

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009294.D
 Acq On : 23 Jun 2022 14:49
 Operator : KP/MD
 Sample : N3469-03
 Misc : 7.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB

Quant Time: Jun 24 09:23:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	195221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	341079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146963	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119134	55.565	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.120%
35) Dibromofluoromethane	7.715	113	105539	47.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.560%
50) Toluene-d8	10.178	98	417237	49.171	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.483	95	142174	47.682	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.360%

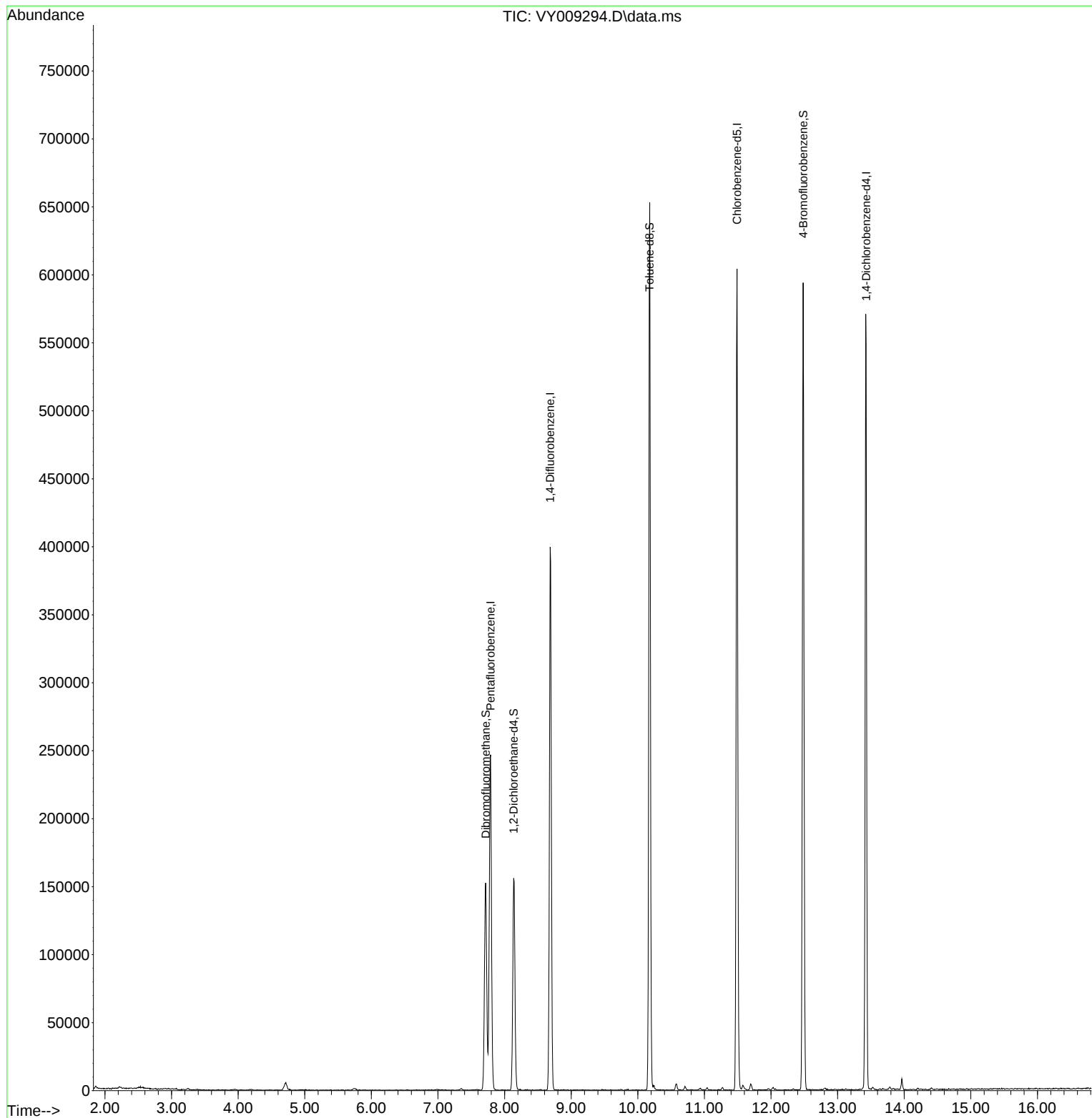
Target Compounds	Qvalue

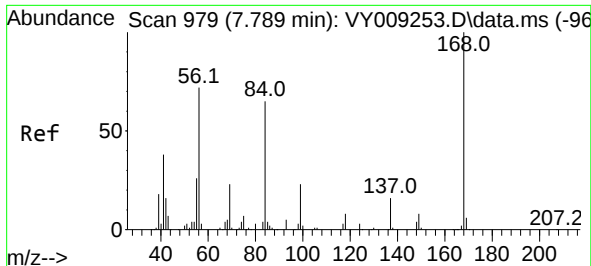
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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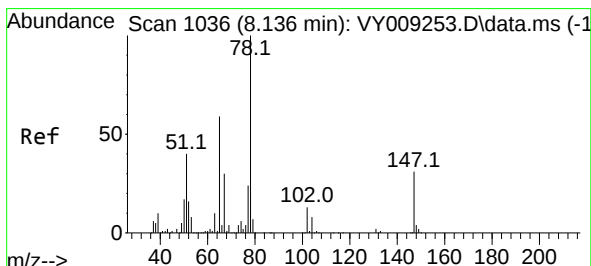
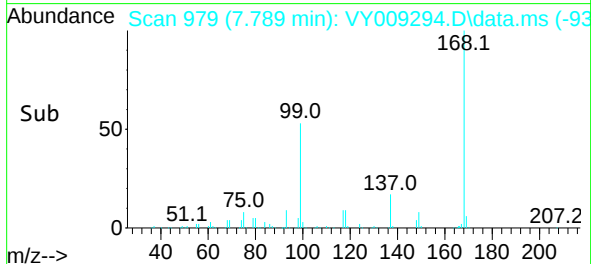
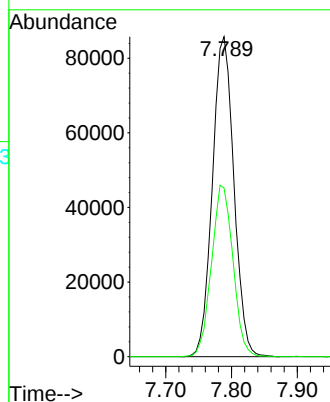
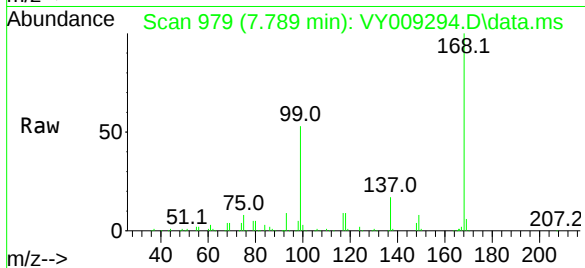




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

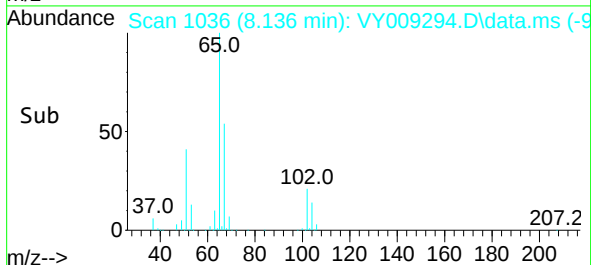
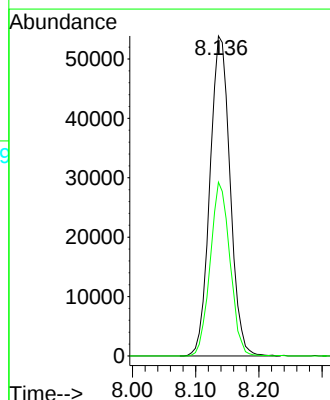
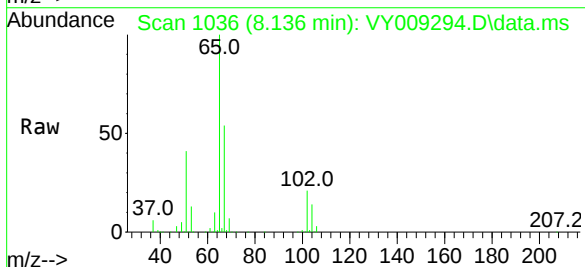
Instrument :
MSVOA_Y
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB

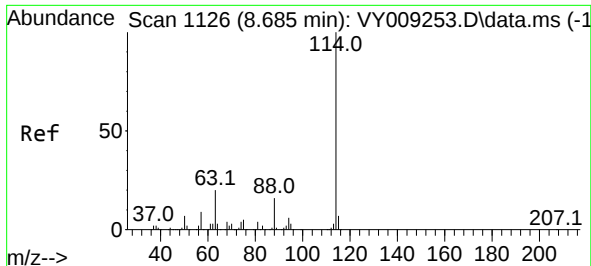
Tgt Ion:168 Resp: 195221
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.565 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

Tgt Ion: 65 Resp: 119134
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4

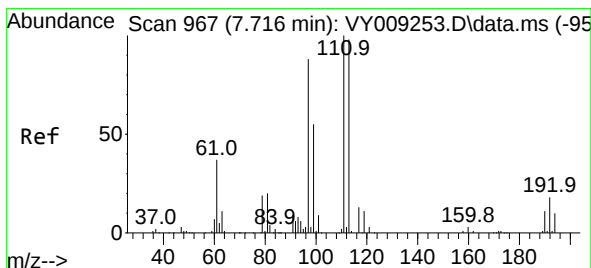
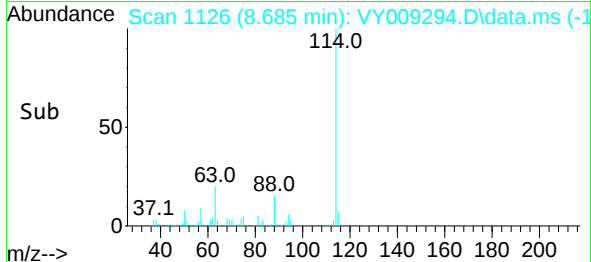
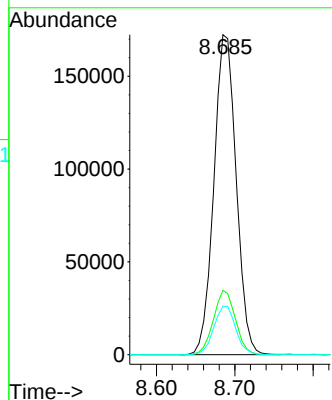
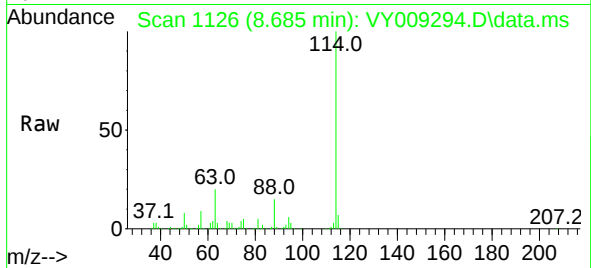




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

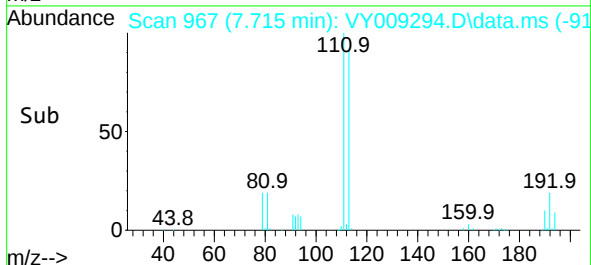
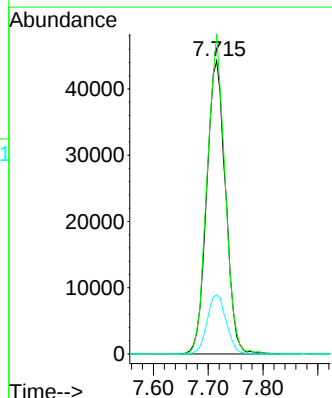
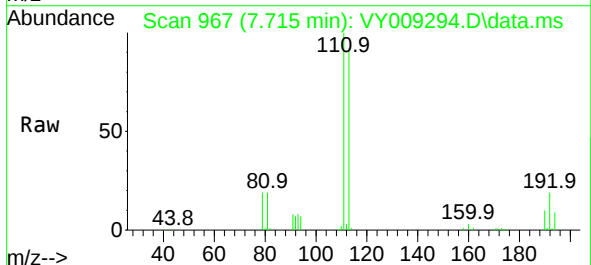
Instrument : MSVOA_Y
ClientSampleId : XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB

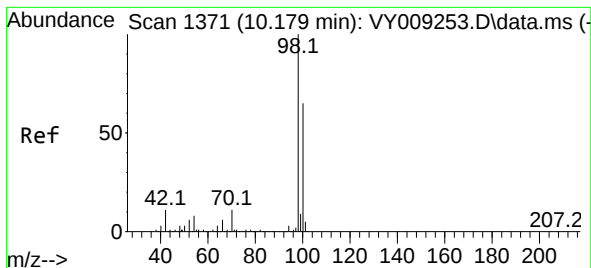
Tgt Ion:	114	Resp:	341079
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	43.2
88	15.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.779 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

Tgt Ion:	113	Resp:	105539
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.6	124.0
192	20.4	17.6	26.4

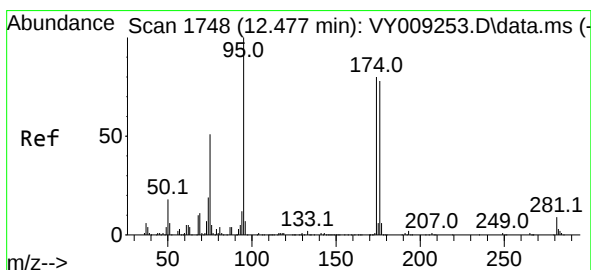
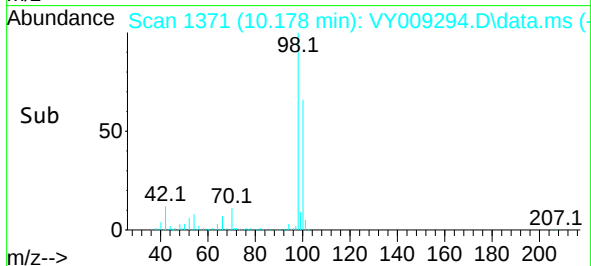
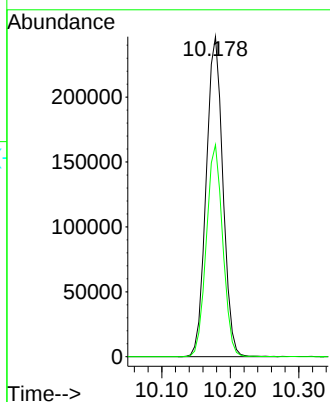
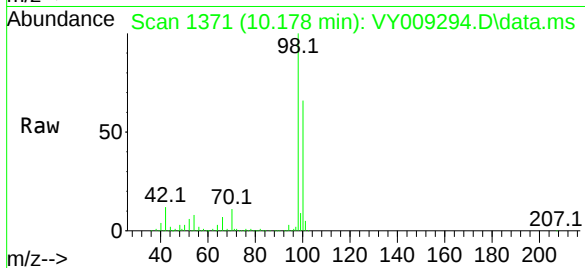




#50
Toluene-d8
Concen: 49.171 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

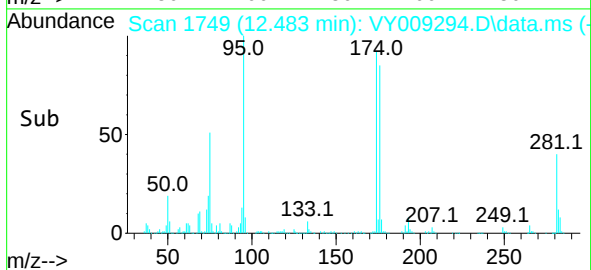
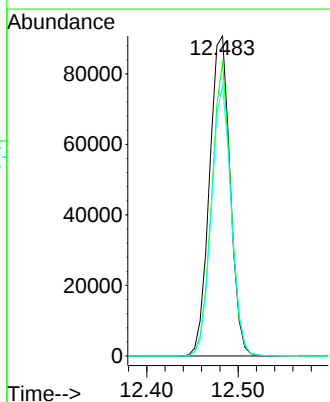
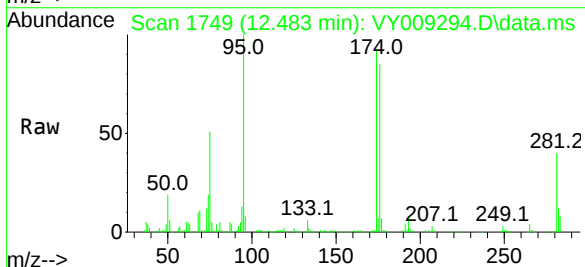
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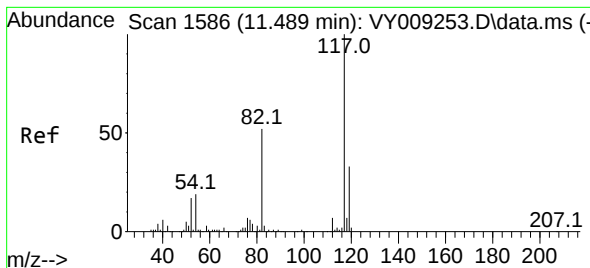
Tgt Ion: 98 Resp: 417237
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.682 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009294.D
Acq: 23 Jun 2022 14:49

Tgt Ion: 95 Resp: 142174
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 81.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009294.D

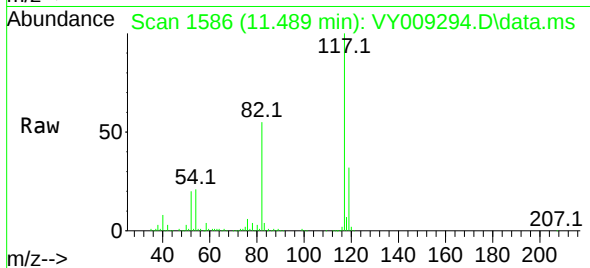
Acq: 23 Jun 2022 14:49

Instrument :

MSVOA_Y

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-1-GRAB



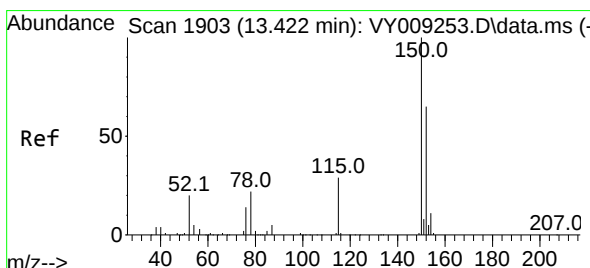
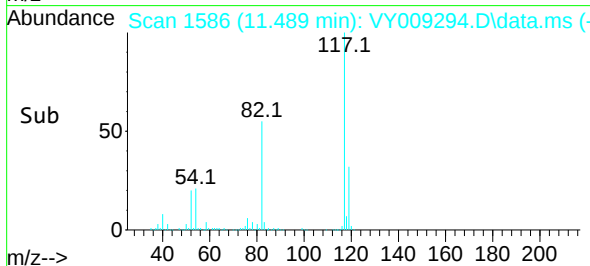
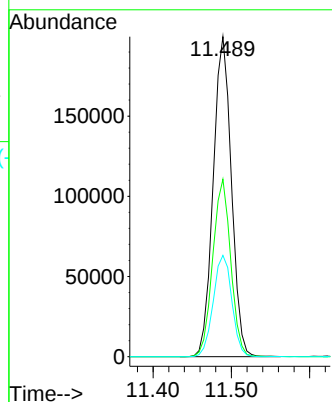
Tgt Ion:117 Resp: 322062

Ion Ratio Lower Upper

117 100

82 55.5 43.0 64.4

119 31.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009294.D

Acq: 23 Jun 2022 14:49

Tgt Ion:152 Resp: 146963

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 155.7 0.0 347.6

