

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008649.D
 Acq On : 05 May 2022 06:45
 Operator : KP/MD
 Sample : N2665-12
 Misc : 6.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9,6

Quant Time: May 05 07:50:28 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)

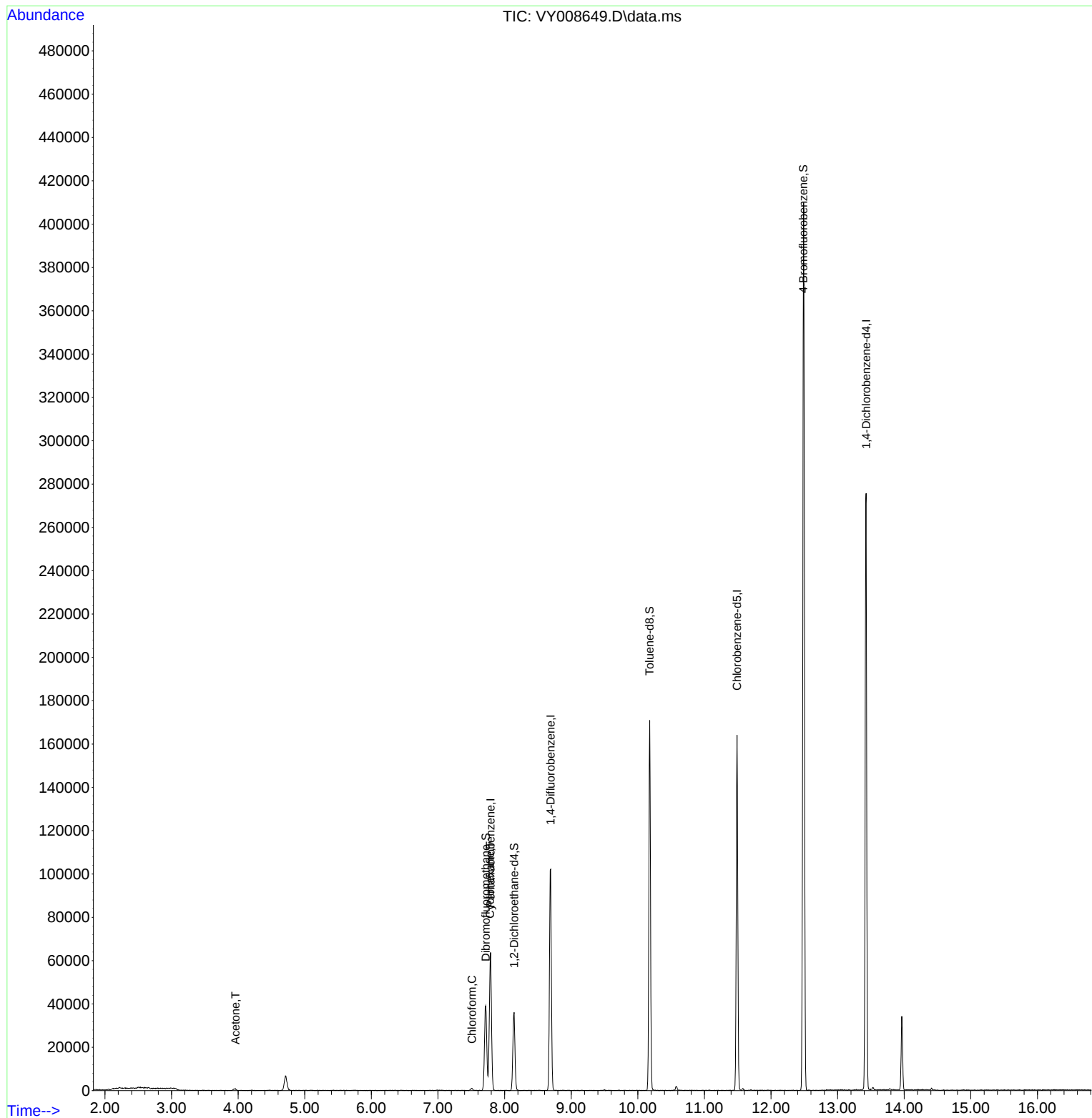
Internal Standards						
1) Pentafluorobenzene	7.789	168	48093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	89098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	87602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	27230	58.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.500%
35) Dibromofluoromethane	7.716	113	27748	47.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.140%
50) Toluene-d8	10.179	98	110733	53.015	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.040%
62) 4-Bromofluorobenzene	12.483	95	38898	50.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.620%
Target Compounds						
16) Acetone	3.960	43	1536	15.251	ug/l #	85
30) Chloroform	7.509	83	1105	1.122	ug/l	95
31) Cyclohexane	7.783	56	1151	1.427	ug/l #	26

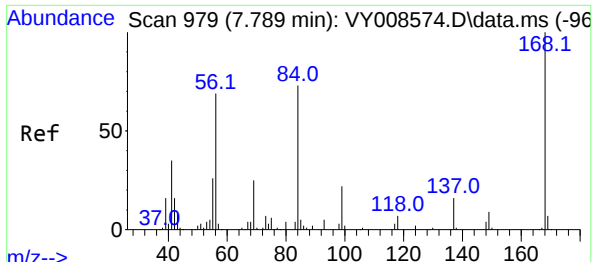
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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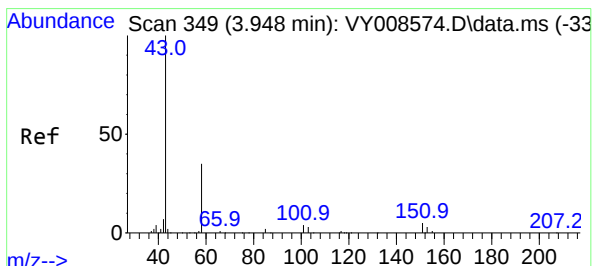
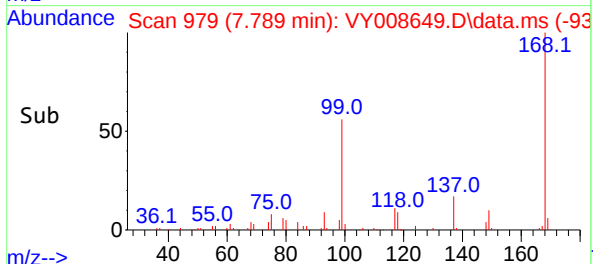
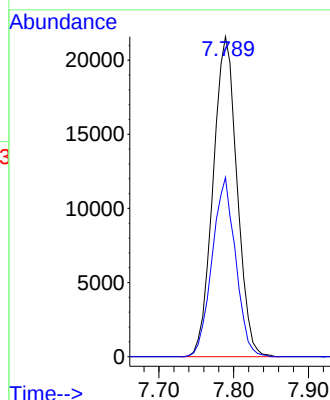
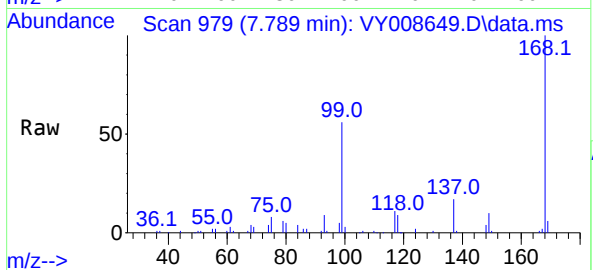




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008649.D
Acq: 05 May 2022 06:45

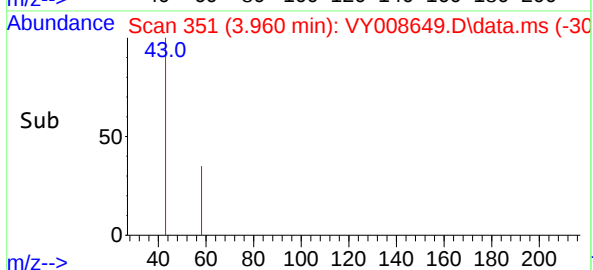
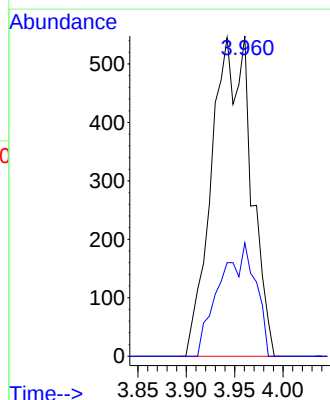
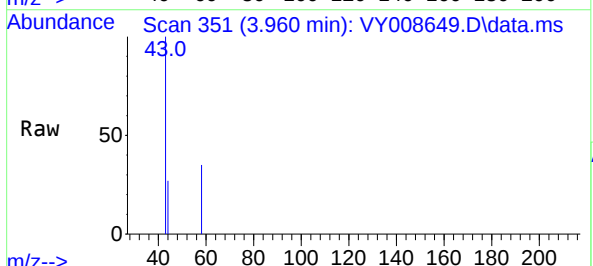
Instrument :
MSVOA_Y
ClientSampleId :
SB-9,6

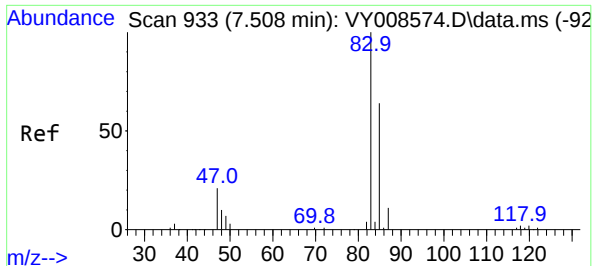
Tgt Ion:168 Resp: 48093
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#16
Acetone
Concen: 15.251 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY008649.D
Acq: 05 May 2022 06:45

Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
58 35.4 22.0 33.0#





#30

Chloroform

Concen: 1.122 ug/l

RT: 7.509 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY008649.D

Acq: 05 May 2022 06:45

Instrument :

MSVOA_Y

ClientSampleId :

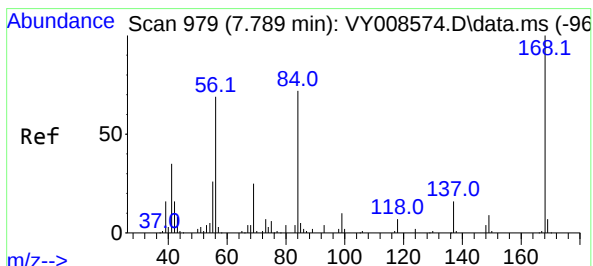
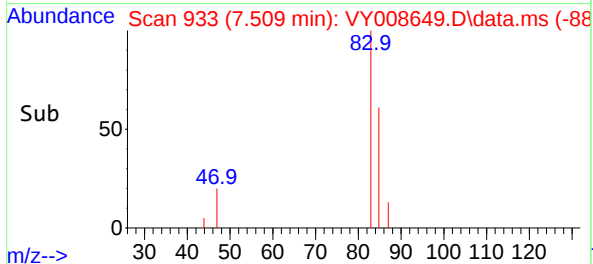
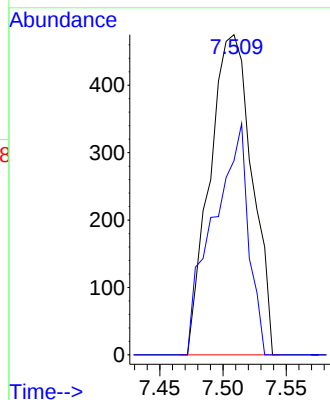
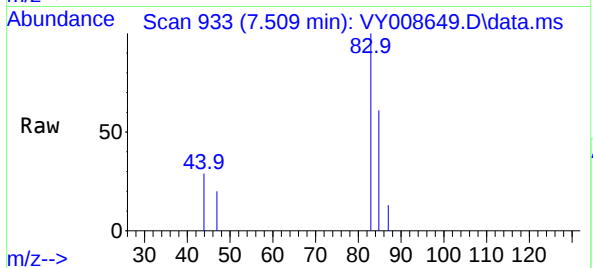
SB-9,6

Tgt Ion: 83 Resp: 1105

Ion Ratio Lower Upper

83 100

85 60.6 51.8 77.6



#31

Cyclohexane

Concen: 1.427 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY008649.D

Acq: 05 May 2022 06:45

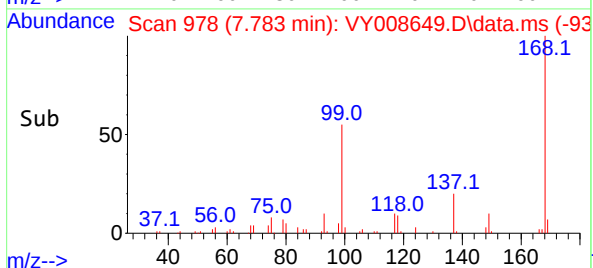
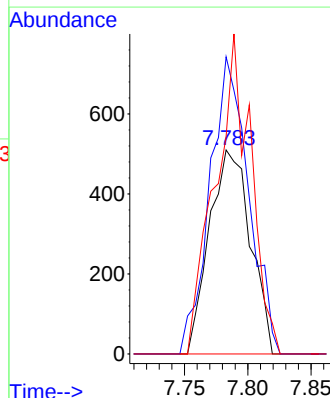
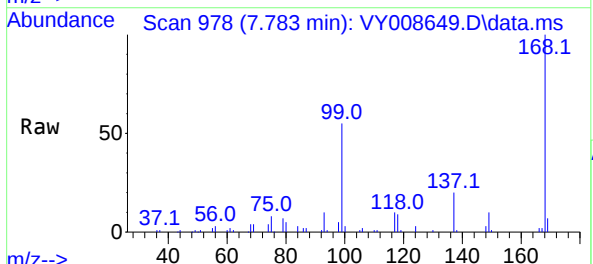
Tgt Ion: 56 Resp: 1151

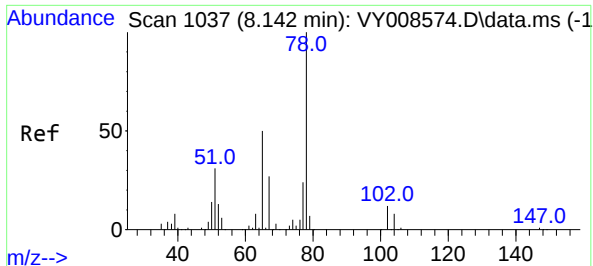
Ion Ratio Lower Upper

56 100

69 145.7 26.7 40.1#

84 106.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.255 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008649.D

Acq: 05 May 2022 06:45

Instrument :

MSVOA_Y

ClientSampleId :

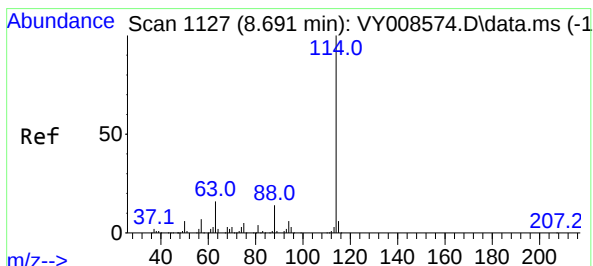
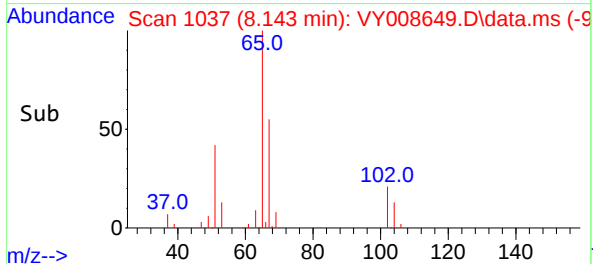
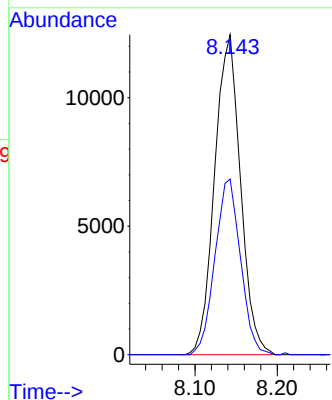
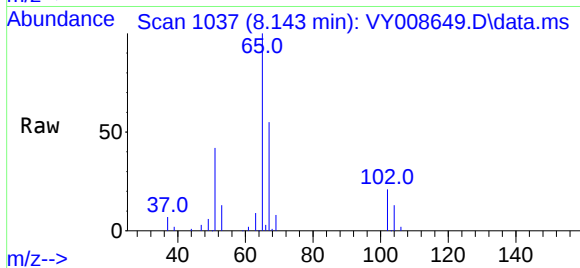
SB-9,6

Tgt Ion: 65 Resp: 27230

Ion Ratio Lower Upper

65 100

67 54.2 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: VY008649.D

Acq: 05 May 2022 06:45

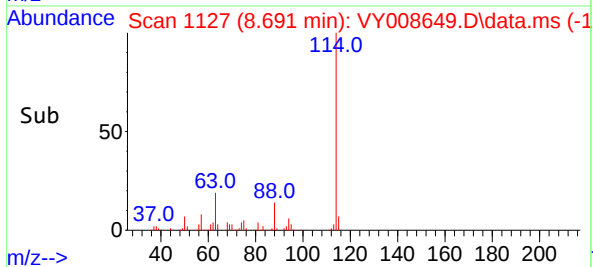
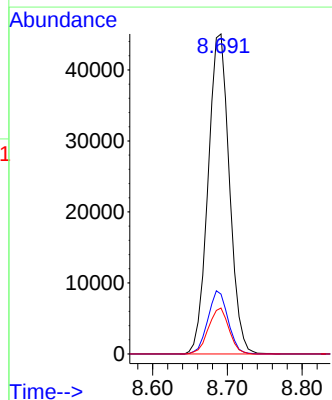
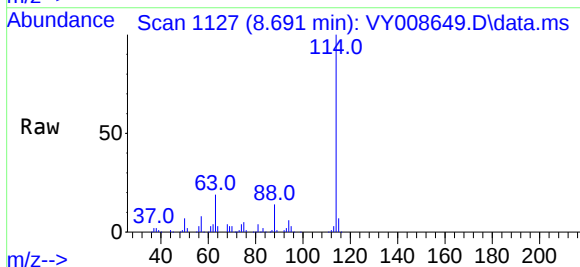
Tgt Ion: 114 Resp: 89098

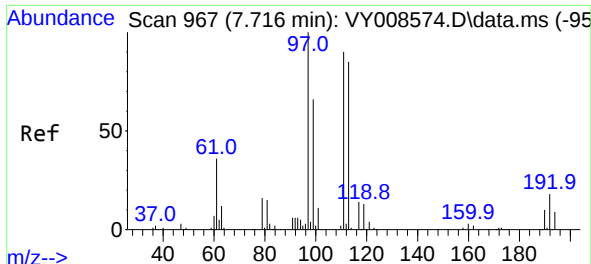
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.3 0.0 31.8

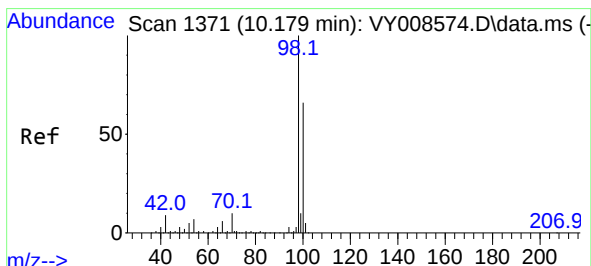
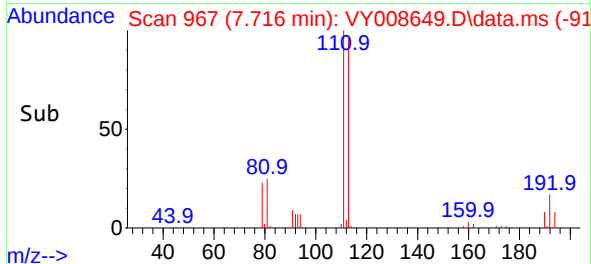
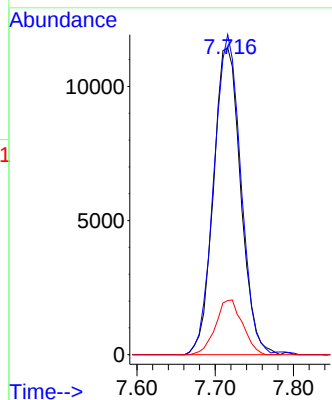
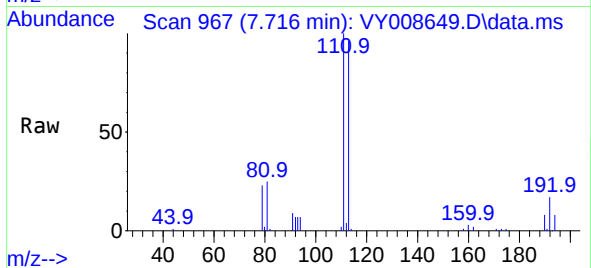




#35
Dibromofluoromethane
Concen: 47.066 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008649.D
Acq: 05 May 2022 06:45

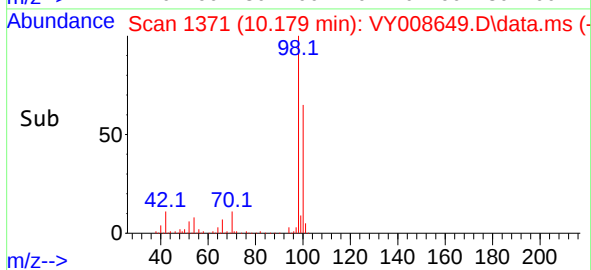
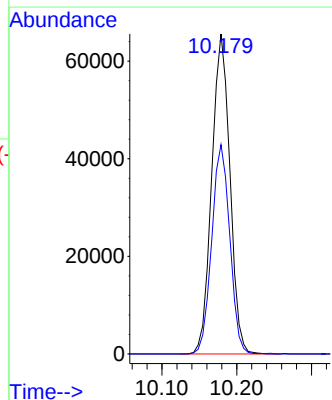
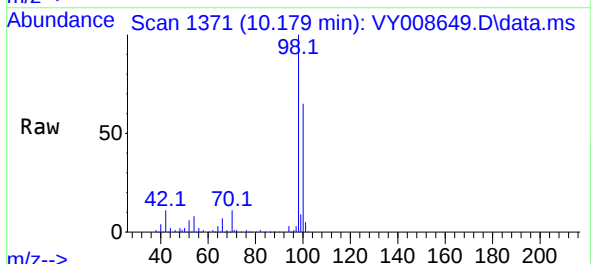
Instrument :
MSVOA_Y
ClientSampleId :
SB-9,6

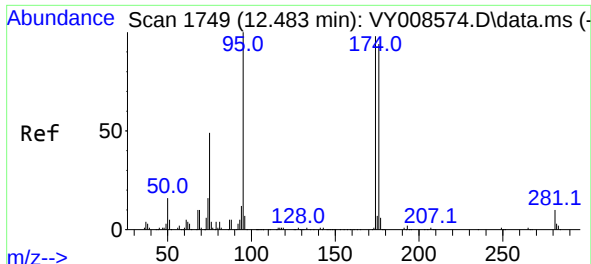
Tgt Ion:113 Resp: 27748
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 17.6 17.6 26.4#



#50
Toluene-d8
Concen: 53.015 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008649.D
Acq: 05 May 2022 06:45

Tgt Ion: 98 Resp: 110733
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

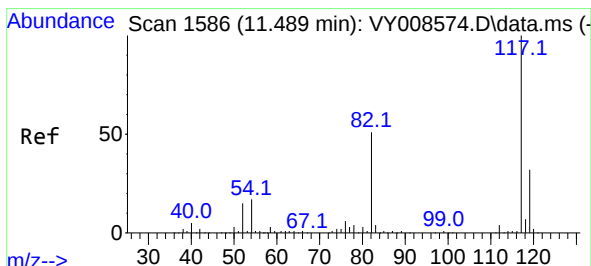
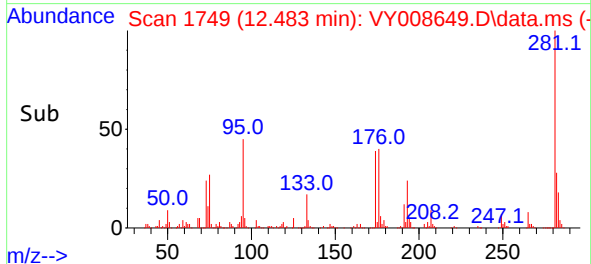
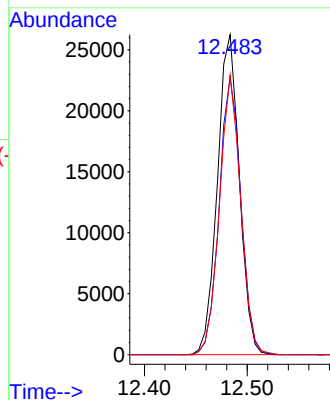
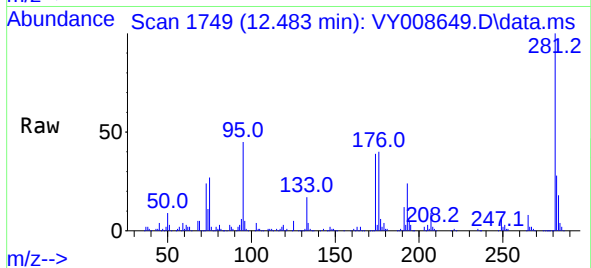




#62
4-Bromofluorobenzene
Concen: 50.810 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008649.D
Acq: 05 May 2022 06:45

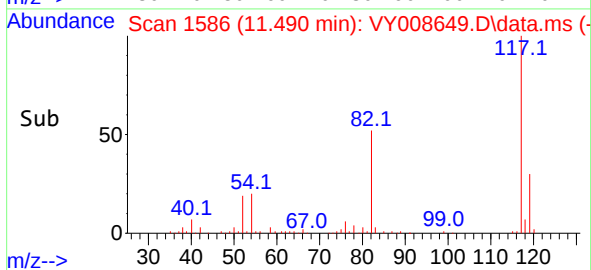
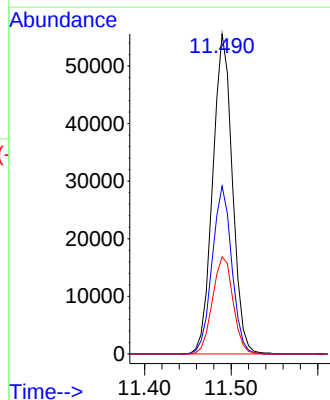
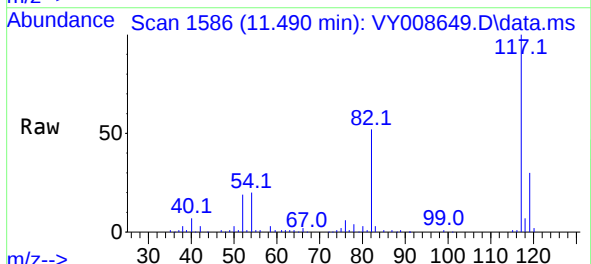
Instrument :
MSVOA_Y
ClientSampleId :
SB-9,6

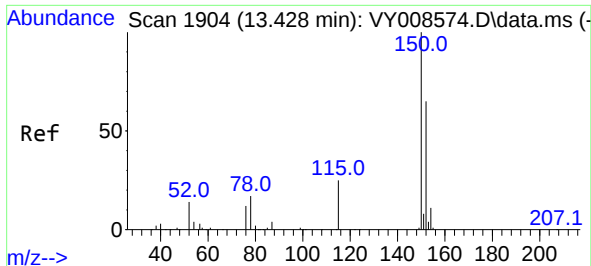
Tgt Ion: 95 Resp: 38898
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 84.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008649.D
Acq: 05 May 2022 06:45

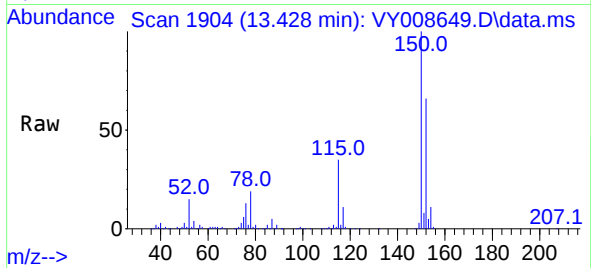
Tgt Ion: 117 Resp: 87602
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 30.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008649.D
 Acq: 05 May 2022 06:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9,6



Tgt Ion:152 Resp: 78622
 Ion Ratio Lower Upper
 152 100
 115 52.6 28.2 84.7
 150 153.9 0.0 347.6

