

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007954.D
 Acq On : 21 Mar 2022 15:02
 Operator : SY/MD
 Sample : N1983-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124019

Quant Time: Mar 21 16:05:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

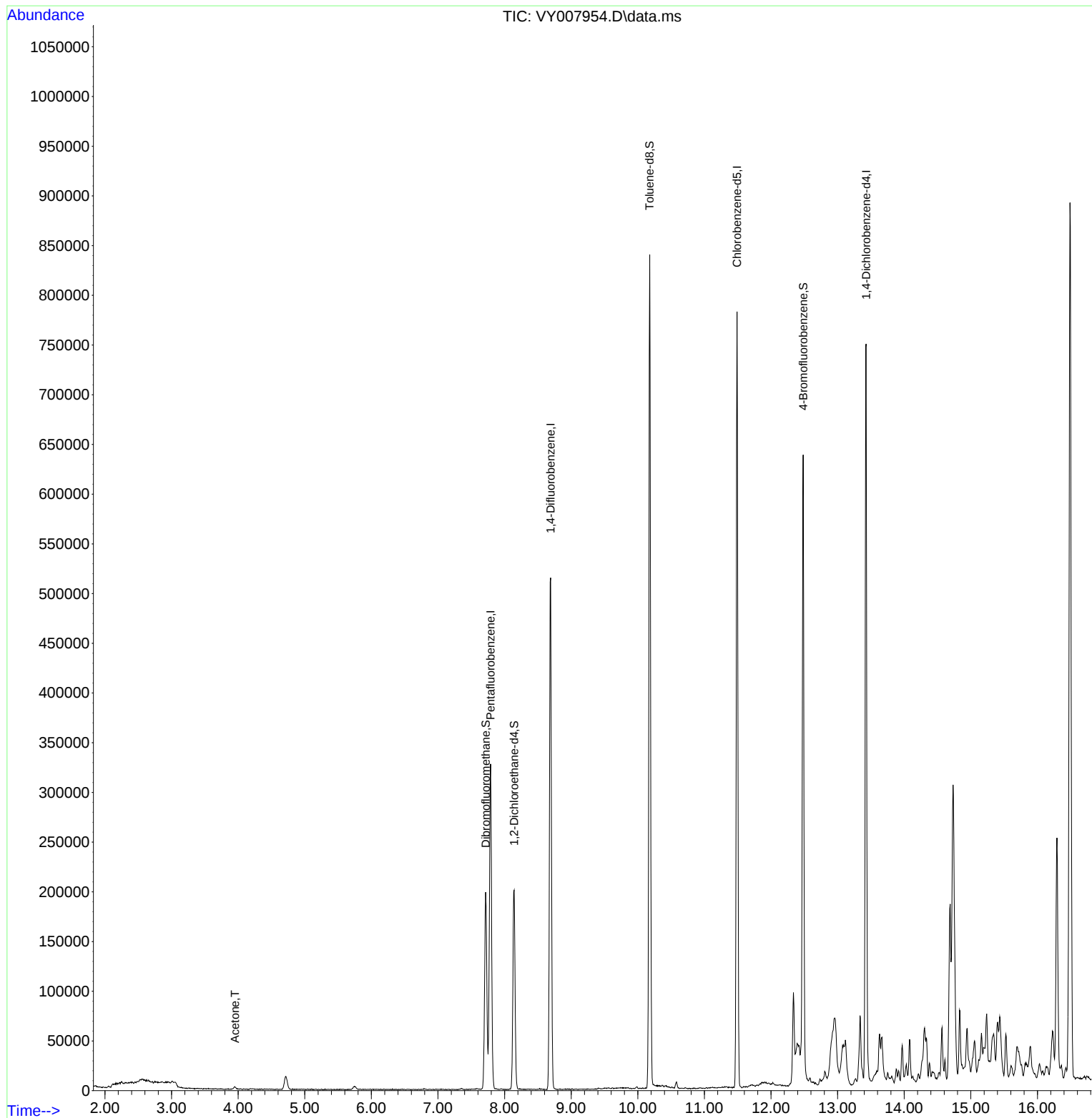
Internal Standards						
1) Pentafluorobenzene	7.789	168	243020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	450496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	411980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	155034	55.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.900%
35) Dibromofluoromethane	7.716	113	140143	44.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.600%
50) Toluene-d8	10.179	98	550002	58.581	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.160%
62) 4-Bromofluorobenzene	12.483	95	194701	42.880	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.760%
Target Compounds						
16) Acetone	3.954	43	3650	4.965	ug/l	99

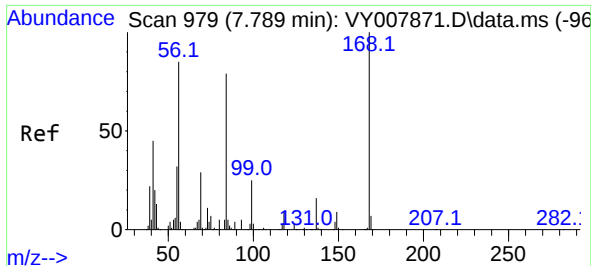
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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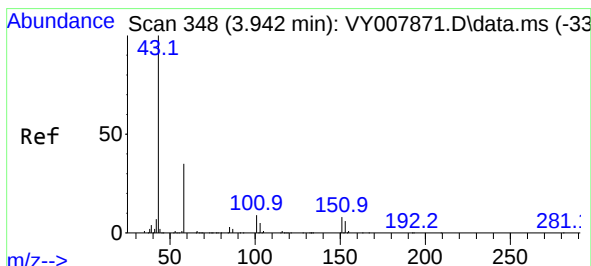
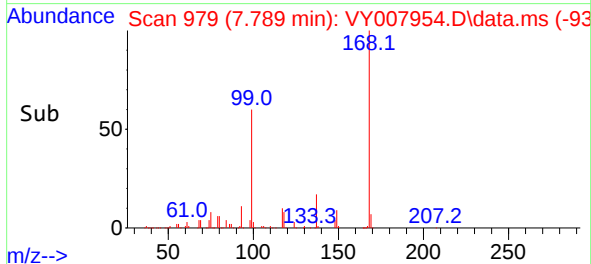
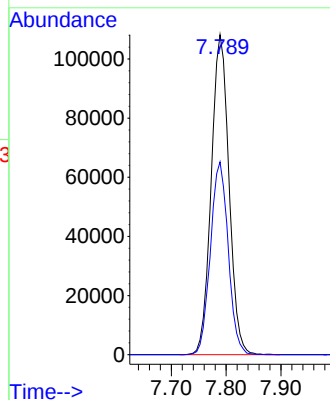
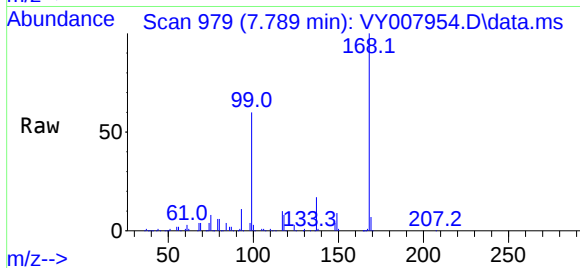




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007954.D
Acq: 21 Mar 2022 15:02

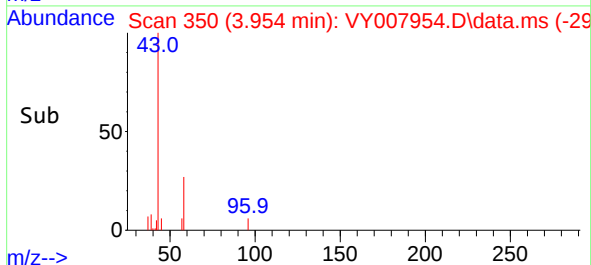
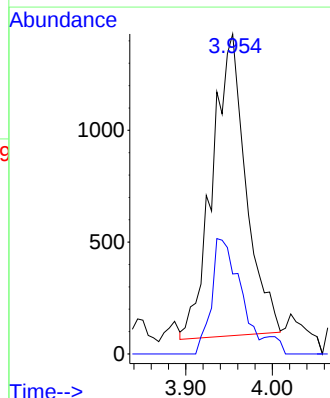
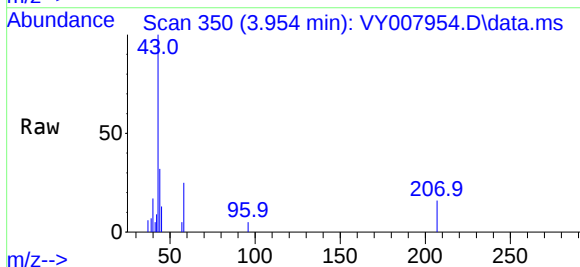
Instrument :
MSVOA_Y
ClientSampleId :
124019

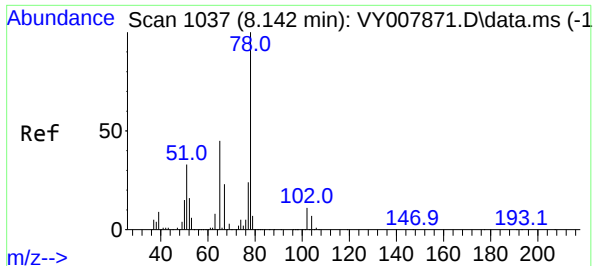
Tgt Ion:168 Resp: 243020
Ion Ratio Lower Upper
168 100
99 60.3 46.9 70.3



#16
Acetone
Concen: 4.965 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY007954.D
Acq: 21 Mar 2022 15:02

Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
58 26.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 55.951 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007954.D

Acq: 21 Mar 2022 15:02

Instrument :

MSVOA_Y

ClientSampleId :

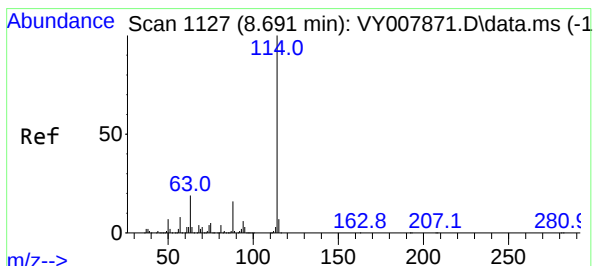
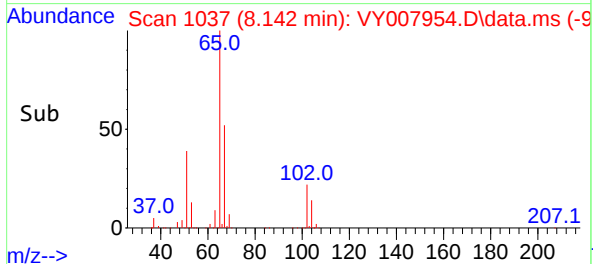
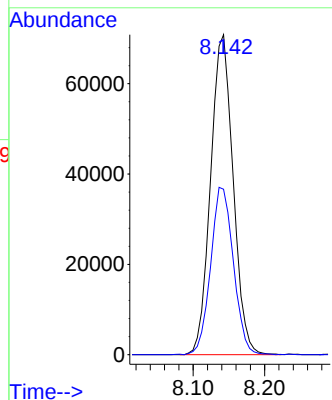
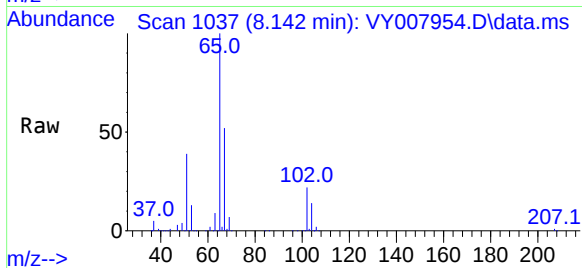
124019

Tgt Ion: 65 Resp: 155034

Ion Ratio Lower Upper

65 100

67 52.9 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: VY007954.D

Acq: 21 Mar 2022 15:02

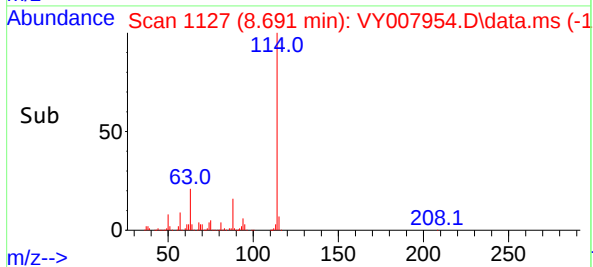
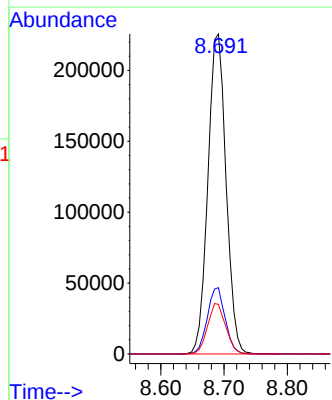
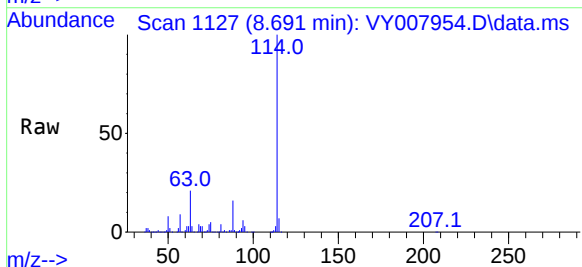
Tgt Ion:114 Resp: 450496

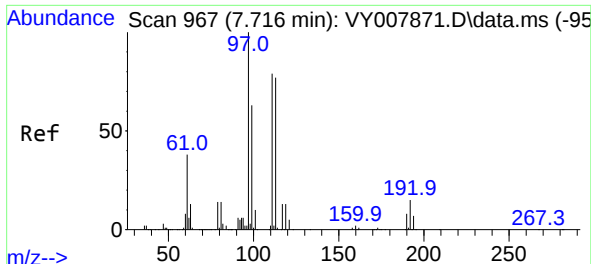
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.5 0.0 31.8

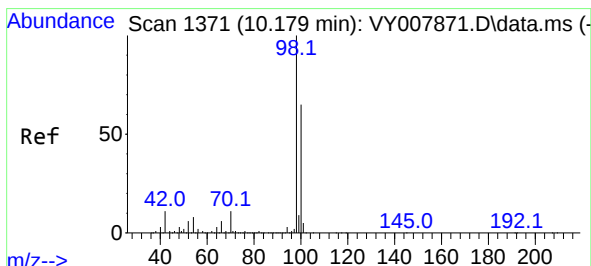
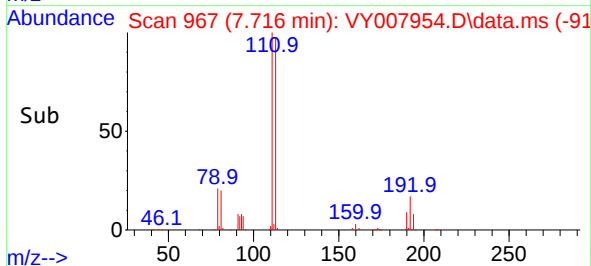
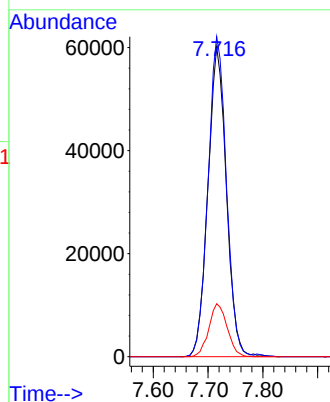
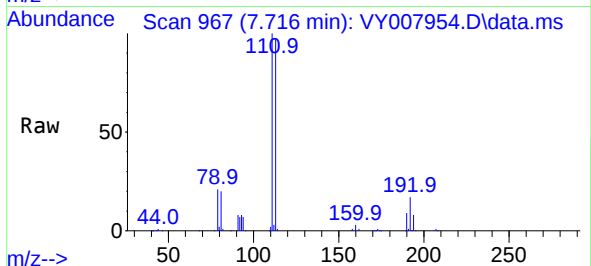




#35
Dibromofluoromethane
Concen: 44.296 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007954.D
Acq: 21 Mar 2022 15:02

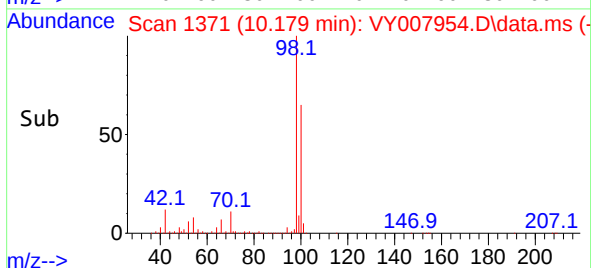
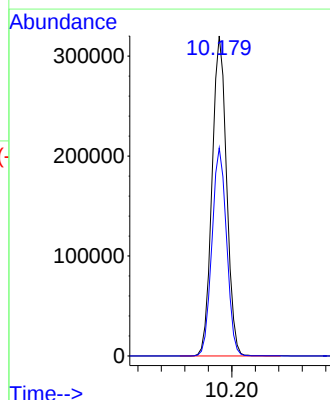
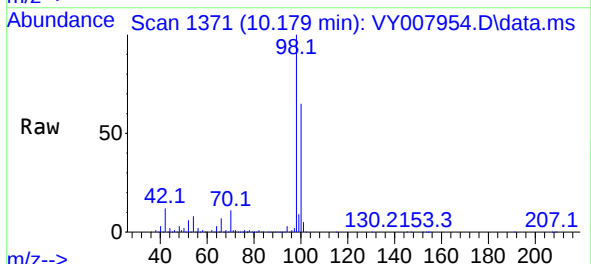
Instrument :
MSVOA_Y
ClientSampleId :
124019

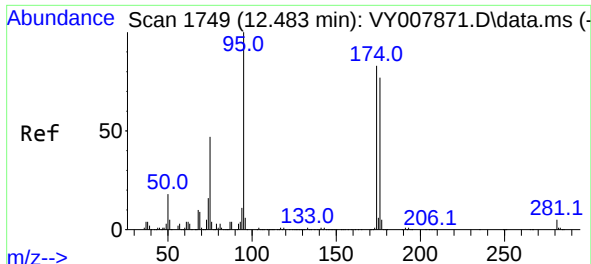
Tgt Ion:113 Resp: 140143
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 17.0 17.6 26.4#



#50
Toluene-d8
Concen: 58.581 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007954.D
Acq: 21 Mar 2022 15:02

Tgt Ion: 98 Resp: 550002
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

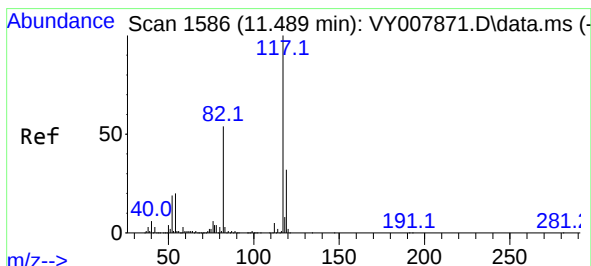
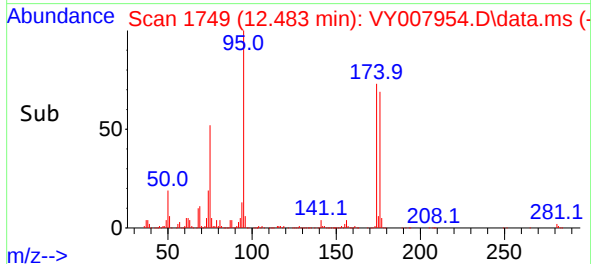
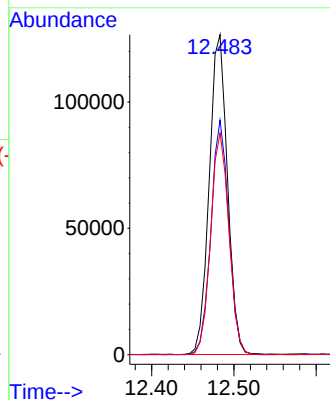
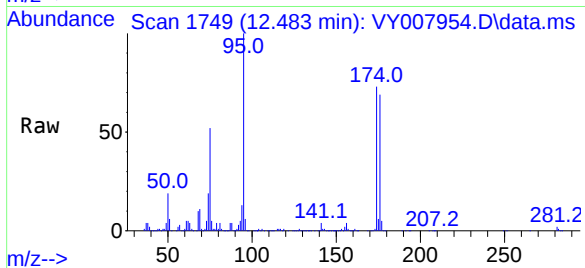




#62
4-Bromofluorobenzene
Concen: 42.880 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007954.D
Acq: 21 Mar 2022 15:02

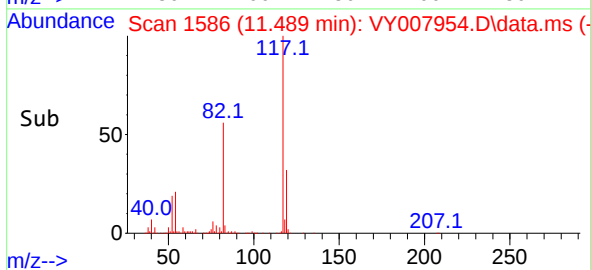
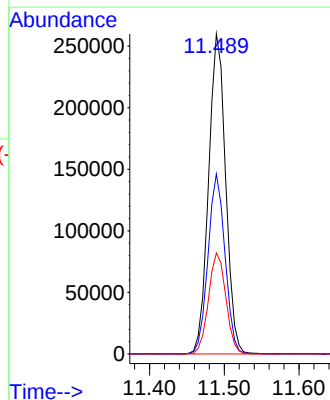
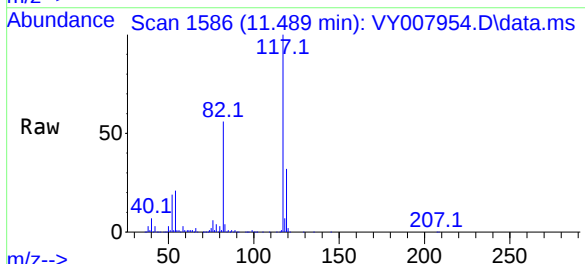
Instrument :
MSVOA_Y
ClientSampleId :
124019

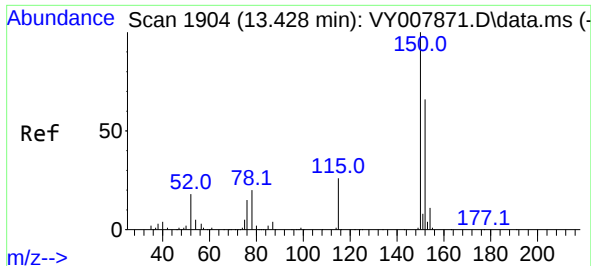
Tgt Ion: 95 Resp: 194701
Ion Ratio Lower Upper
95 100
174 72.3 0.0 177.0
176 69.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007954.D
Acq: 21 Mar 2022 15:02

Tgt Ion: 117 Resp: 411980
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 31.5 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: VY007954.D

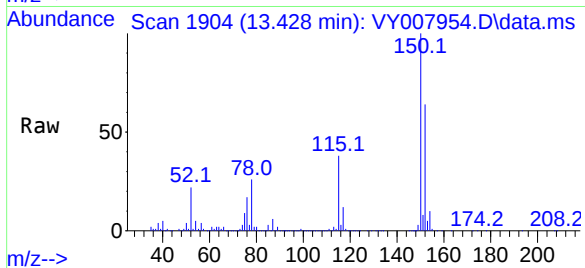
Acq: 21 Mar 2022 15:02

Instrument :

MSVOA_Y

ClientSampleId :

124019



Tgt Ion:152 Resp: 179038

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 156.9 0.0 347.6

