

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008707.D
 Acq On : 11 May 2022 15:16
 Operator : KP/MD
 Sample : N2762-06RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB16RE

Quant Time: May 12 06:29:10 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)

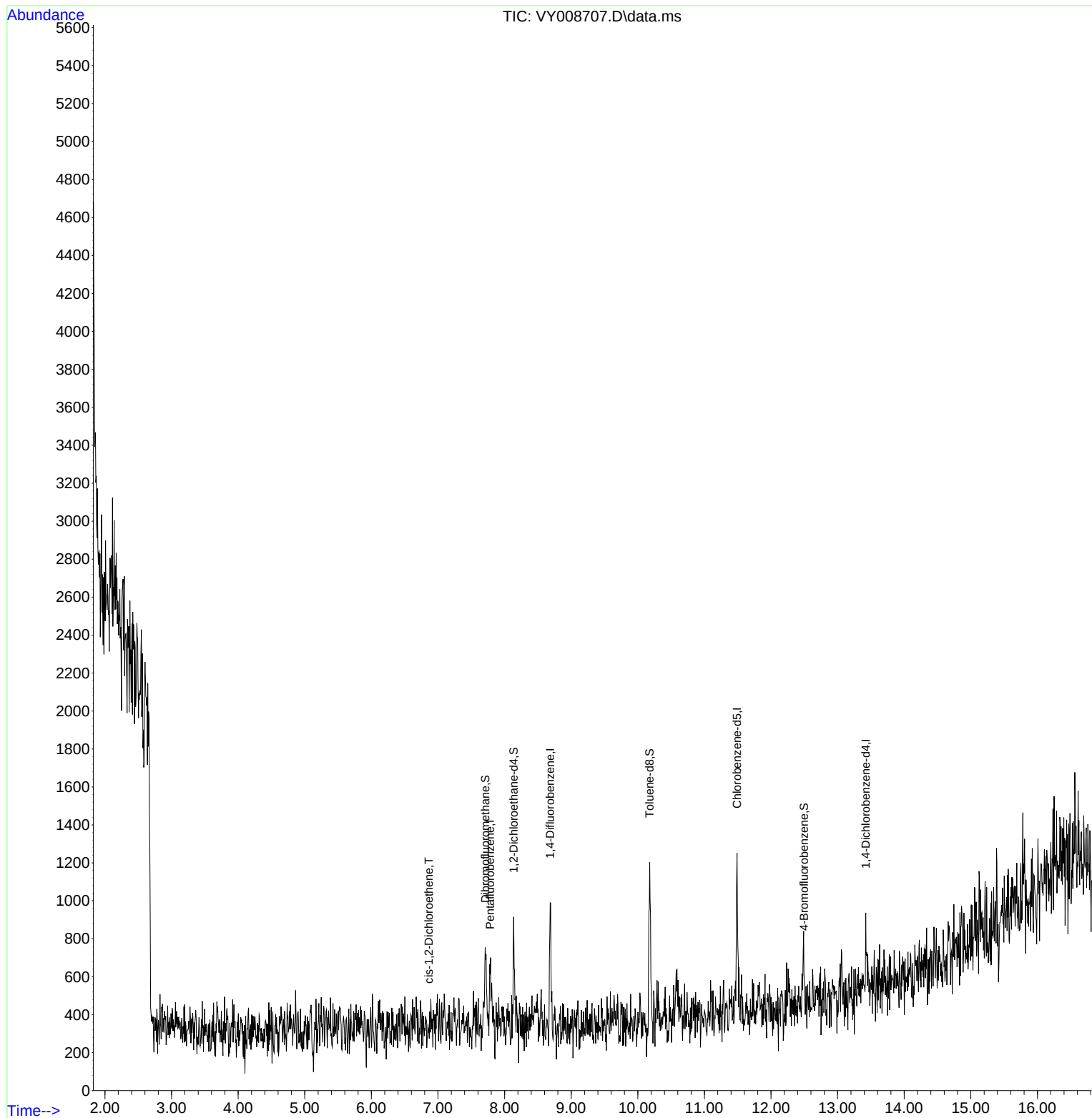
Internal Standards						
1) Pentafluorobenzene	7.783	168	505	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	495	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	369	85.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.560%#	
35) Dibromofluoromethane	7.710	113	309	61.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.800%	
50) Toluene-d8	10.179	98	894	50.824	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	12.495	95	50	7.901	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 15.800%#	
Target Compounds						
27) cis-1,2-Dichloroethene	6.862	96	19	2.829	ug/l	# Qvalue 1

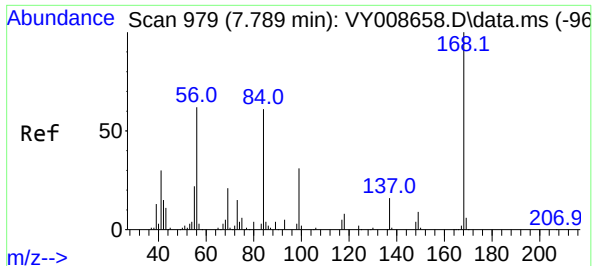
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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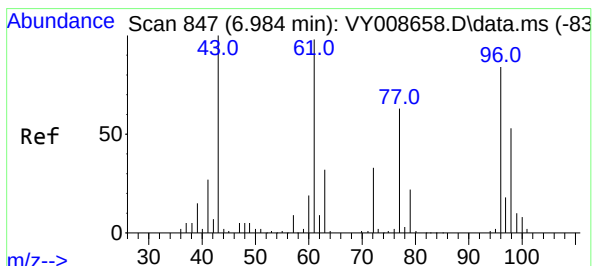
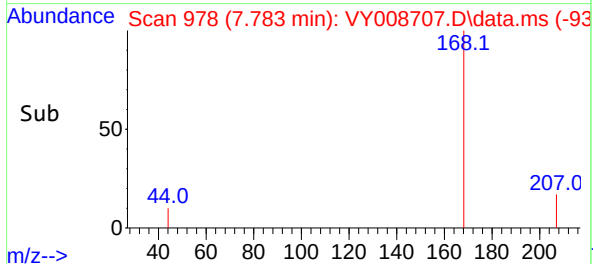
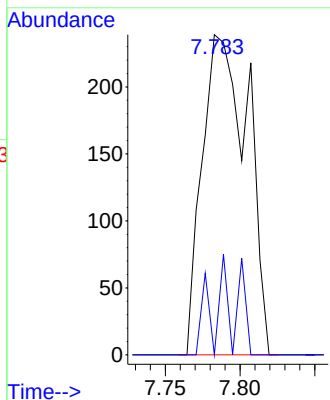
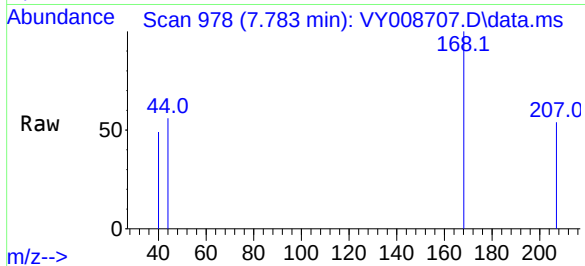




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008707.D
Acq: 11 May 2022 15:16

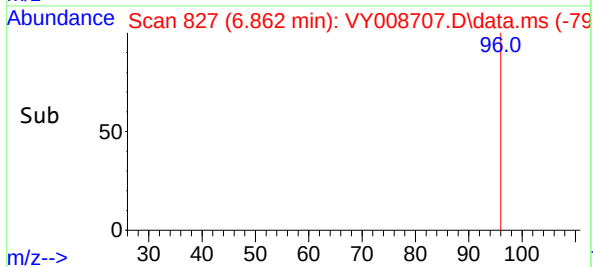
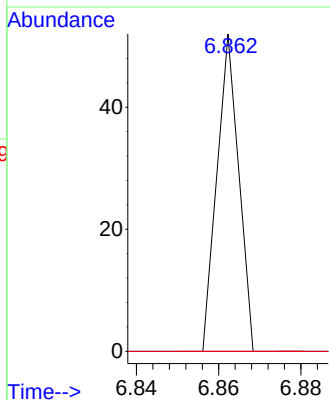
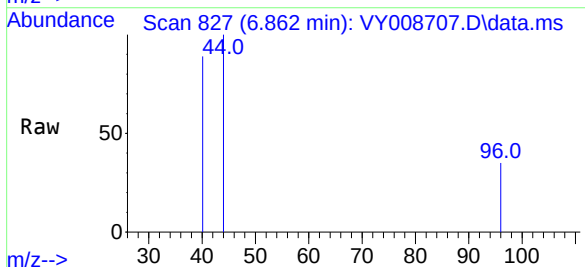
Instrument :
MSVOA_Y
ClientSampleId :
SB16RE

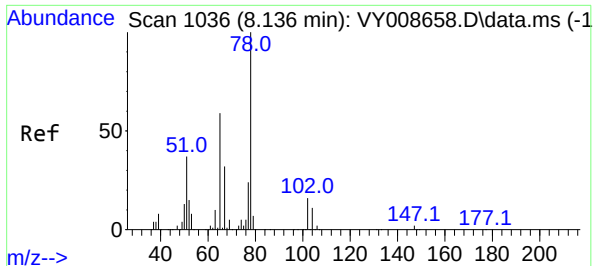
Tgt Ion:168 Resp: 505
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#27
cis-1,2-Dichloroethene
Concen: 2.829 ug/l
RT: 6.862 min Scan# 827
Delta R.T. -0.122 min
Lab File: VY008707.D
Acq: 11 May 2022 15:16

Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 0.0 319.8
98 0.0 0.0 127.0





#33

1,2-Dichloroethane-d4

Concen: 85.276 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008707.D

Acq: 11 May 2022 15:16

Instrument :

MSVOA_Y

ClientSampleId :

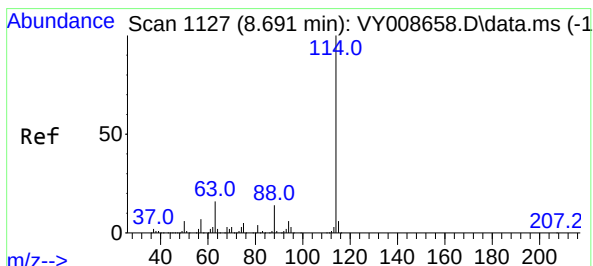
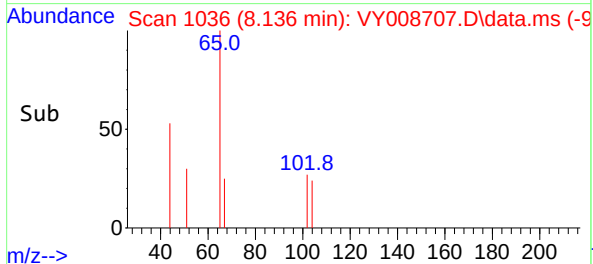
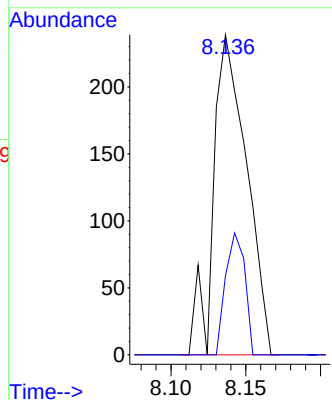
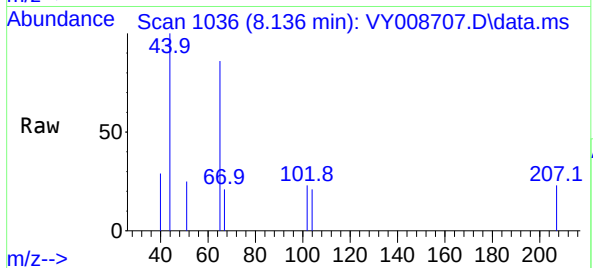
SB16RE

Tgt Ion: 65 Resp: 369

Ion Ratio Lower Upper

65 100

67 22.0 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: VY008707.D

Acq: 11 May 2022 15:16

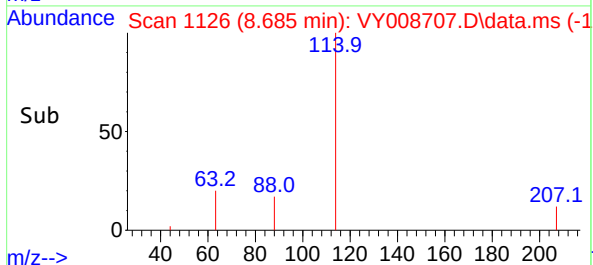
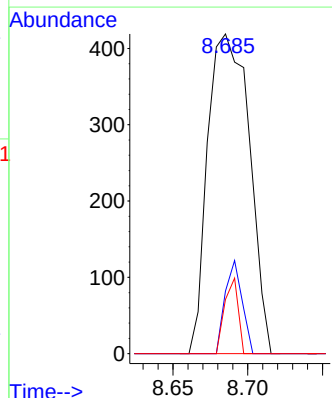
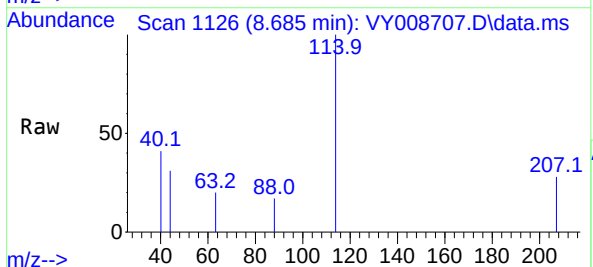
Tgt Ion: 114 Resp: 810

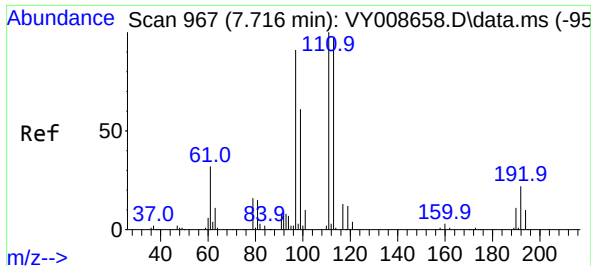
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 16.9 0.0 31.8

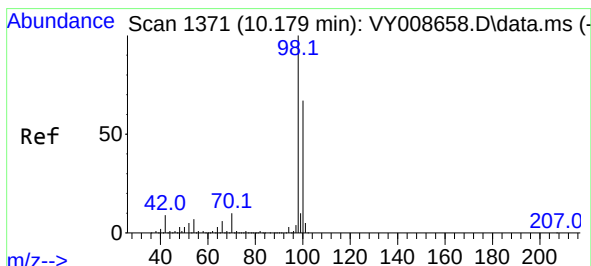
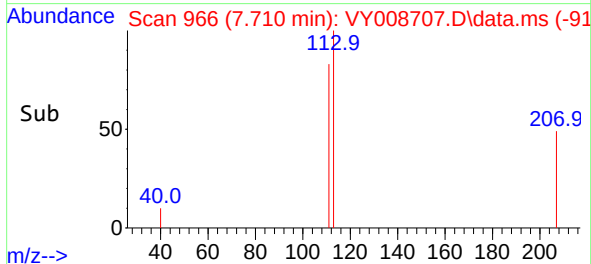
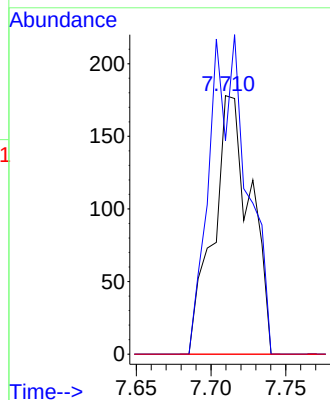
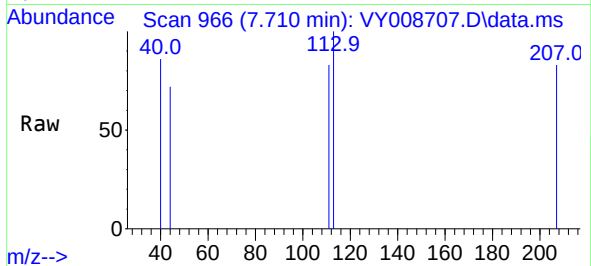




#35
Dibromofluoromethane
Concen: 61.904 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008707.D
Acq: 11 May 2022 15:16

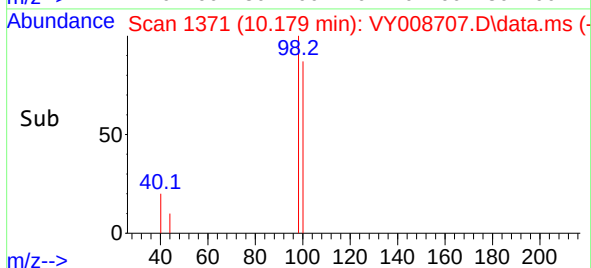
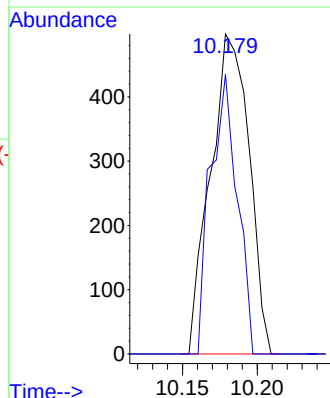
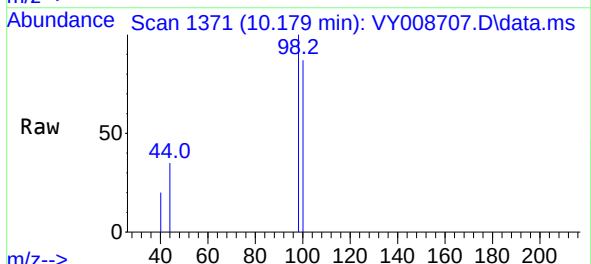
Instrument :
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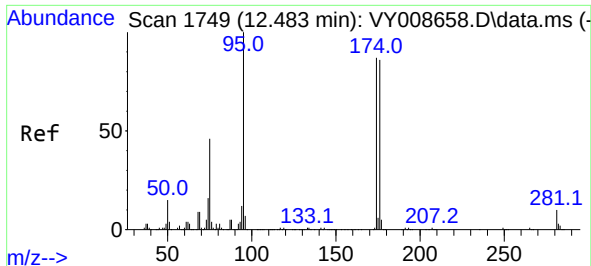
Tgt Ion:113 Resp: 309
Ion Ratio Lower Upper
113 100
111 124.3 82.6 124.0#
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 50.824 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008707.D
Acq: 11 May 2022 15:16

Tgt Ion: 98 Resp: 894
Ion Ratio Lower Upper
98 100
100 60.3 50.2 75.2

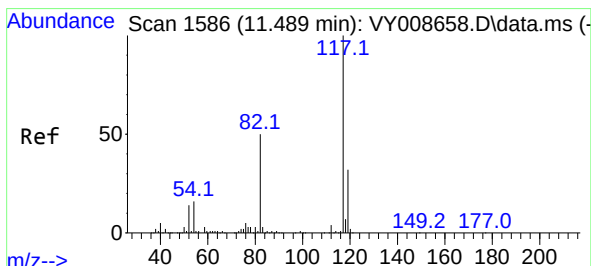
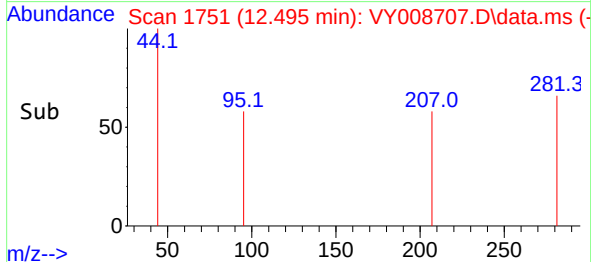
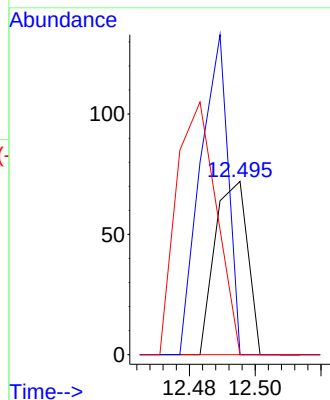
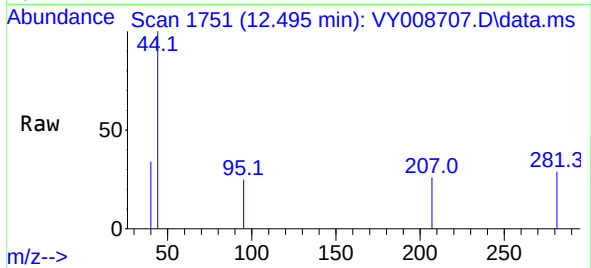




#62
4-Bromofluorobenzene
Concen: 7.901 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY008707.D
Acq: 11 May 2022 15:16

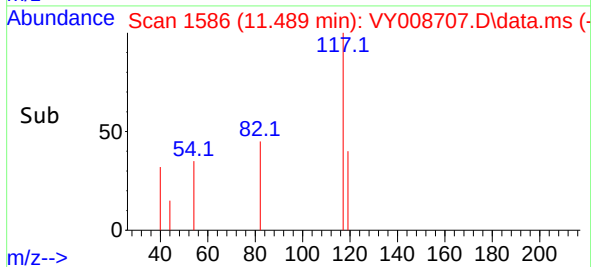
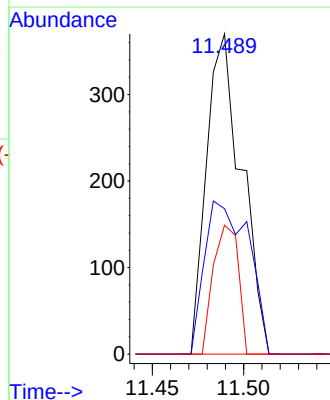
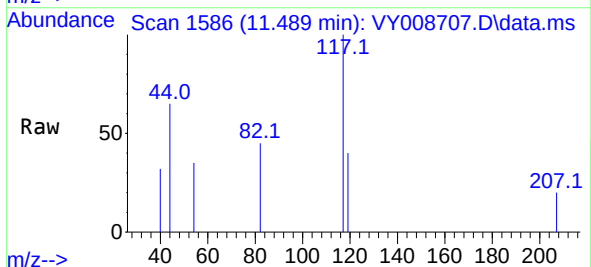
Instrument :
MSVOA_Y
ClientSampleId :
SB16RE

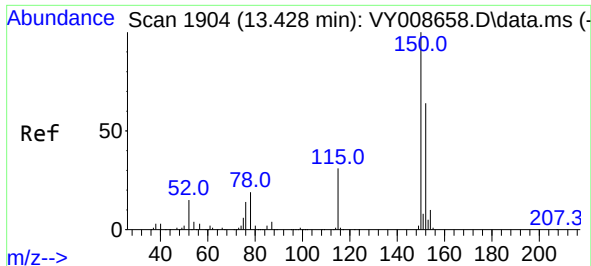
Tgt Ion: 95 Resp: 50
Ion Ratio Lower Upper
95 100
174 156.0 0.0 177.0
176 178.0 0.0 175.8#



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008707.D
Acq: 11 May 2022 15:16

Tgt Ion: 117 Resp: 495
Ion Ratio Lower Upper
117 100
82 45.4 43.0 64.4
119 40.3 25.4 38.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 19

Delta R.T. -0.006 min

Lab File: VY008707.D

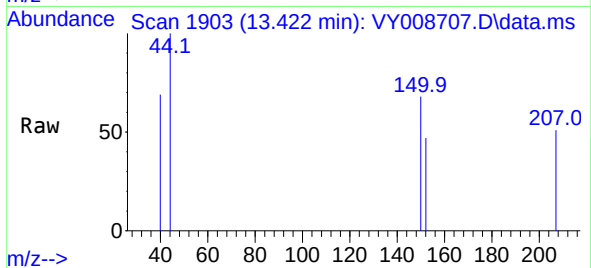
Acq: 11 May 2022 15:16

Instrument :

MSVOA_Y

ClientSampleId :

SB16RE



Tgt Ion:152 Resp: 138

Ion Ratio Lower Upper

152 100

115 0.0 28.2 84.7#

150 107.2 0.0 347.6

