

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008213.D
 Acq On : 05 Apr 2022 16:37
 Operator : SY/MD
 Sample : N2237-10RE
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-0401RE

Quant Time: Apr 06 03:58:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

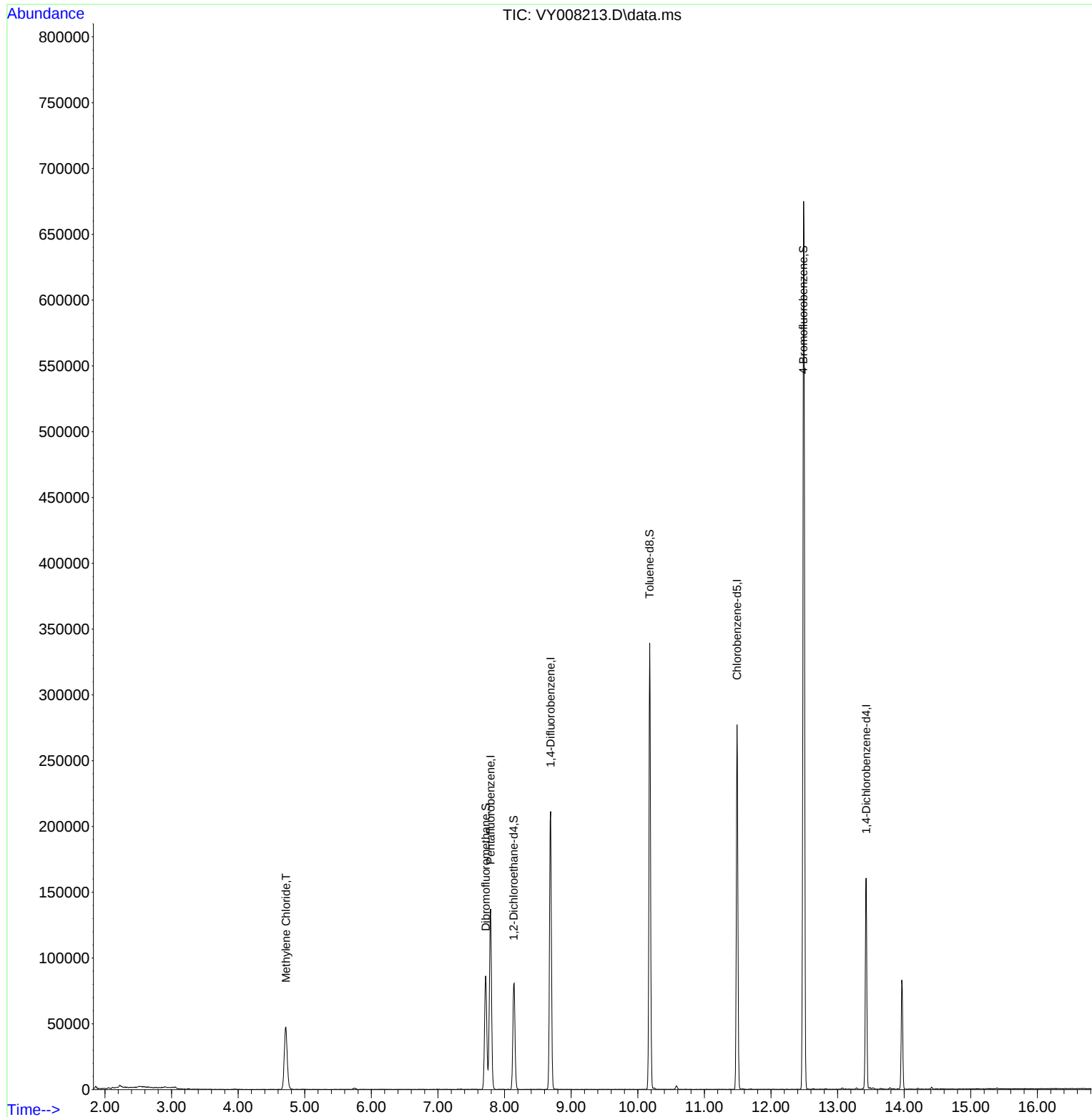
Internal Standards						
1) Pentafluorobenzene	7.789	168	107577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	62037	57.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.960%
35) Dibromofluoromethane	7.716	113	61585	50.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.860%
50) Toluene-d8	10.179	98	223927	49.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.483	95	57158	35.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.120%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	38317	28.506	ug/l #	82

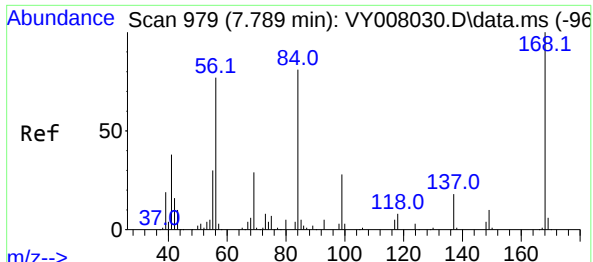
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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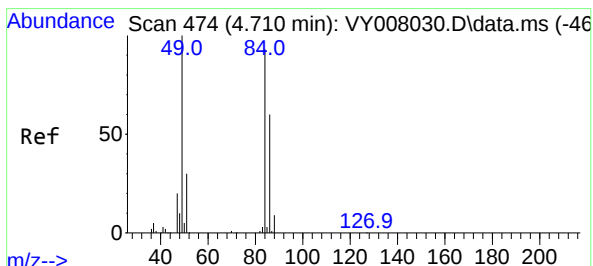
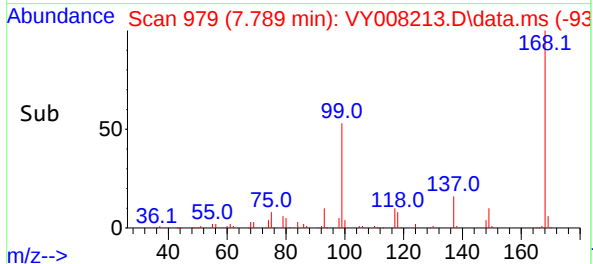
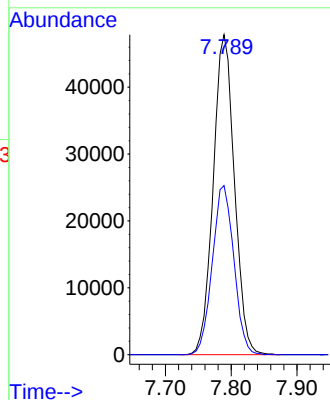
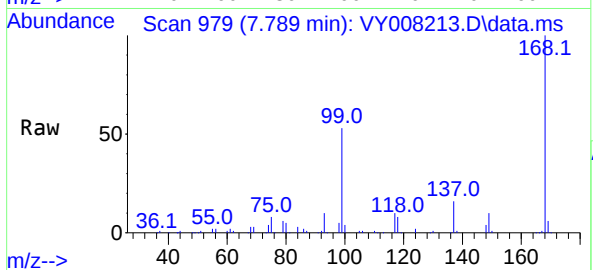




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008213.D
Acq: 05 Apr 2022 16:37

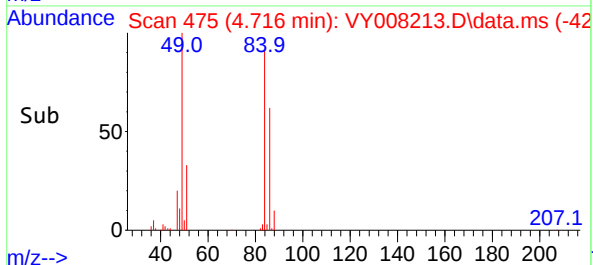
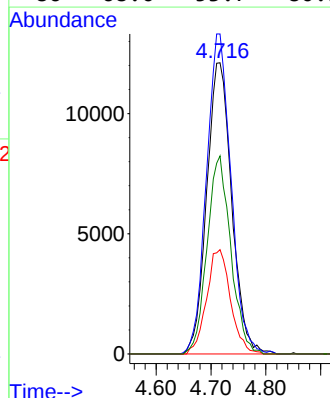
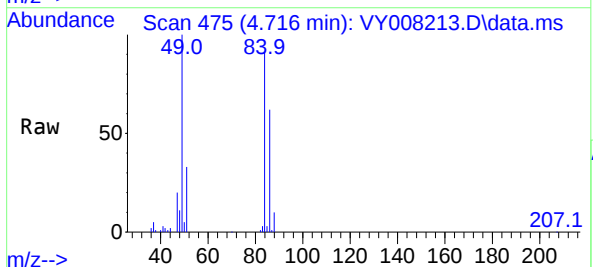
Instrument :
MSVOA_Y
ClientSampleId :
DUP-0401RE

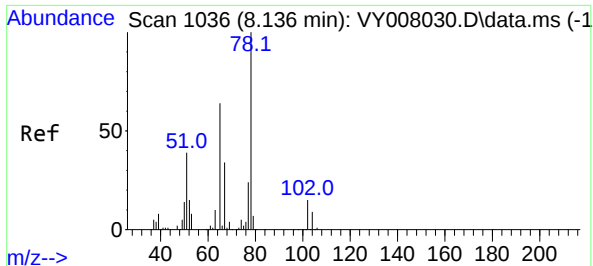
Tgt Ion:168 Resp: 107577
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#20
Methylene Chloride
Concen: 28.506 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008213.D
Acq: 05 Apr 2022 16:37

Tgt Ion: 84 Resp: 38317
Ion Ratio Lower Upper
84 100
49 109.9 114.4 171.6#
51 35.8 35.3 52.9
86 68.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 57.478 ug/l

RT: 8.137 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY008213.D

Acq: 05 Apr 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

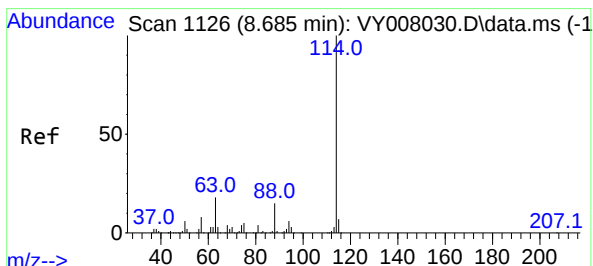
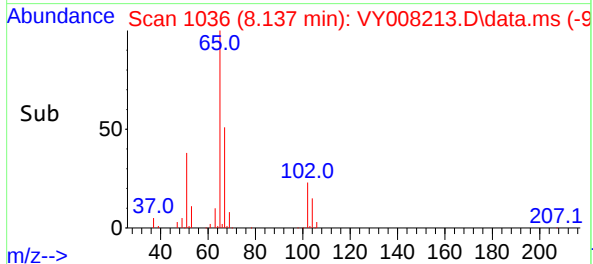
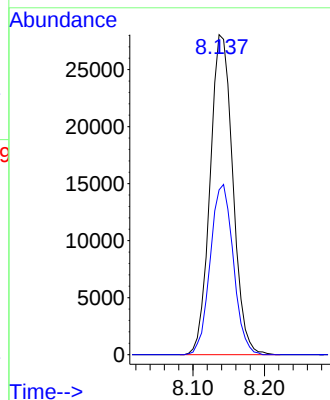
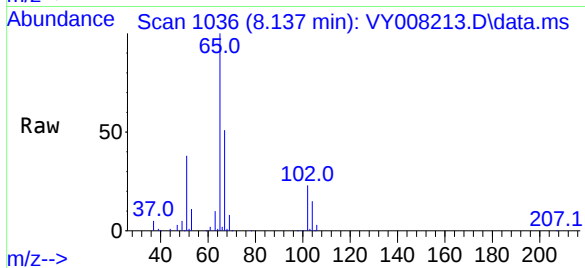
DUP-0401RE

Tgt Ion: 65 Resp: 62037

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008213.D

Acq: 05 Apr 2022 16:37

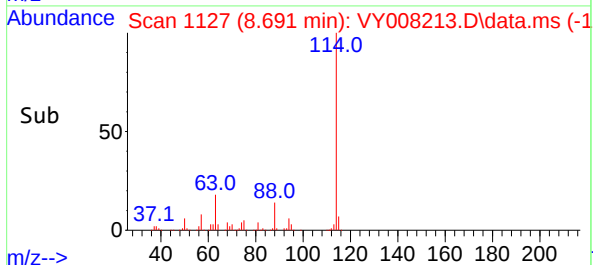
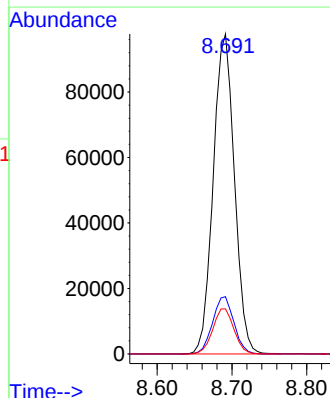
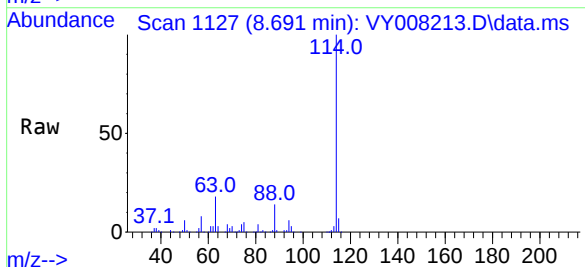
Tgt Ion: 114 Resp: 192873

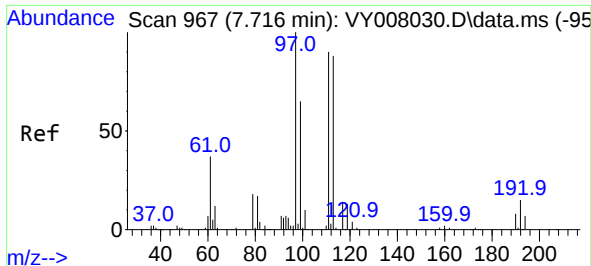
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.1 0.0 31.8

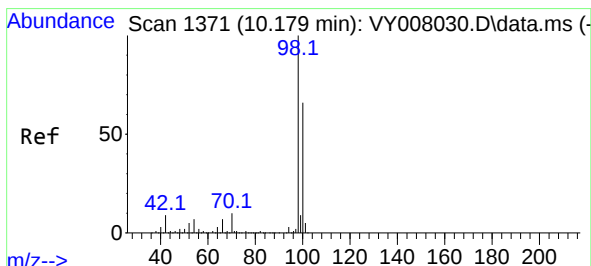
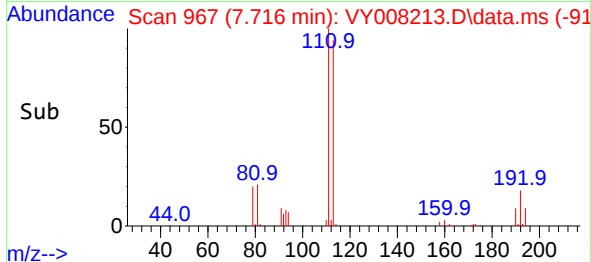
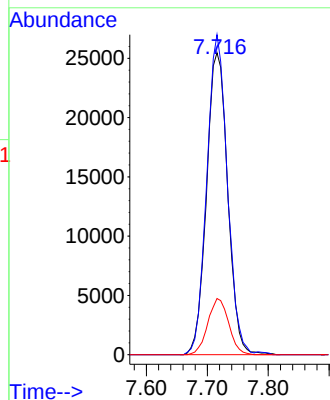
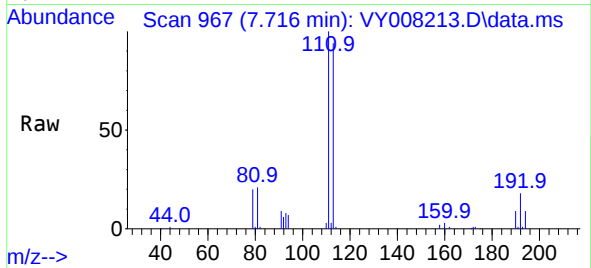




#35
Dibromofluoromethane
Concen: 50.928 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008213.D
Acq: 05 Apr 2022 16:37

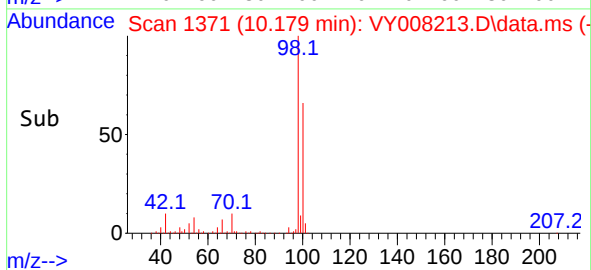
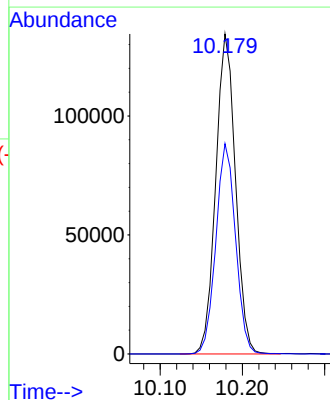
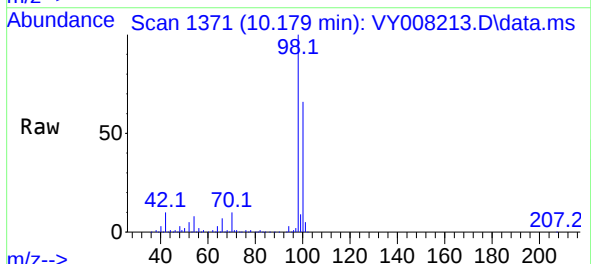
Instrument :
MSVOA_Y
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DUP-0401RE

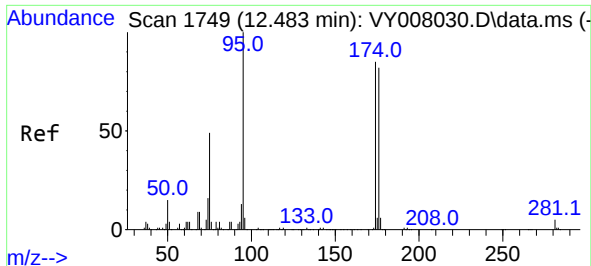
Tgt Ion:113 Resp: 61585
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.3 17.6 26.4



#50
Toluene-d8
Concen: 49.151 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008213.D
Acq: 05 Apr 2022 16:37

Tgt Ion: 98 Resp: 223927
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

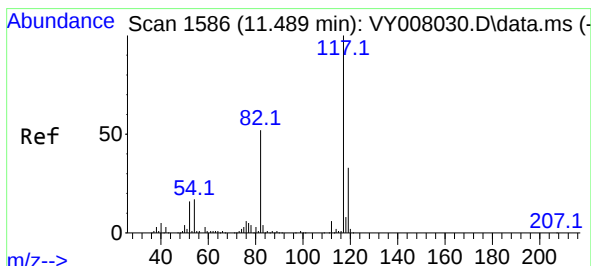
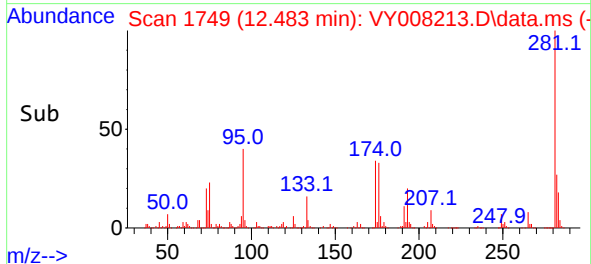
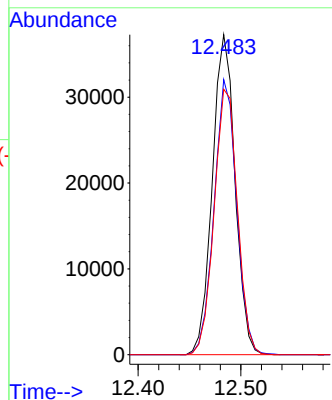
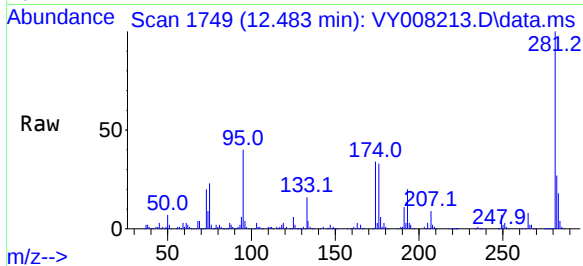




#62
4-Bromofluorobenzene
Concen: 35.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008213.D
Acq: 05 Apr 2022 16:37

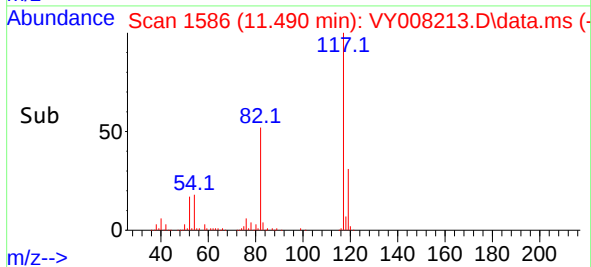
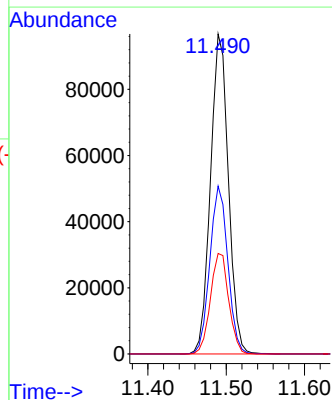
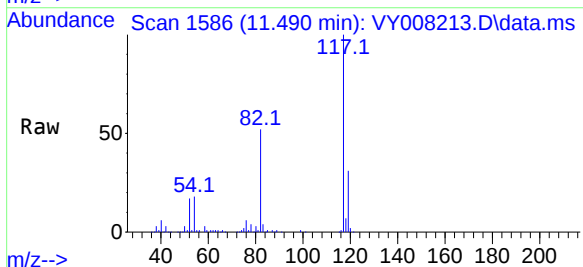
Instrument :
MSVOA_Y
ClientSampleId :
DUP-0401RE

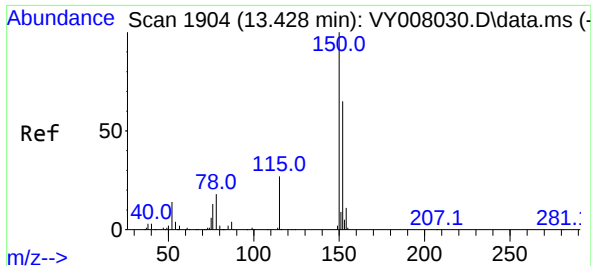
Tgt Ion:	95	Resp:	57158
Ion Ratio	100	Lower	Upper
174	85.4	0.0	177.0
176	85.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008213.D
Acq: 05 Apr 2022 16:37

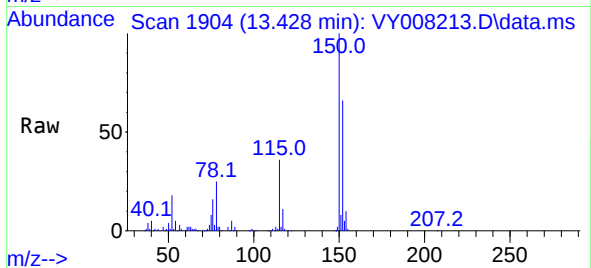
Tgt Ion:	117	Resp:	153264
Ion Ratio	100	Lower	Upper
82	52.5	43.0	64.4
119	31.4	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008213.D
 Acq: 05 Apr 2022 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-0401RE



Tgt Ion:152 Resp: 41743
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 155.6 0.0 347.6

