

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011946.D
 Acq On : 21 Dec 2022 15:00
 Operator : KP/MD
 Sample : N6098-11
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FVSUB-TP2-COMP-02

Quant Time: Dec 22 00:13:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

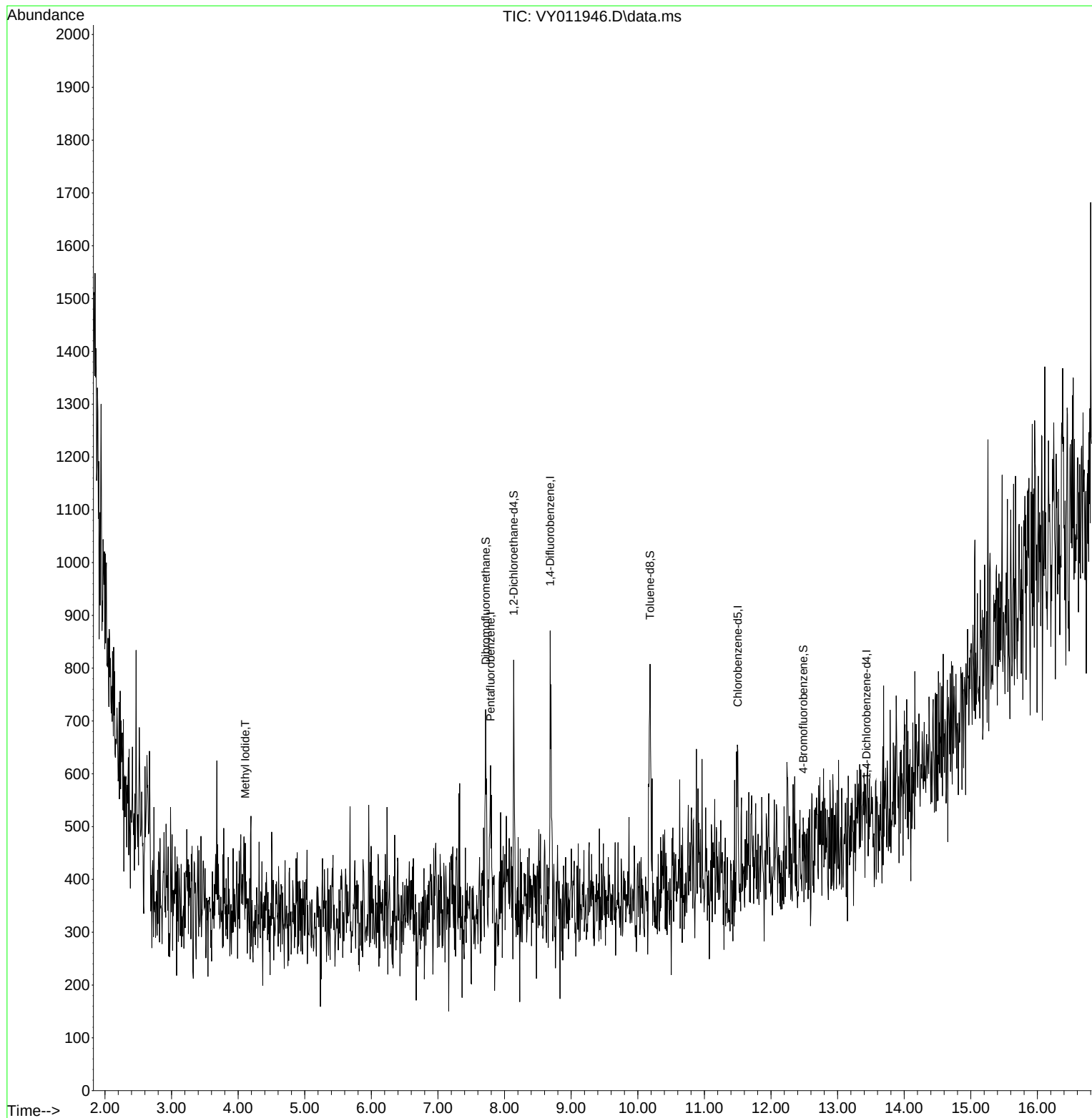
Internal Standards						
1) Pentafluorobenzene	7.789	168	307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	252	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	20	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	269	86.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.940%#	
35) Dibromofluoromethane	7.716	113	175	44.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.000%	
50) Toluene-d8	10.185	98	437	27.695	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 55.400%	
62) 4-Bromofluorobenzene	12.483	95	41	7.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 15.460%#	
Target Compounds						
10) Methyl Iodide	4.107	142	40	9.956	ug/l	# 38

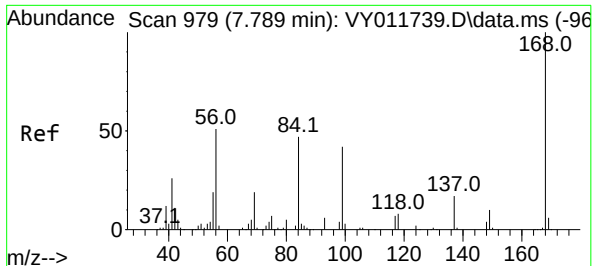
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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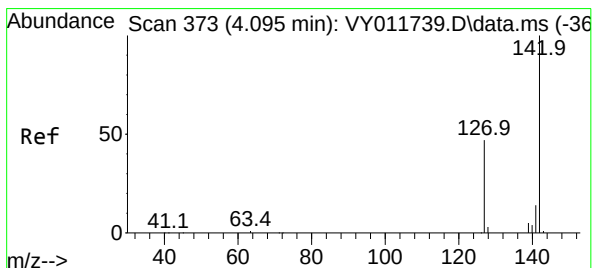
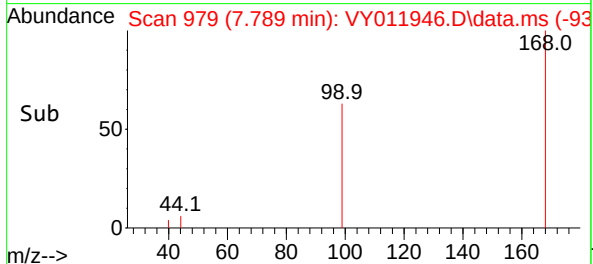
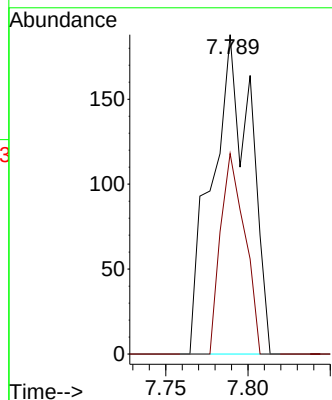
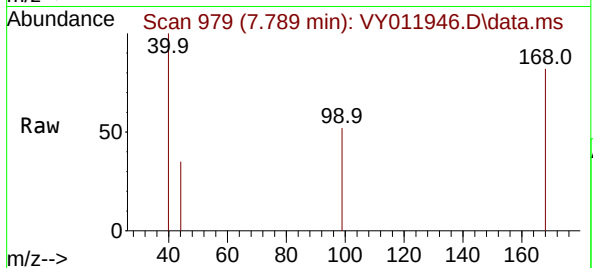




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011946.D
Acq: 21 Dec 2022 15:00

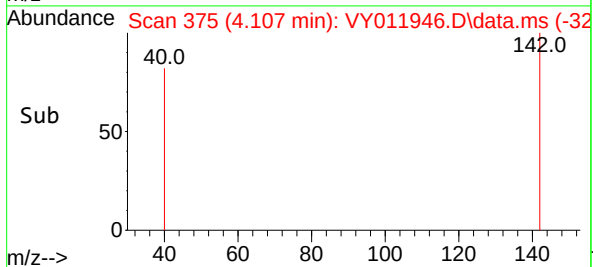
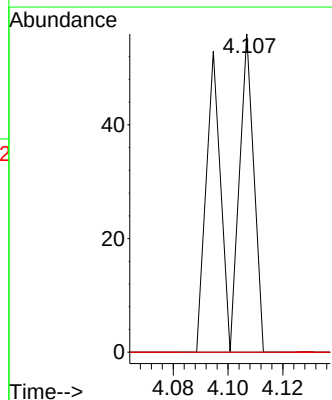
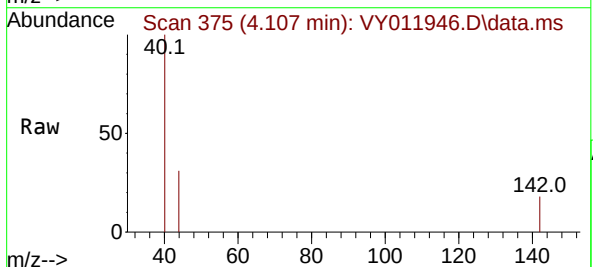
Instrument :
MSVOA_Y
ClientSampleId :
FVSUB-TP2-COMP-02

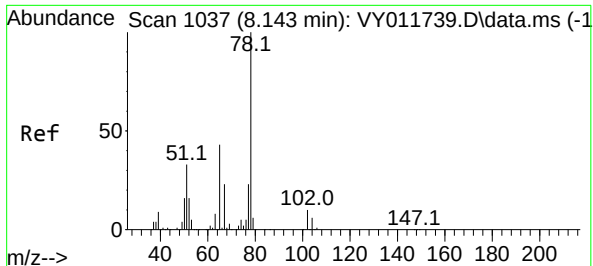
Tgt Ion:168 Resp: 307
Ion Ratio Lower Upper
168 100
99 62.8 44.0 66.0



#10
Methyl Iodide
Concen: 9.956 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY011946.D
Acq: 21 Dec 2022 15:00

Tgt Ion:142 Resp: 40
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 11.4 17.0#





#33

1,2-Dichloroethane-d4

Concen: 86.972 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011946.D

Acq: 21 Dec 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

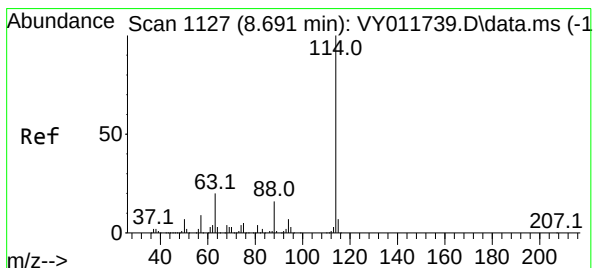
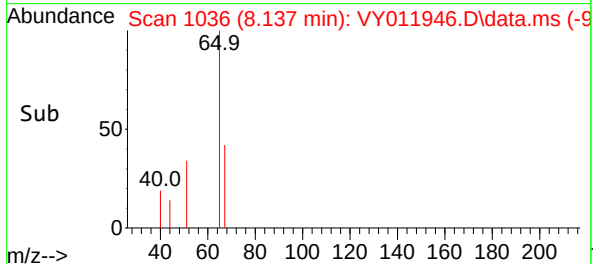
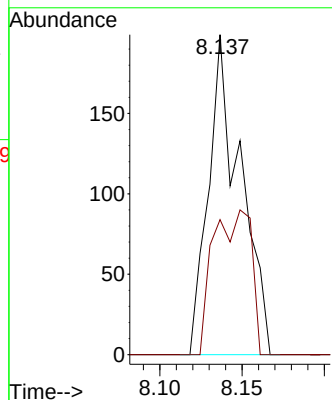
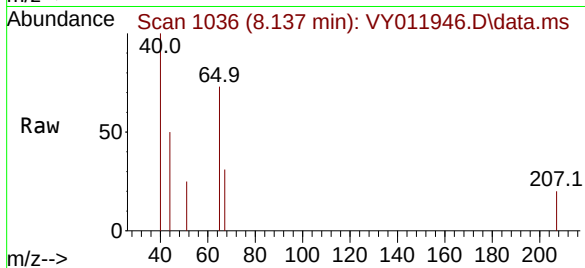
FVSUB-TP2-COMP-02

Tgt Ion: 65 Resp: 269

Ion Ratio Lower Upper

65 100

67 53.9 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011946.D

Acq: 21 Dec 2022 15:00

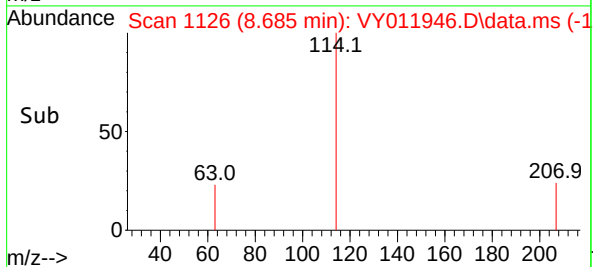
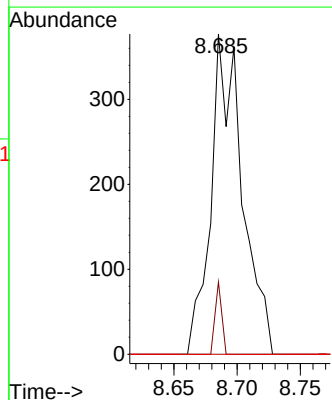
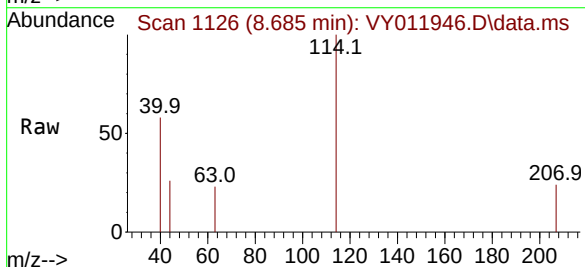
Tgt Ion: 114 Resp: 646

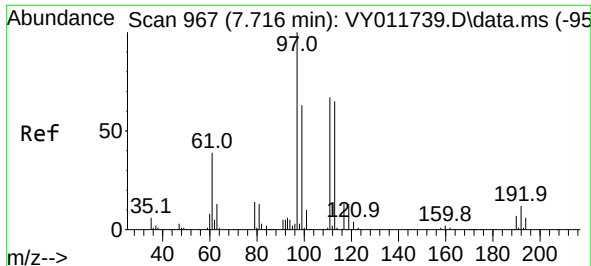
Ion Ratio Lower Upper

114 100

63 22.5 0.0 39.6

88 0.0 0.0 32.2

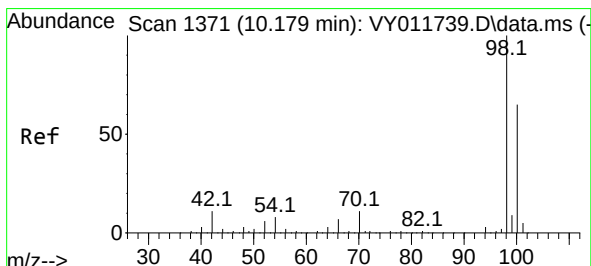
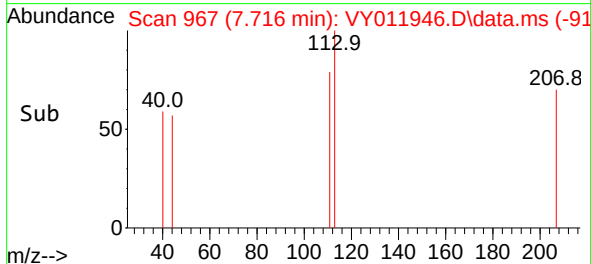
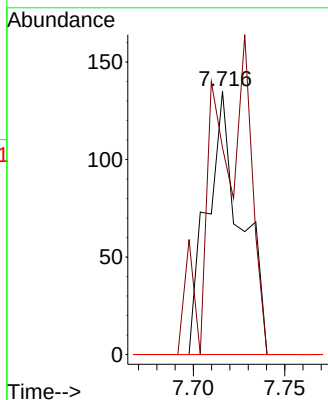
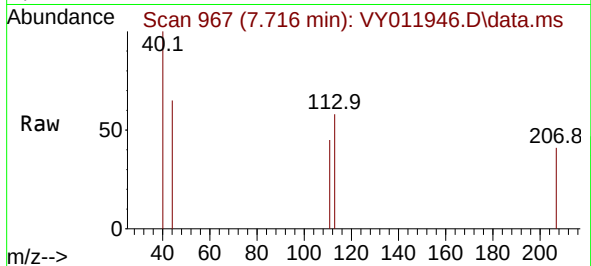




#35
Dibromofluoromethane
Concen: 44.997 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011946.D
Acq: 21 Dec 2022 15:00

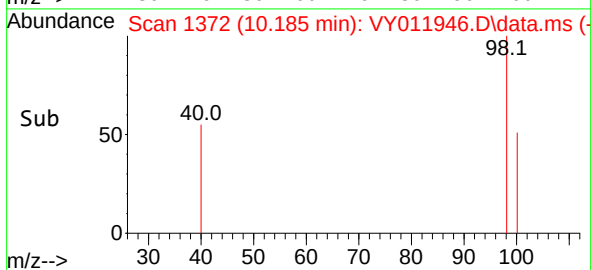
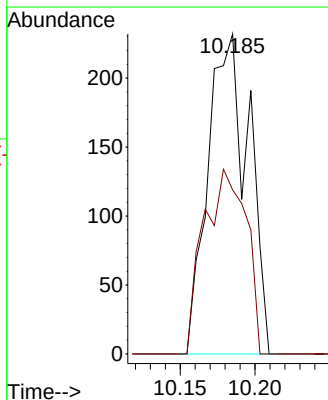
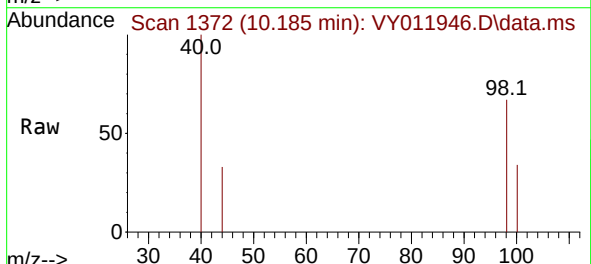
Instrument :
MSVOA_Y
ClientSampleId :
FVSUB-TP2-COMP-02

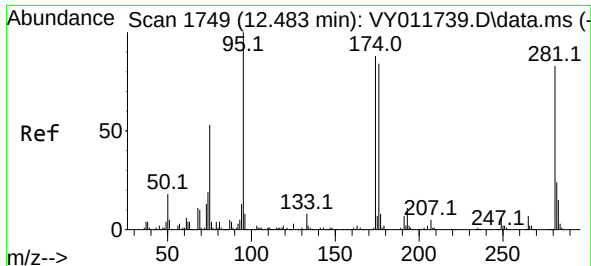
Tgt Ion:113 Resp: 175
Ion Ratio Lower Upper
113 100
111 127.4 83.0 124.4#
192 0.0 16.0 24.0#



#50
Toluene-d8
Concen: 27.695 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011946.D
Acq: 21 Dec 2022 15:00

Tgt Ion: 98 Resp: 437
Ion Ratio Lower Upper
98 100
100 60.6 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 7.726 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011946.D

Acq: 21 Dec 2022 15:00

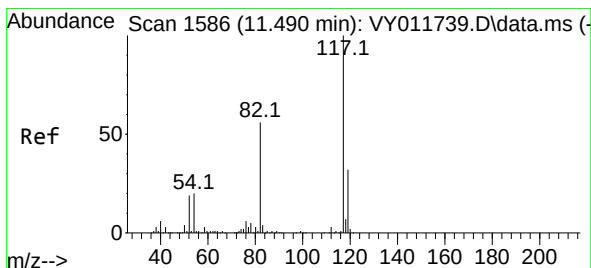
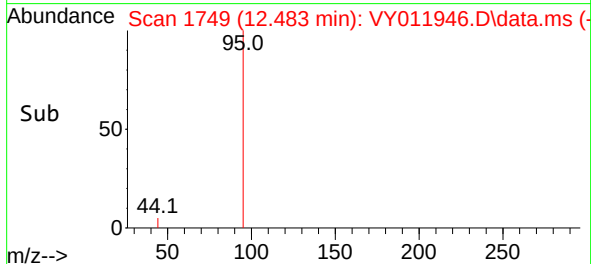
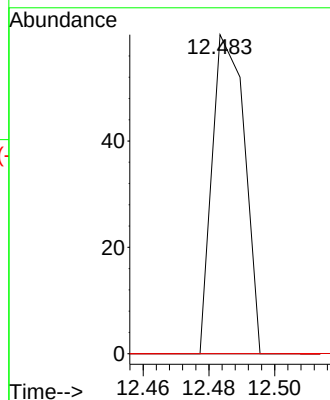
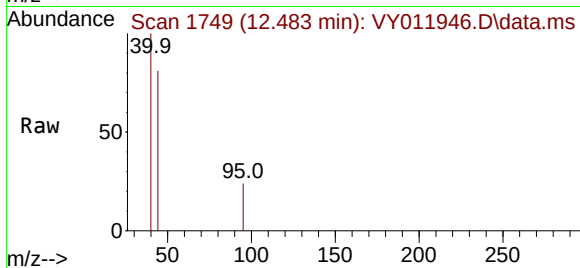
Instrument :

MSVOA_Y

ClientSampleId :

FVSUB-TP2-COMP-02

Tgt Ion:	95	Resp:	41
Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	172.0
176	0.0	0.0	167.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

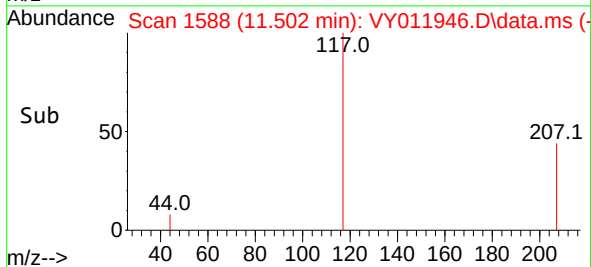
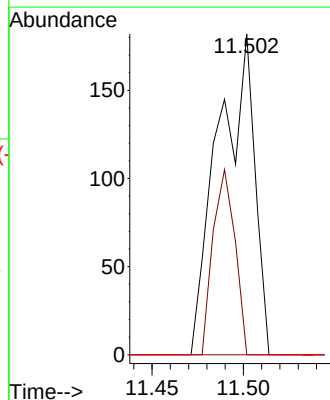
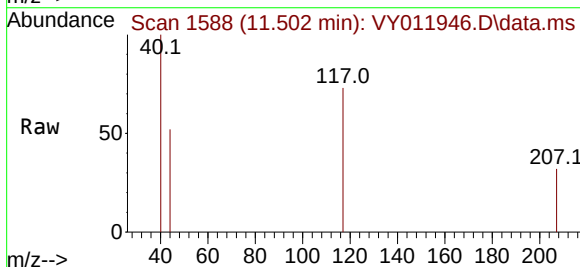
RT: 11.502 min Scan# 1588

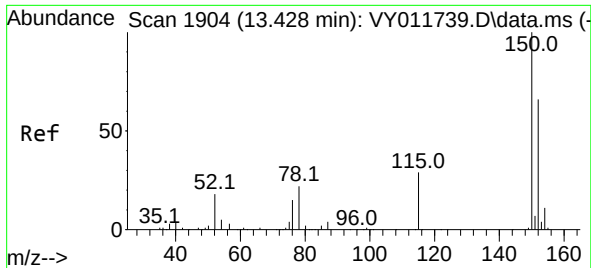
Delta R.T. 0.012 min

Lab File: VY011946.D

Acq: 21 Dec 2022 15:00

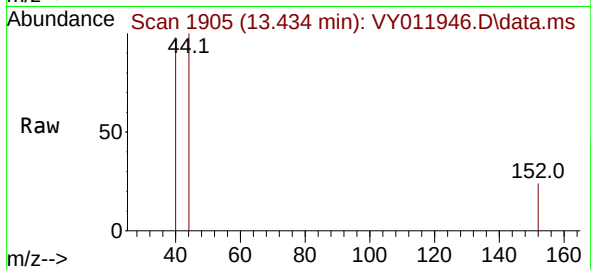
Tgt Ion:	117	Resp:	252
Ion	Ratio	Lower	Upper
117	100		
82	0.0	44.8	67.2#
119	0.0	25.4	38.2#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY011946.D
 Acq: 21 Dec 2022 15:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 FVSUB-TP2-COMP-02



Tgt Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.1	87.3#
150	320.0	0.0	342.6

