

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010875.D
 Acq On : 07 Oct 2022 16:27
 Operator : KP/MD
 Sample : N5046-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-3

Quant Time: Oct 08 04:47:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

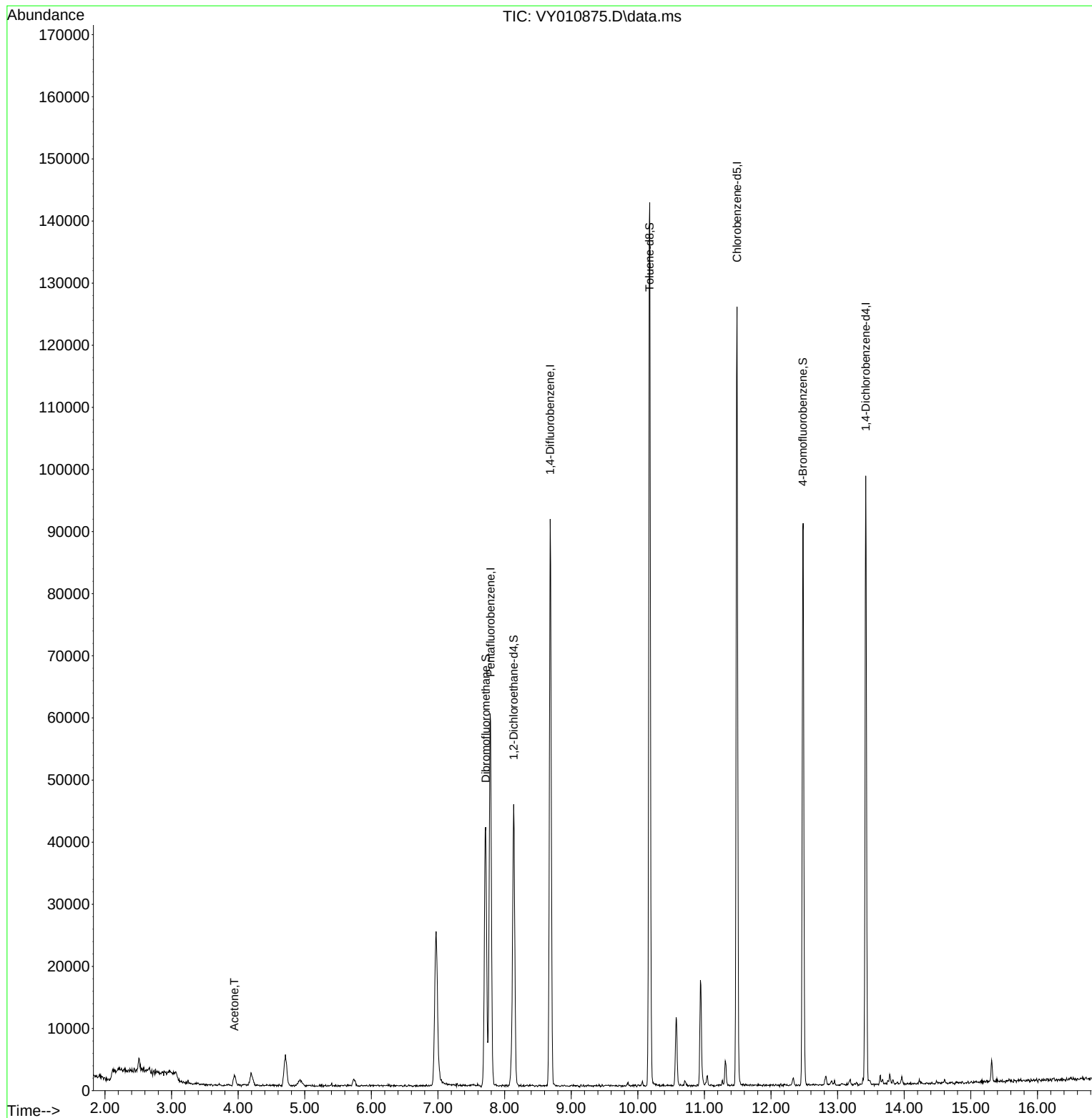
Internal Standards						
1) Pentafluorobenzene	7.789	168	46243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	77334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	69320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	32366	69.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.100%	
35) Dibromofluoromethane	7.716	113	30373	59.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.340%	
50) Toluene-d8	10.179	98	95426	54.355	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.720%	
62) 4-Bromofluorobenzene	12.477	95	26523	37.770	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.540%	
Target Compounds						Qvalue
16) Acetone	3.942	43	2848	23.924	ug/l	# 83

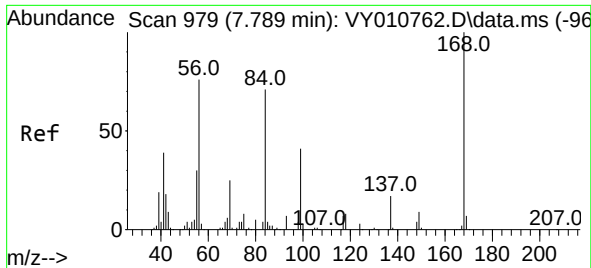
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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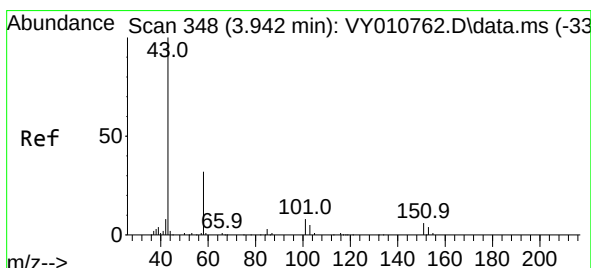
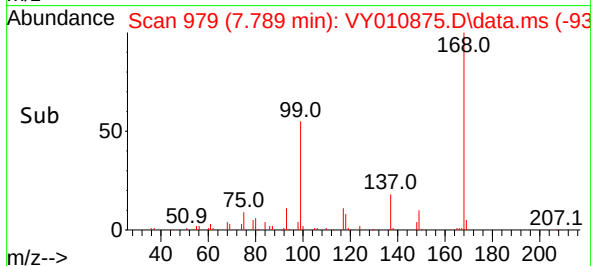
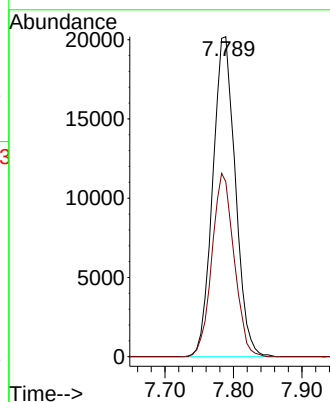
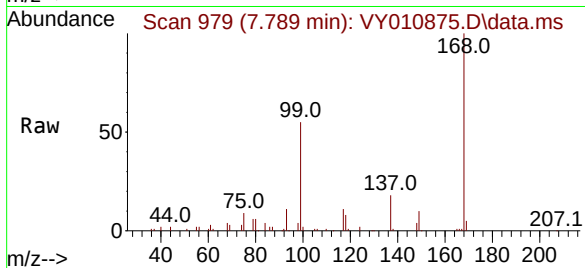




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

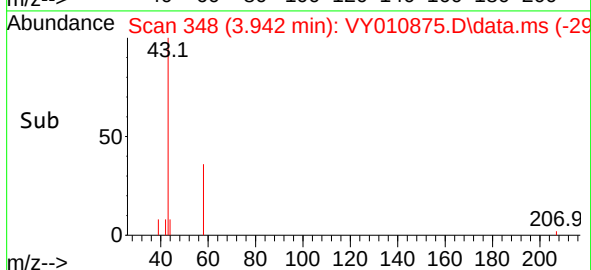
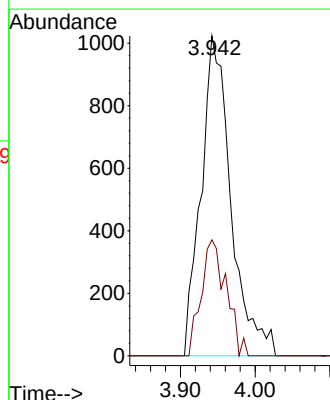
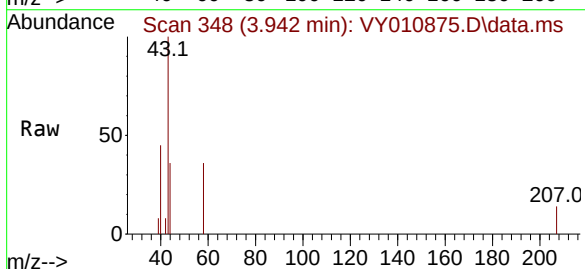
Instrument :
MSVOA_Y
ClientSampleId :
R-3

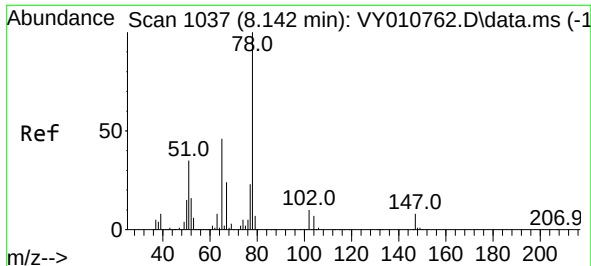
Tgt Ion:168 Resp: 46243
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 23.924 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Tgt Ion: 43 Resp: 2848
Ion Ratio Lower Upper
43 100
58 36.3 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 69.050 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010875.D

Acq: 07 Oct 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

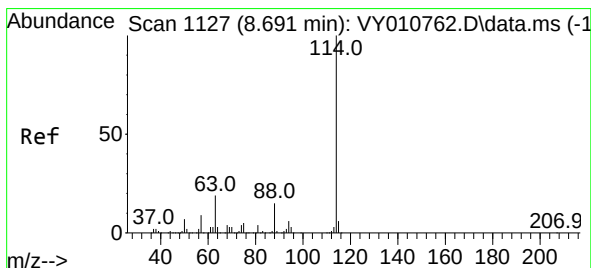
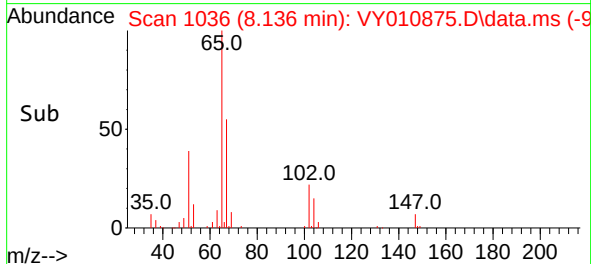
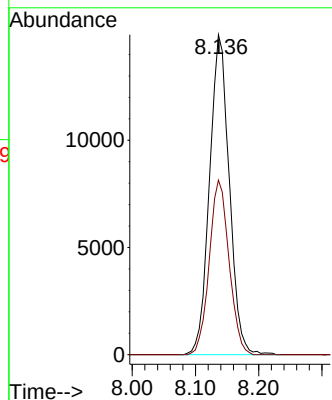
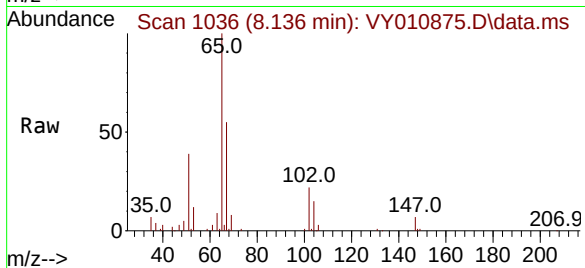
R-3

Tgt Ion: 65 Resp: 32366

Ion Ratio Lower Upper

65 100

67 54.6 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: VY010875.D

Acq: 07 Oct 2022 16:27

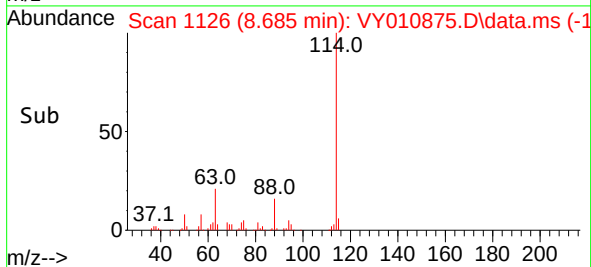
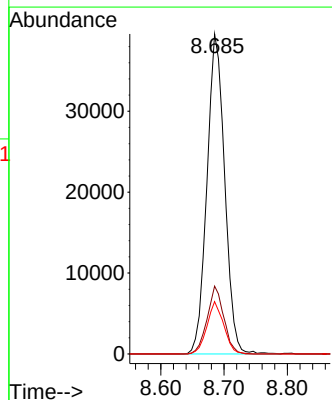
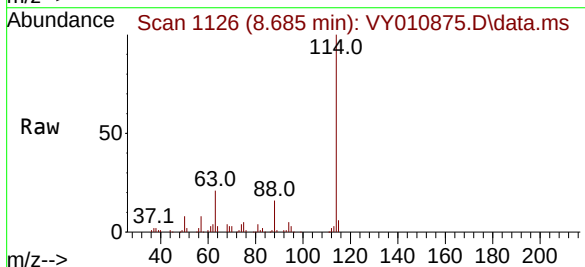
Tgt Ion: 114 Resp: 77334

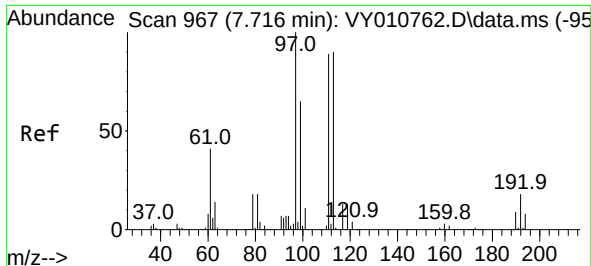
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 16.4 0.0 31.8

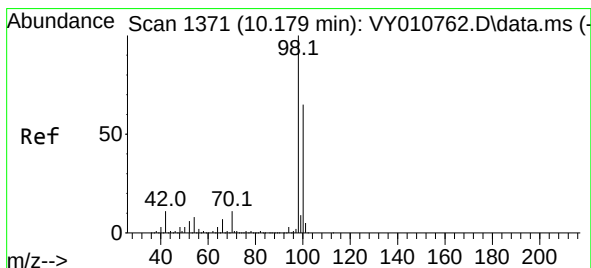
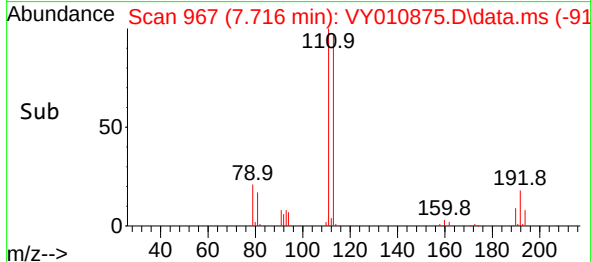
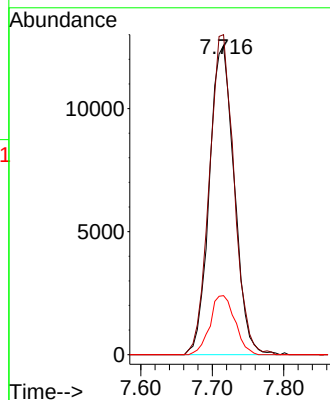
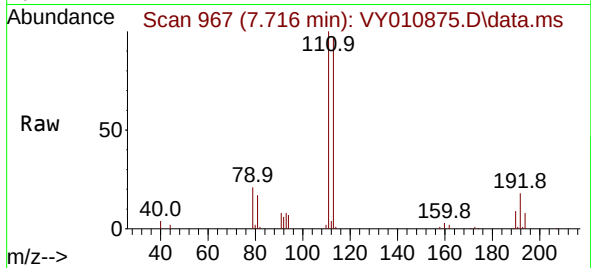




#35
Dibromofluoromethane
Concen: 59.166 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

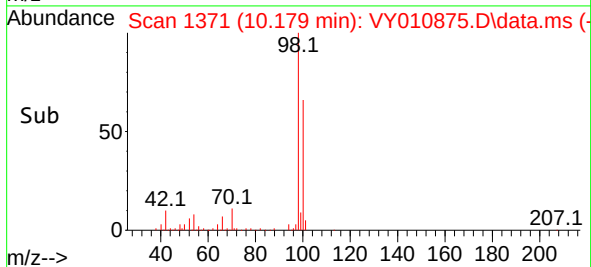
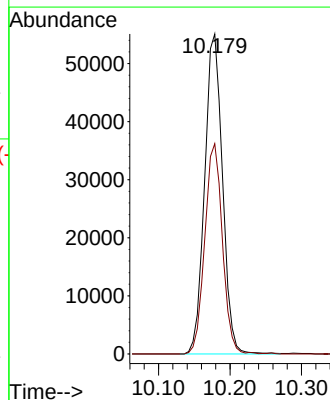
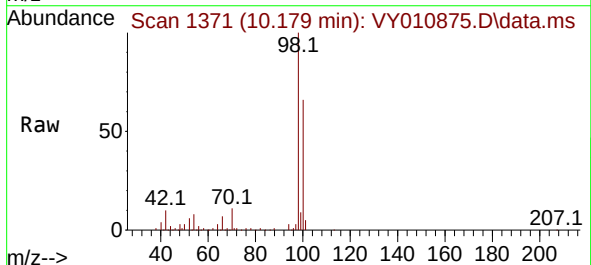
Instrument :
MSVOA_Y
ClientSampleId :
R-3

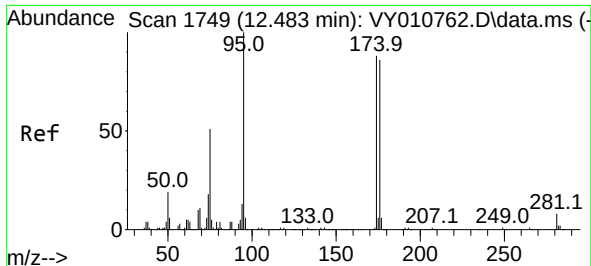
Tgt Ion:113 Resp: 30373
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 54.355 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Tgt Ion: 98 Resp: 95426
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

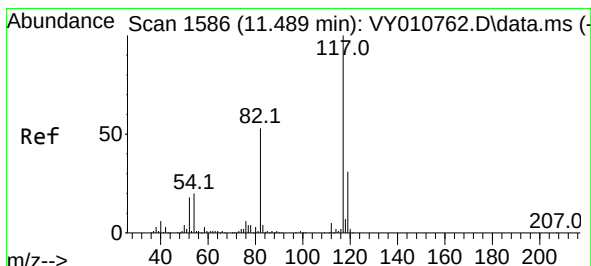
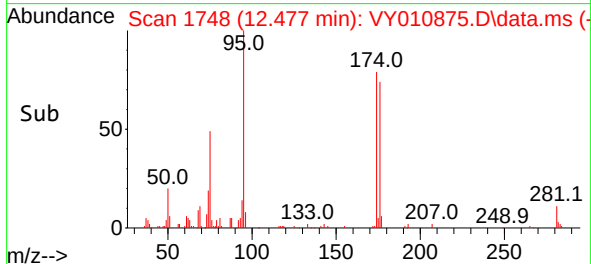
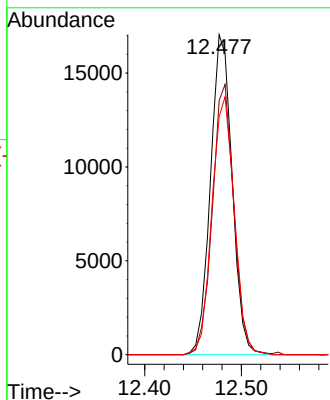
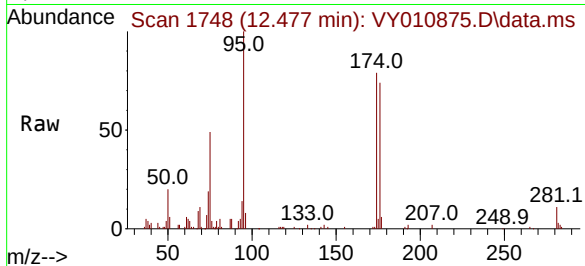




#62
4-Bromofluorobenzene
Concen: 37.770 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

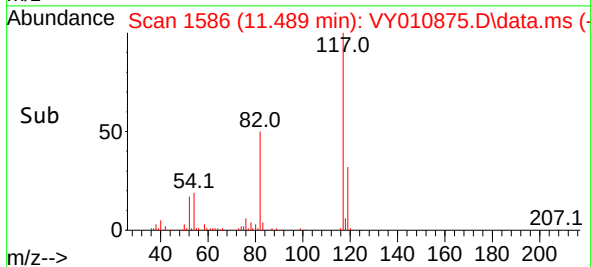
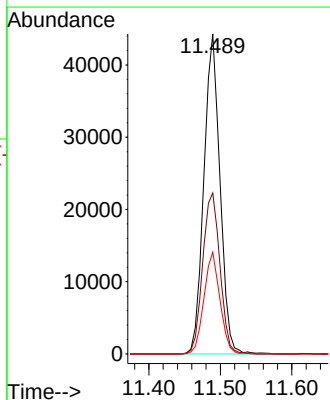
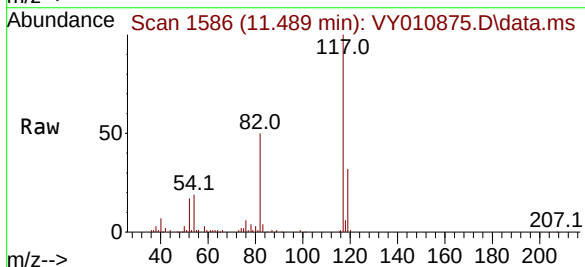
Instrument :
MSVOA_Y
ClientSampleId :
R-3

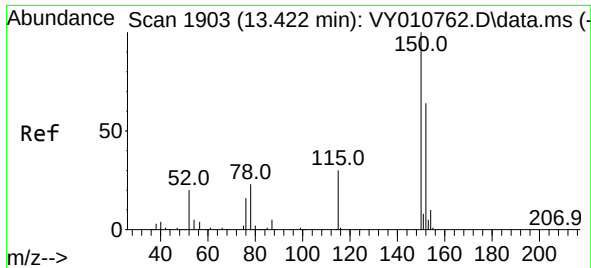
Tgt Ion: 95 Resp: 26523
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 83.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010875.D
Acq: 07 Oct 2022 16:27

Tgt Ion: 117 Resp: 69320
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 31.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010875.D

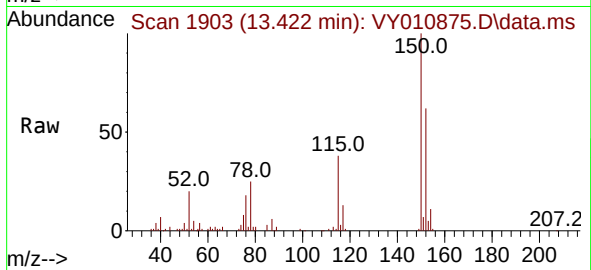
Acq: 07 Oct 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

R-3



Tgt Ion:152 Resp: 25691

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 155.5 0.0 347.6

