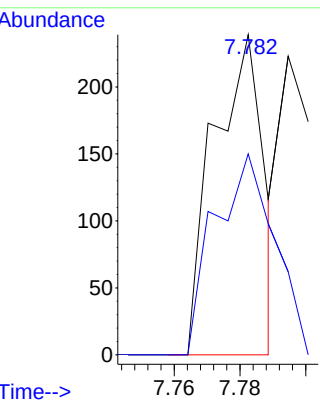
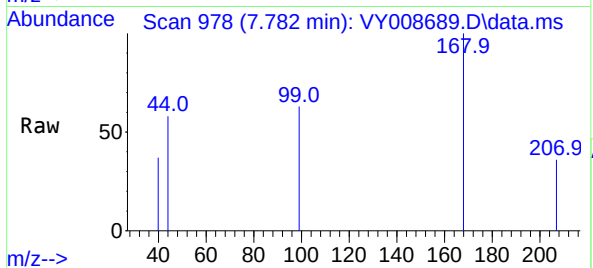




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

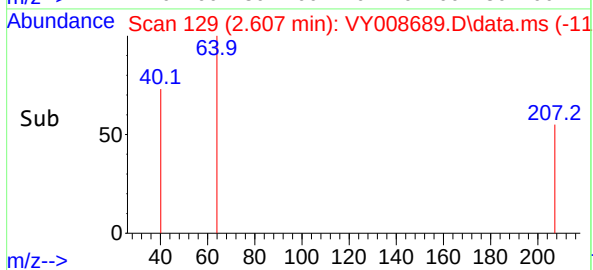
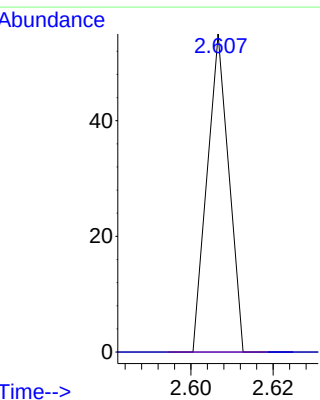
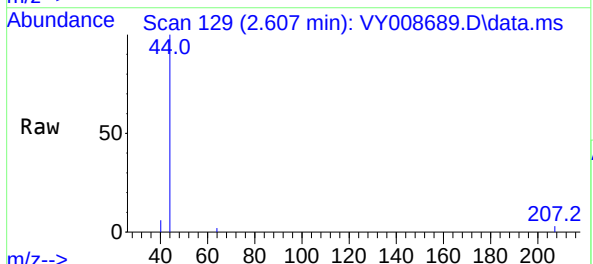
Instrument :
MSVOA_Y
ClientSampleId :
SB05

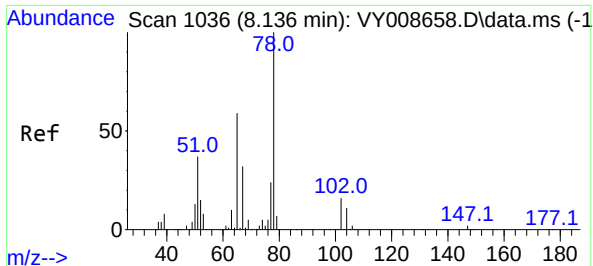
Tgt Ion:168 Resp: 254
Ion Ratio Lower Upper
168 100
99 62.8 46.9 70.3



#6
Chloroethane
Concen: 14.048 ug/l
RT: 2.607 min Scan# 129
Delta R.T. -0.195 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

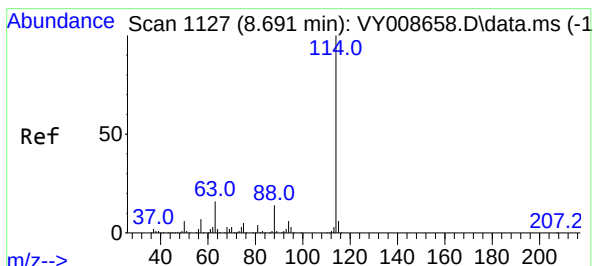
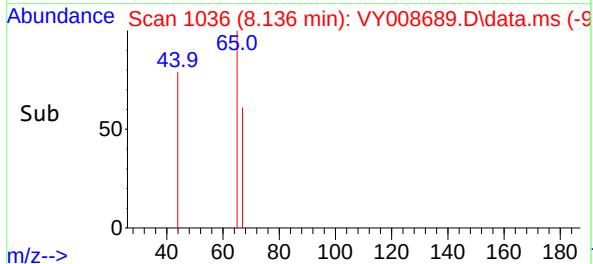
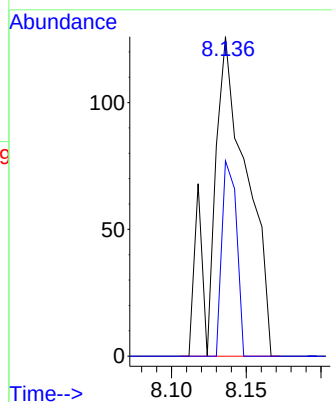
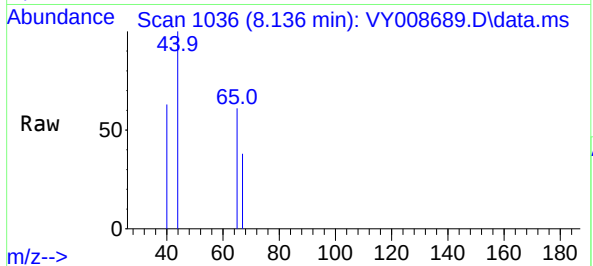




#33
1,2-Dichloroethane-d4
Concen: 93.273 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

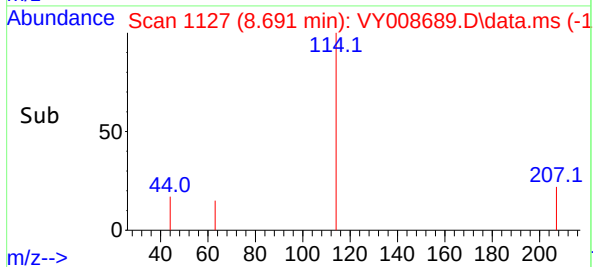
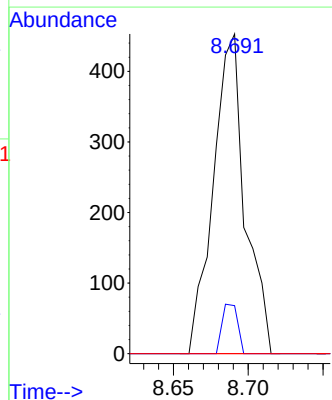
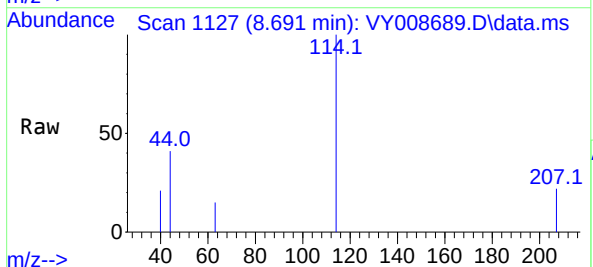
Instrument :
MSVOA_Y
ClientSampleId :
SB05

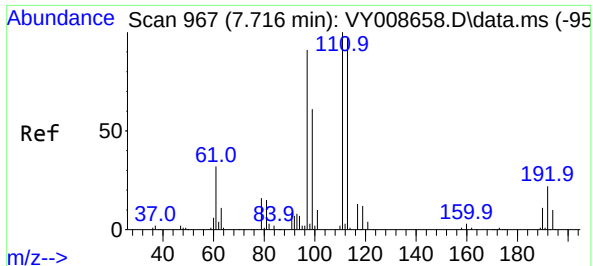
Tgt Ion: 65 Resp: 203
Ion Ratio Lower Upper
65 100
67 25.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

Tgt Ion: 114 Resp: 670
Ion Ratio Lower Upper
114 100
63 15.0 0.0 43.2
88 0.0 0.0 31.8

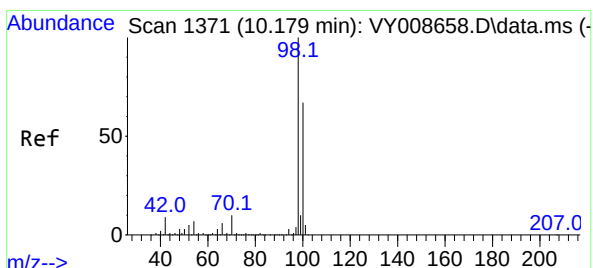
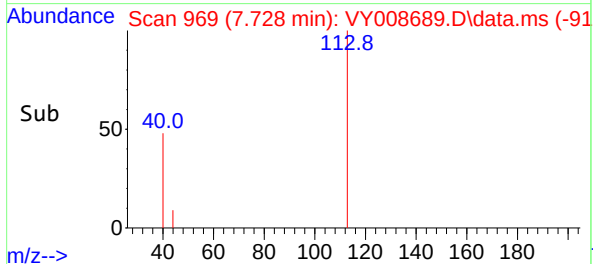
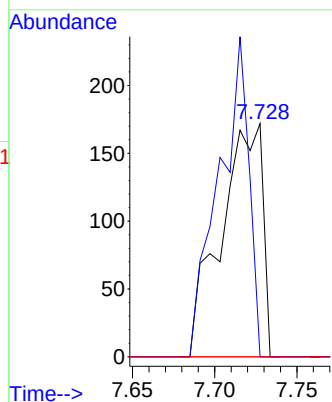
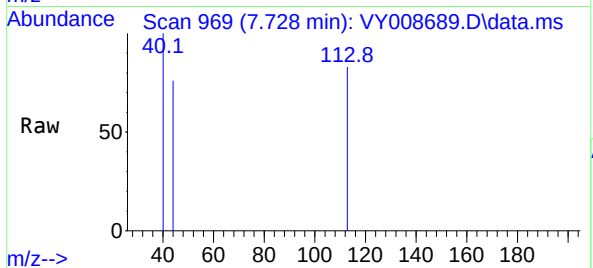




#35
Dibromofluoromethane
Concen: 73.629 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

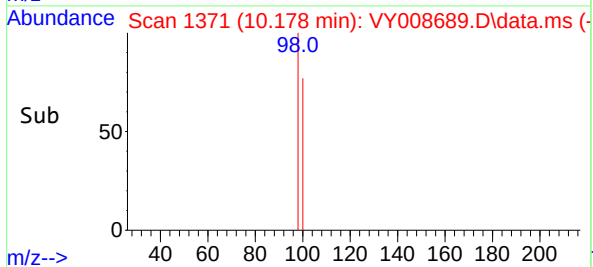
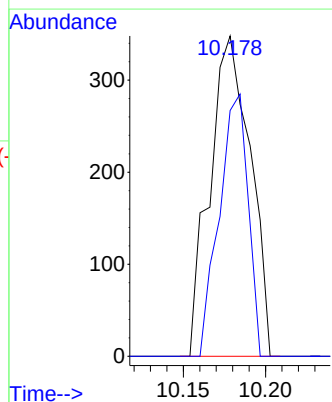
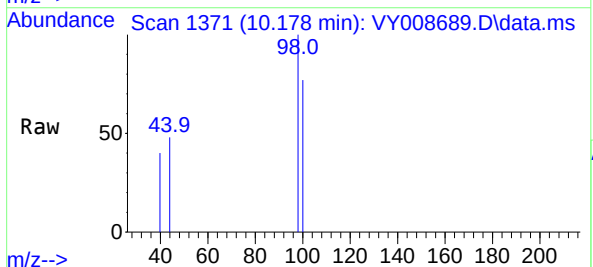
Instrument :
MSVOA_Y
ClientSampleId :
SB05

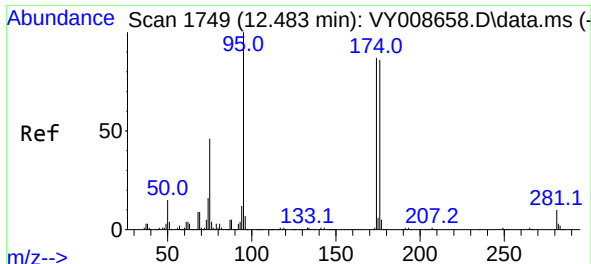
Tgt Ion:113 Resp: 304
Ion Ratio Lower Upper
113 100
111 98.4 82.6 124.0
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 41.031 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

Tgt Ion: 98 Resp: 597
Ion Ratio Lower Upper
98 100
100 58.0 50.2 75.2

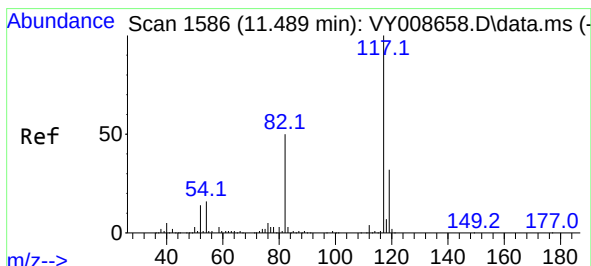
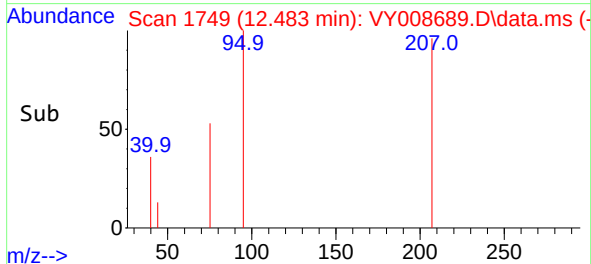
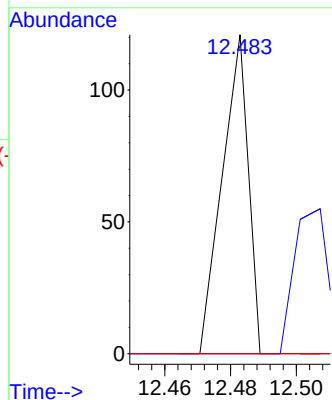
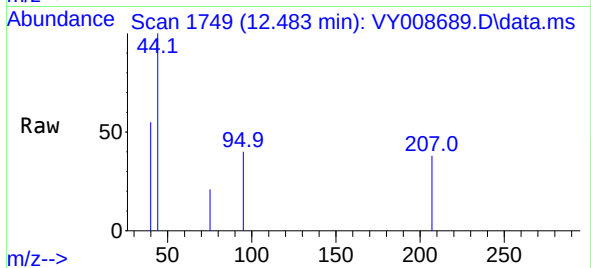




#62
4-Bromofluorobenzene
Concen: 12.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

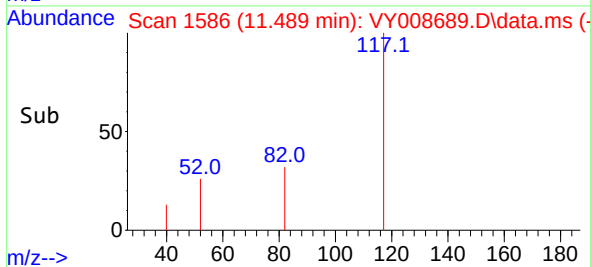
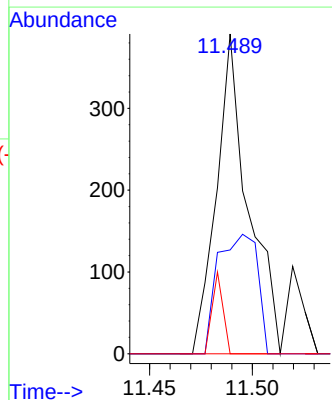
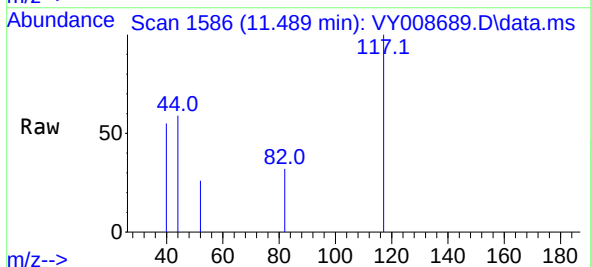
Instrument :
MSVOA_Y
ClientSampleId :
SB05

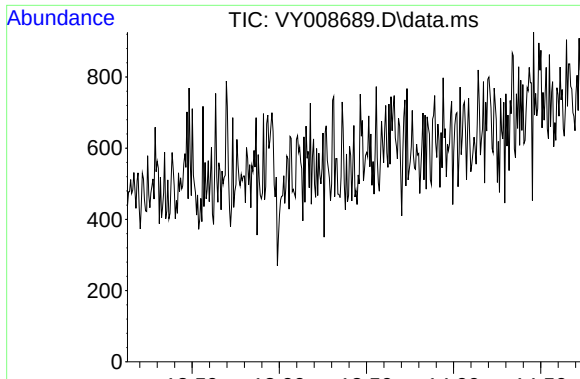
Tgt Ion: 95 Resp: 67
Ion Ratio Lower Upper
95 100
174 0.0 0.0 177.0
176 0.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

Tgt Ion: 117 Resp: 420
Ion Ratio Lower Upper
117 100
82 32.5 43.0 64.4#
119 0.0 25.4 38.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

Instrument :
MSVOA_Y
ClientSampleId :
SB05

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 173.8

