

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009752.D
 Acq On : 28 Jul 2022 15:38
 Operator : KP/MD
 Sample : N3920-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PB-07-27-2022

Quant Time: Jul 29 02:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

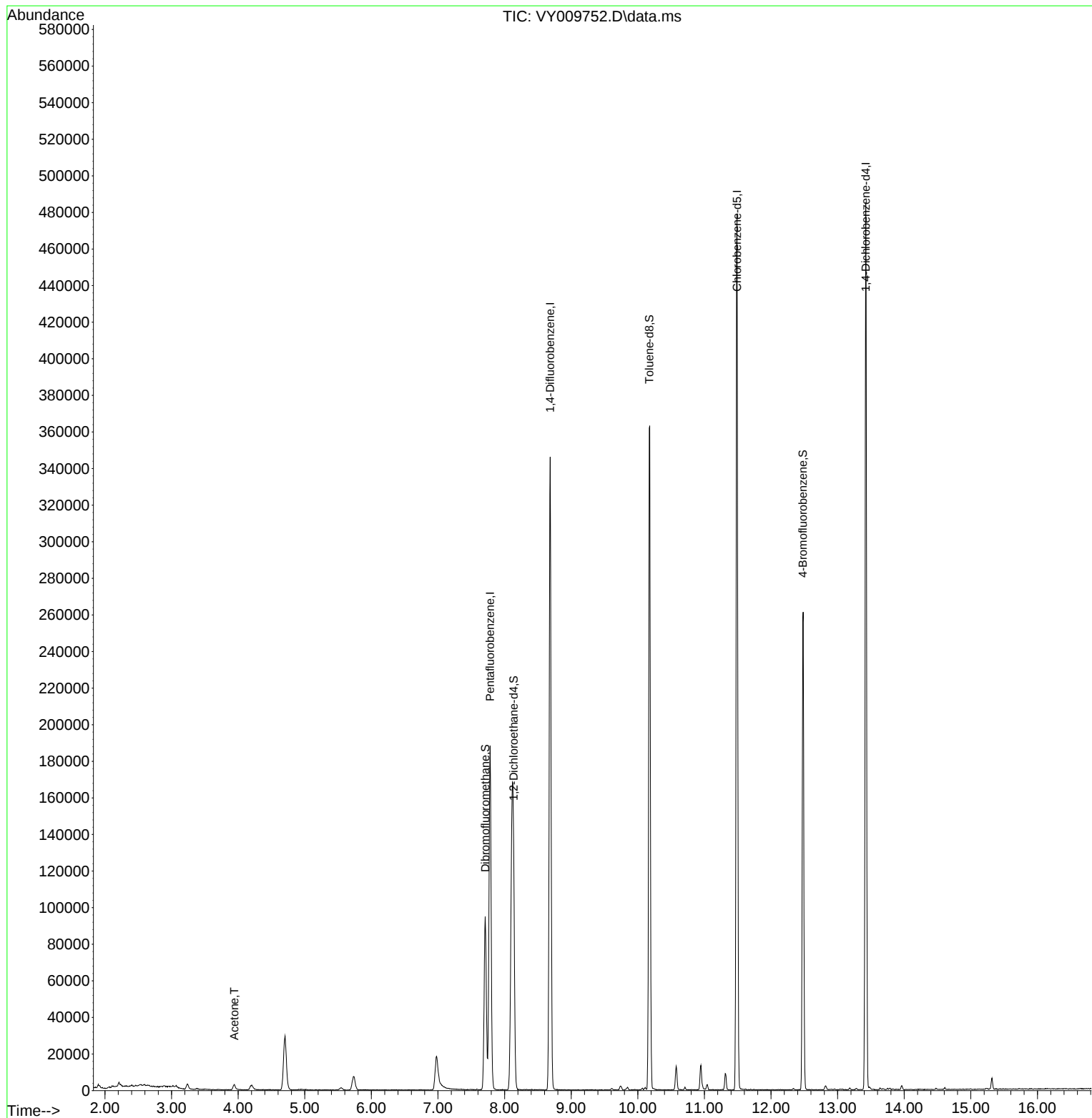
Internal Standards						
1) Pentafluorobenzene	7.782	168	152670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70655	71.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.560%
35) Dibromofluoromethane	7.709	113	66288	40.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.020%
50) Toluene-d8	10.172	98	241634	50.082	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.477	95	74322	33.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	67.660%
Target Compounds						
16) Acetone	3.942	43	4893	13.404	ug/l	Qvalue 90

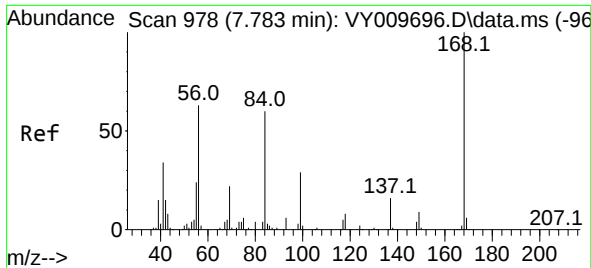
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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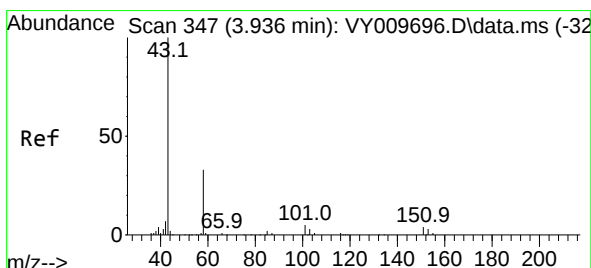
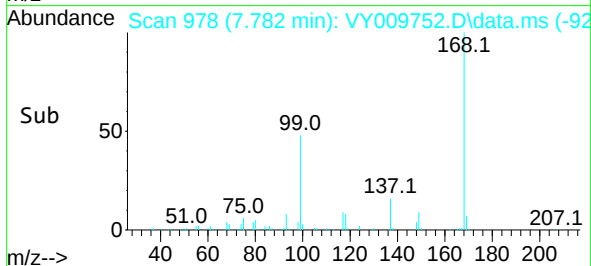
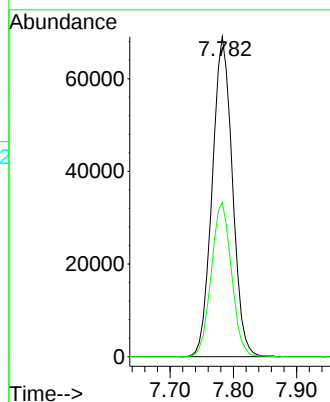
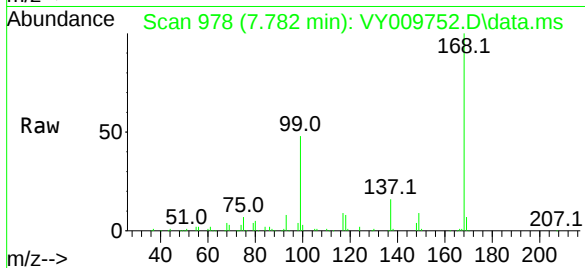




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

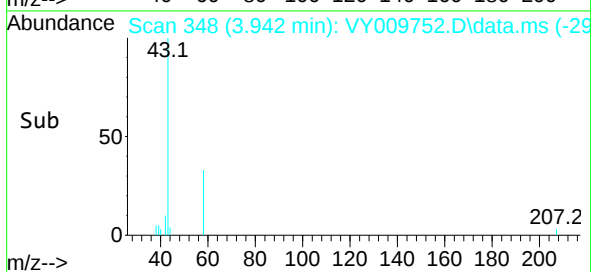
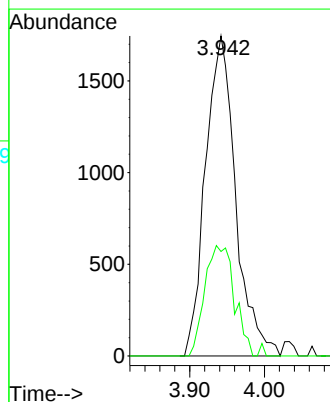
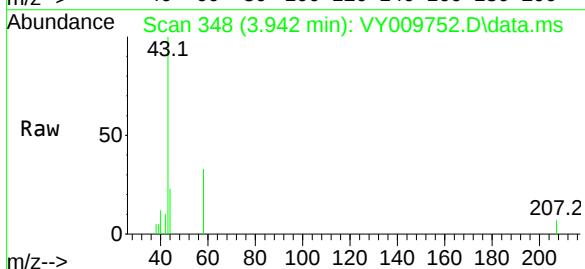
Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022

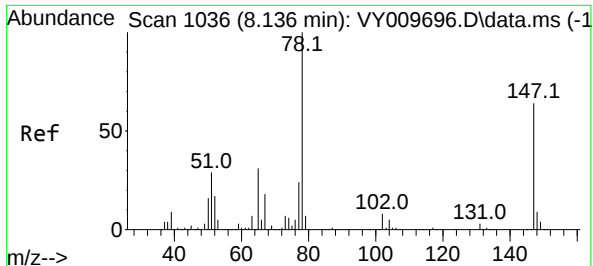
Tgt Ion:168 Resp: 152670
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#16
Acetone
Concen: 13.404 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

Tgt Ion: 43 Resp: 4893
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 71.778 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009752.D

Acq: 28 Jul 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

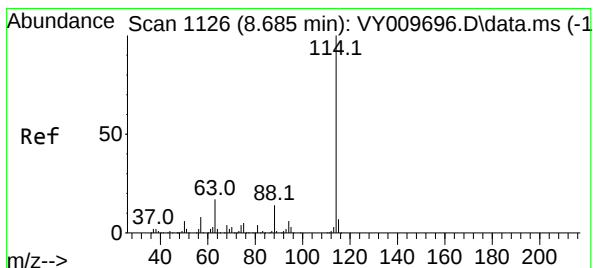
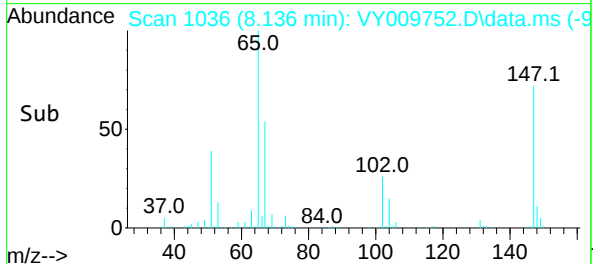
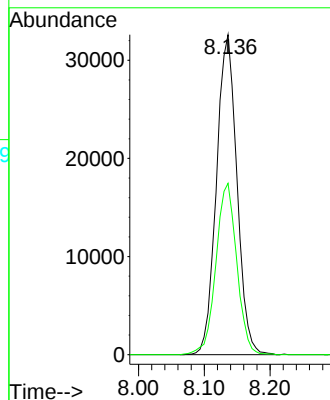
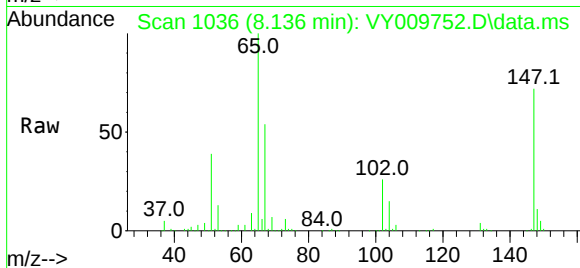
PB-07-27-2022

Tgt Ion: 65 Resp: 70655

Ion Ratio Lower Upper

65 100

67 54.5 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: VY009752.D

Acq: 28 Jul 2022 15:38

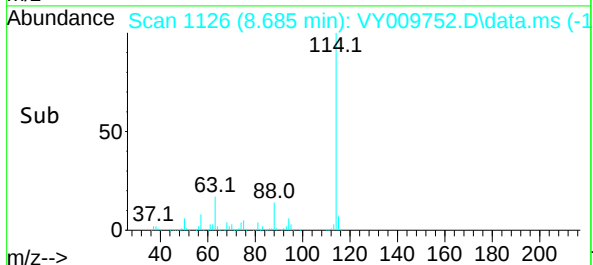
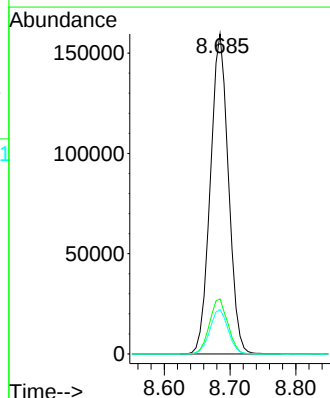
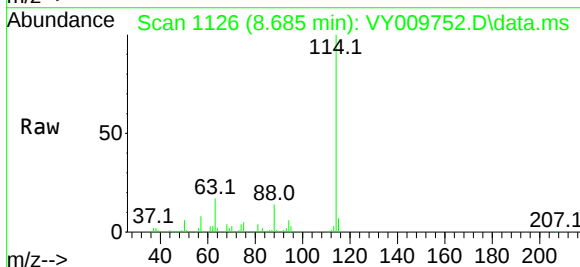
Tgt Ion: 114 Resp: 304647

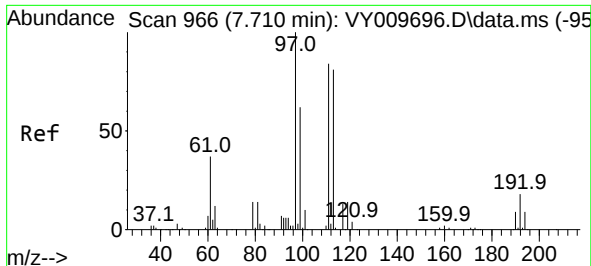
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.9 0.0 31.8

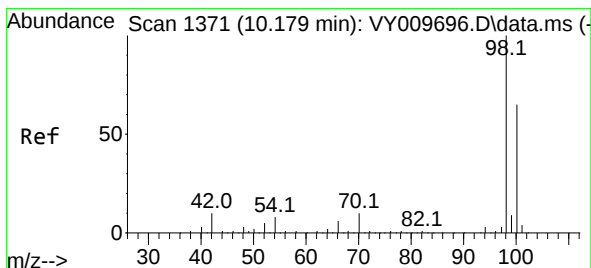
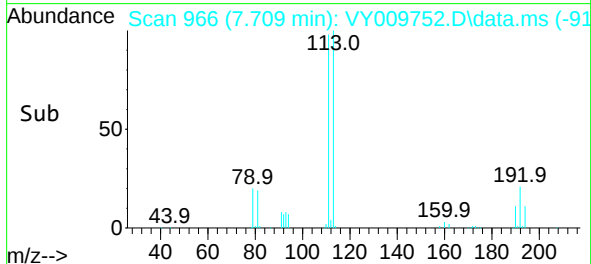
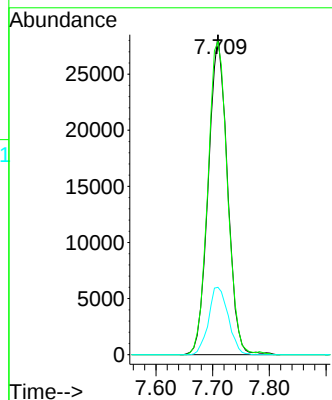
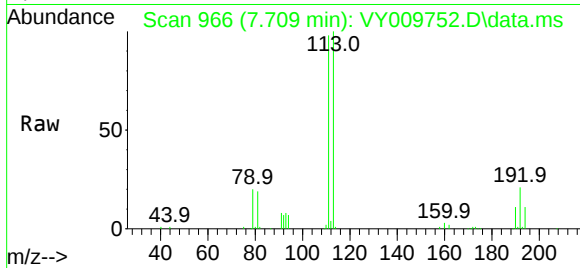




#35
Dibromofluoromethane
Concen: 40.007 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

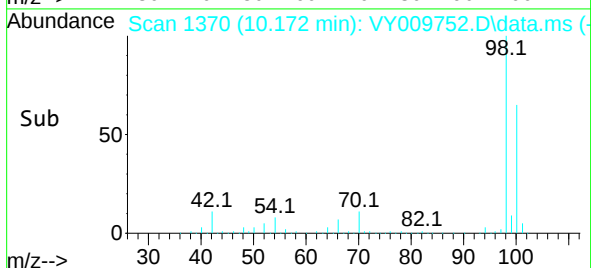
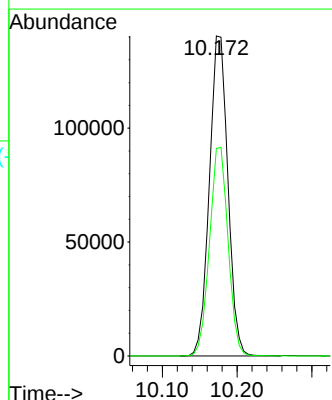
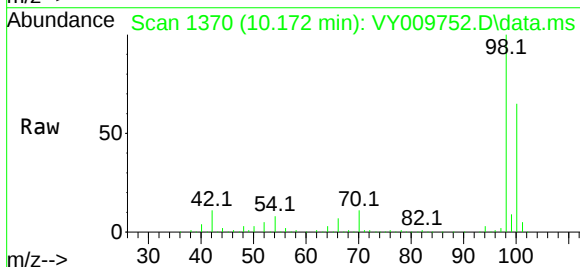
Instrument :
MSVOA_Y
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PB-07-27-2022

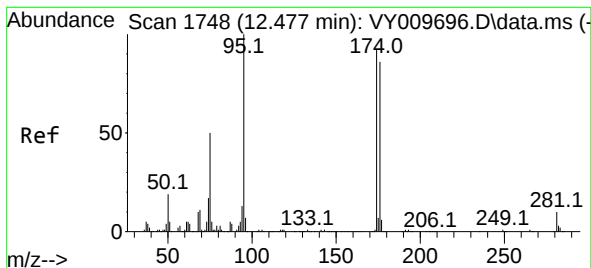
Tgt Ion:113 Resp: 66288
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 21.9 17.6 26.4



#50
Toluene-d8
Concen: 50.082 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

Tgt Ion: 98 Resp: 241634
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

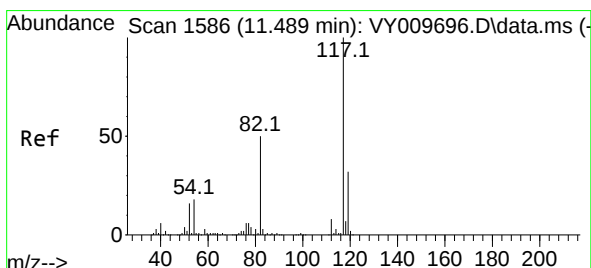
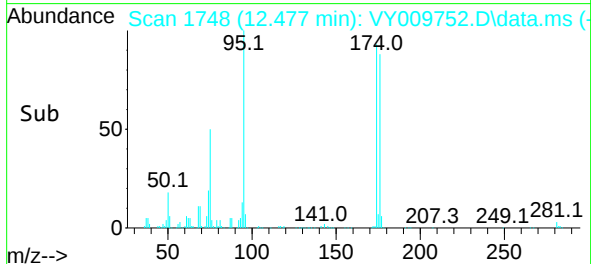
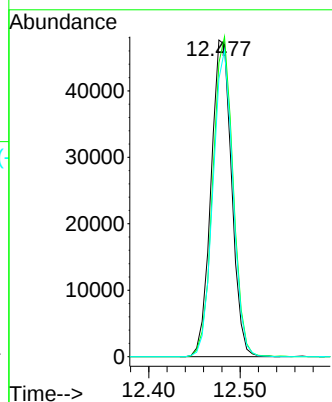
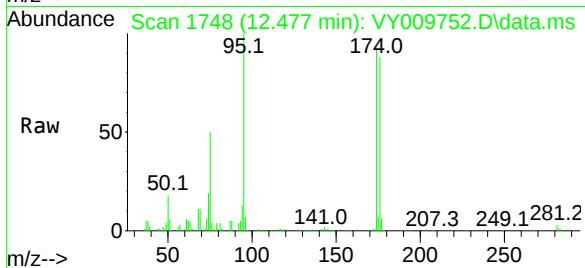




#62
4-Bromofluorobenzene
Concen: 33.829 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

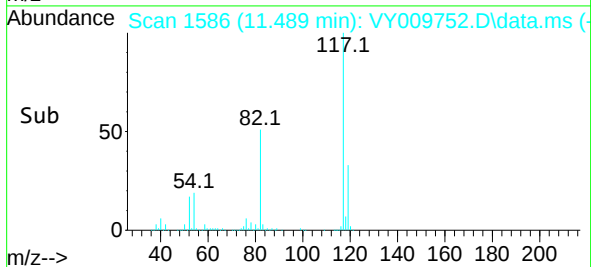
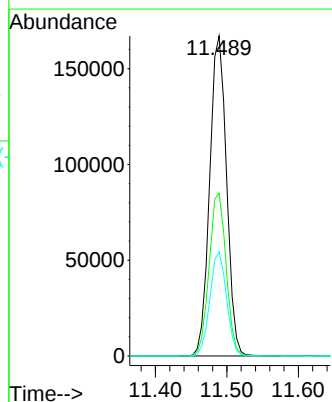
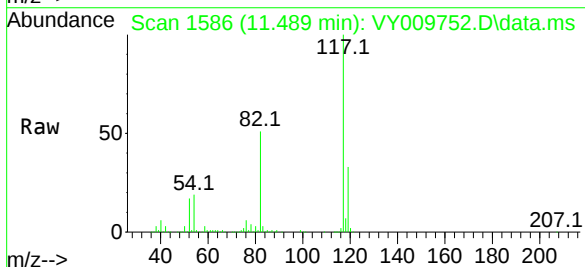
Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022

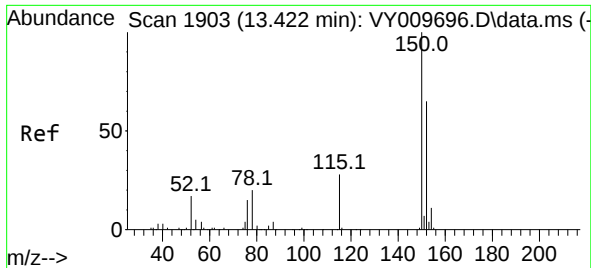
Tgt Ion: 95 Resp: 74322
Ion Ratio Lower Upper
95 100
174 99.5 0.0 177.0
176 94.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009752.D
Acq: 28 Jul 2022 15:38

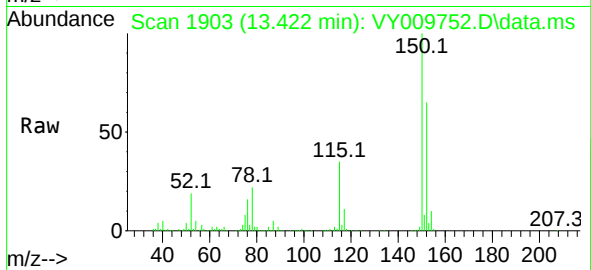
Tgt Ion: 117 Resp: 273610
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009752.D
 Acq: 28 Jul 2022 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 PB-07-27-2022



Tgt Ion:152 Resp: 129485
 Ion Ratio Lower Upper
 152 100
 115 53.1 28.2 84.7
 150 155.9 0.0 347.6

