

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008637.D
 Acq On : 05 May 2022 02:04
 Operator : KP/MD
 Sample : N2619-23
 Misc : 3.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS11-13-FT

Quant Time: May 05 04:43:08 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)

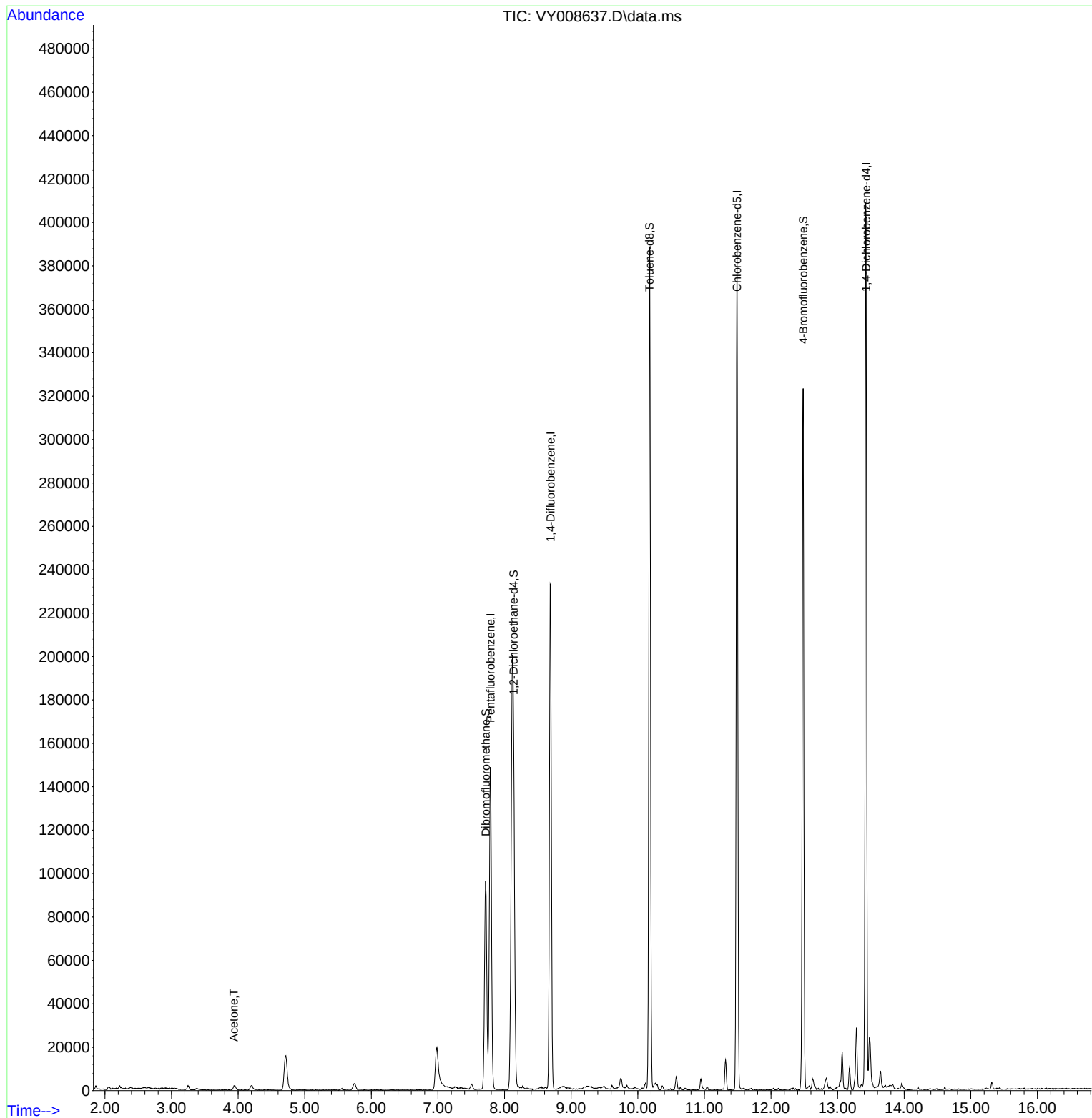
Internal Standards						
1) Pentafluorobenzene	7.789	168	127348	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	221985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	229128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	63065	50.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.900%
35) Dibromofluoromethane	7.716	113	69528	47.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.660%
50) Toluene-d8	10.179	98	265844	51.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.483	95	95166	49.894	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.780%
Target Compounds						
16) Acetone	3.936	43	3710	13.912	ug/l	# 87

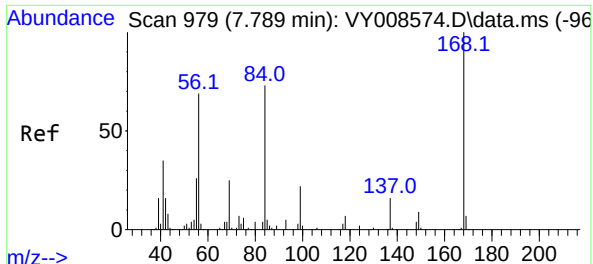
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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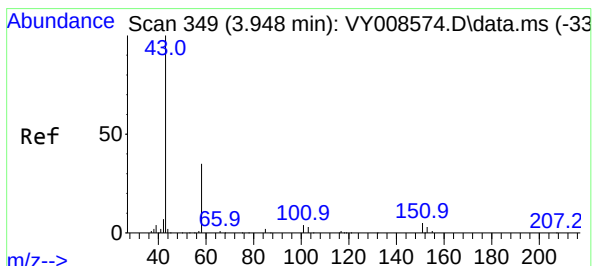
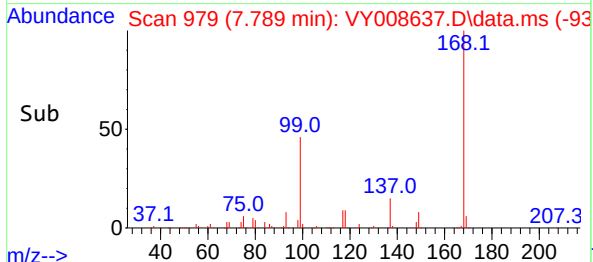
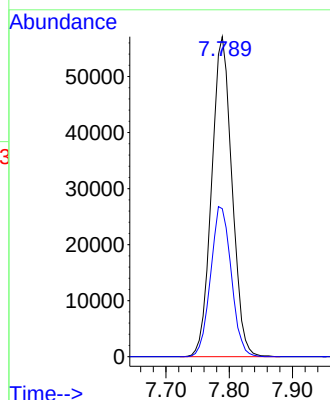
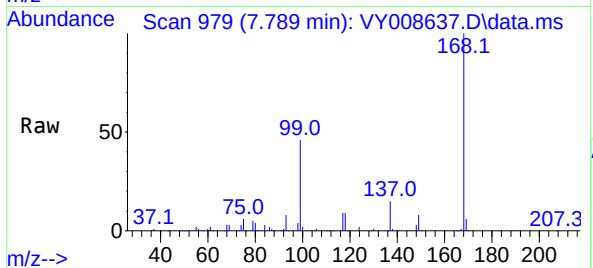




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

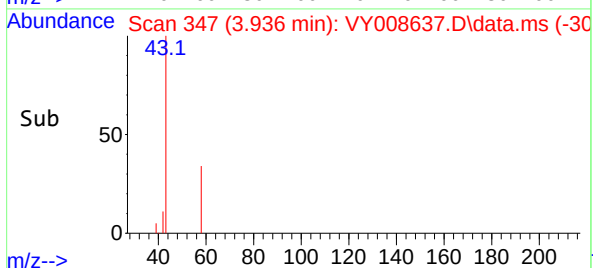
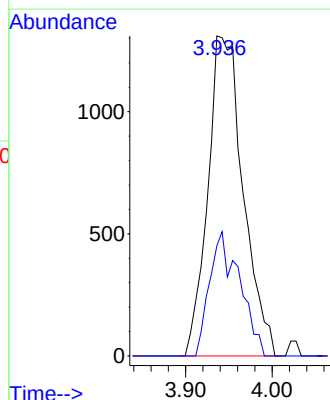
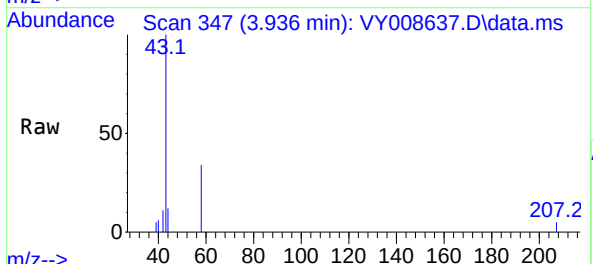
Instrument :
MSVOA_Y
ClientSampleId :
SS11-13-FT

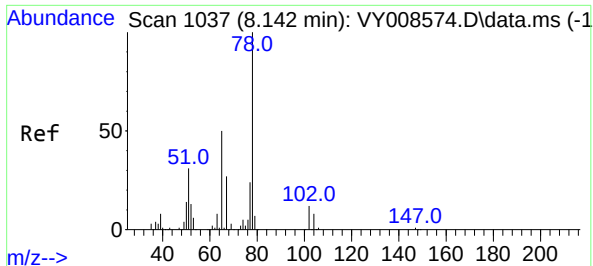
Tgt Ion:168 Resp: 127348
Ion Ratio Lower Upper
168 100
99 46.3 46.9 70.3#



#16
Acetone
Concen: 13.912 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

Tgt Ion: 43 Resp: 3710
Ion Ratio Lower Upper
43 100
58 34.4 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 50.952 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008637.D

Acq: 05 May 2022 02:04

Instrument :

MSVOA_Y

ClientSampleId :

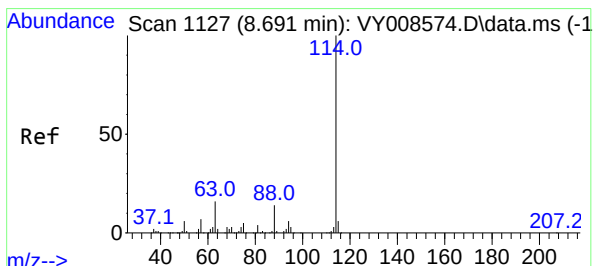
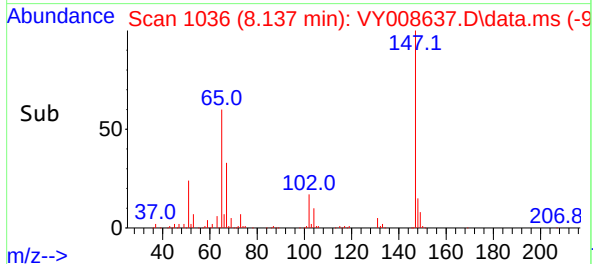
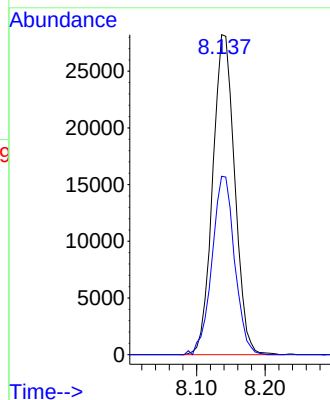
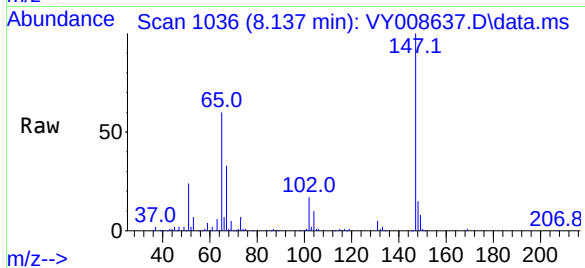
SS11-13-FT

Tgt Ion: 65 Resp: 63065

Ion Ratio Lower Upper

65 100

67 57.2 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: VY008637.D

Acq: 05 May 2022 02:04

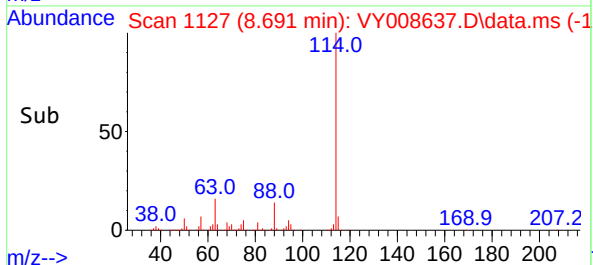
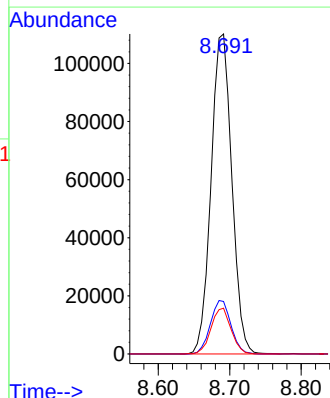
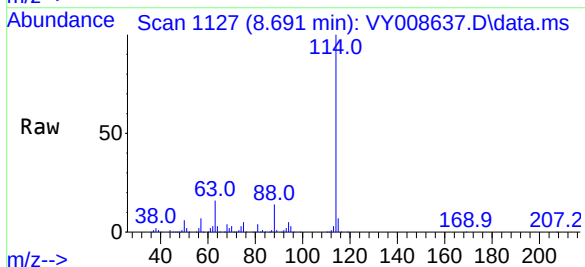
Tgt Ion: 114 Resp: 221985

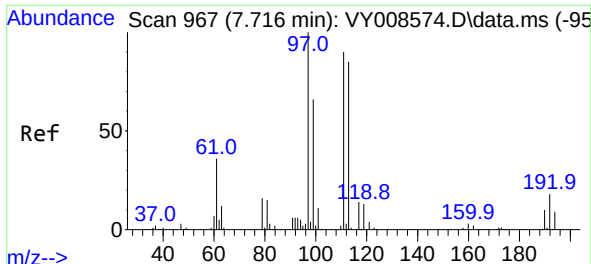
Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 14.3 0.0 31.8

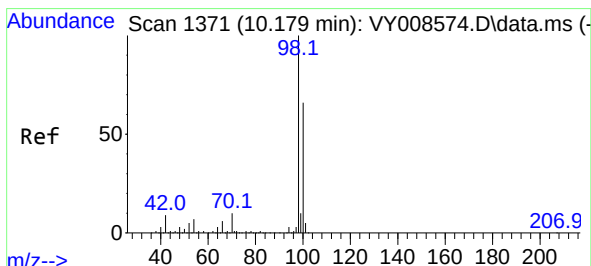
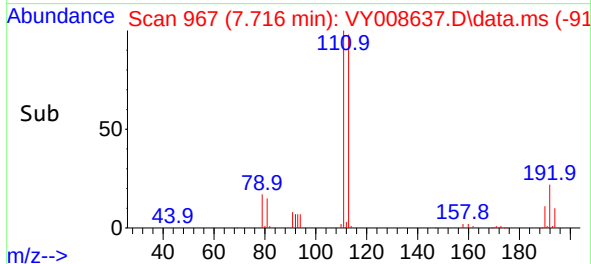
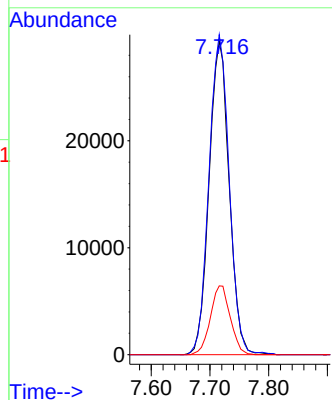
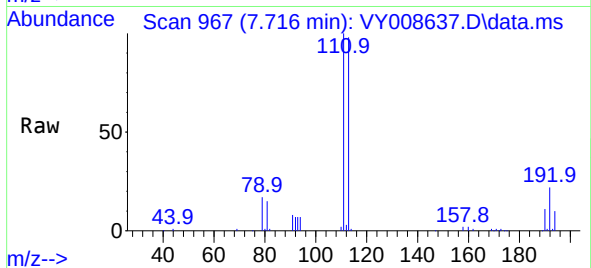




#35
Dibromofluoromethane
Concen: 47.334 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

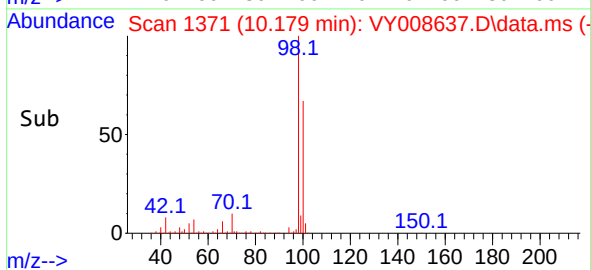
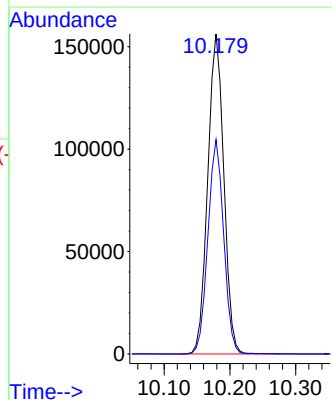
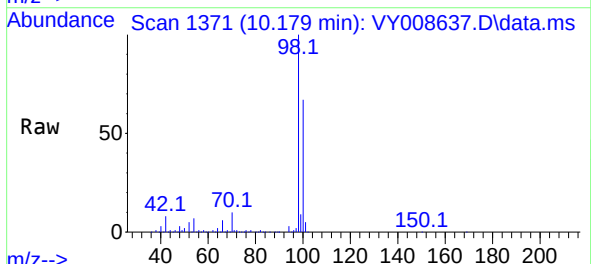
Instrument :
MSVOA_Y
ClientSampleId :
SS11-13-FT

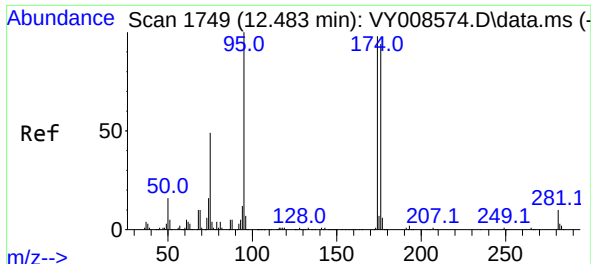
Tgt Ion:113 Resp: 69528
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 21.7 17.6 26.4



#50
Toluene-d8
Concen: 51.085 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

Tgt Ion: 98 Resp: 265844
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

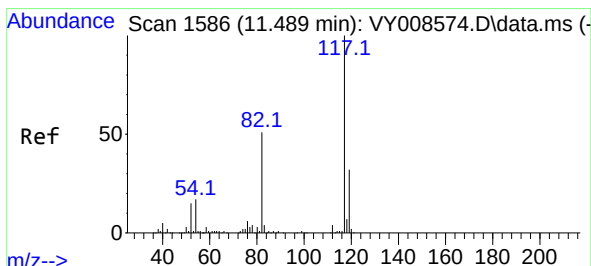
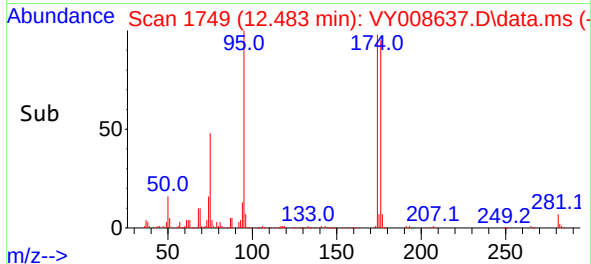
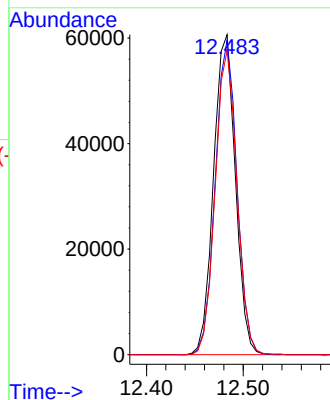
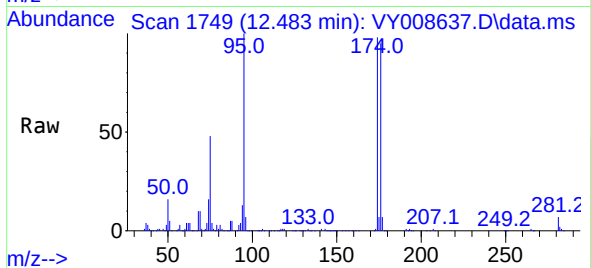




#62
4-Bromofluorobenzene
Concen: 49.894 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

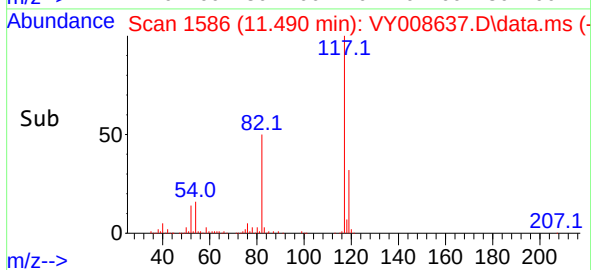
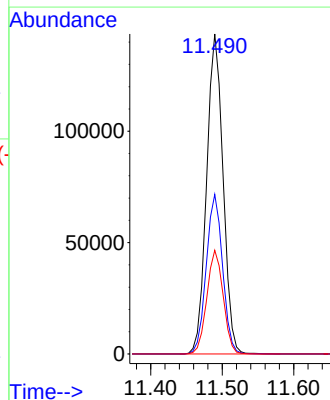
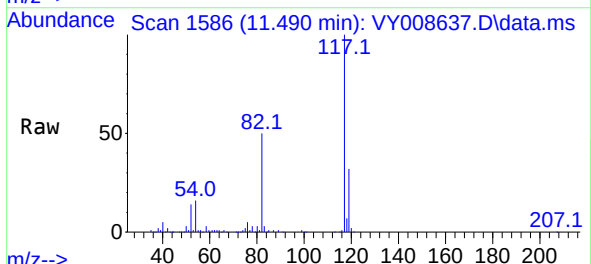
Instrument :
MSVOA_Y
ClientSampleId :
SS11-13-FT

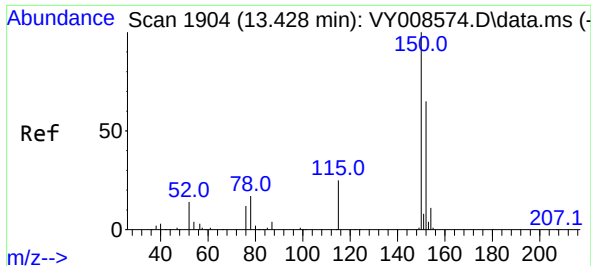
Tgt Ion:	95	Resp:	95166
Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	177.0
176	94.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

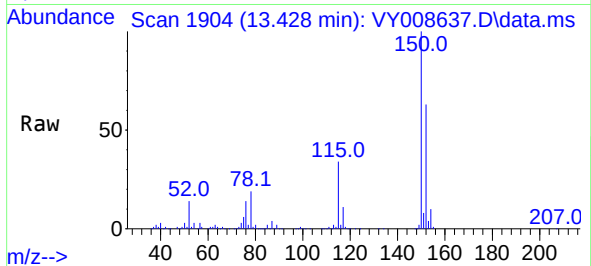
Tgt Ion:	117	Resp:	229128
Ion	Ratio	Lower	Upper
117	100		
82	49.8	43.0	64.4
119	32.4	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008637.D
 Acq: 05 May 2022 02:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS11-13-FT



Tgt Ion:152 Resp: 113863
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.2 84.7
 150 157.8 0.0 347.6

