

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013503.D
 Acq On : 27 Apr 2023 19:37
 Operator : KP/MD
 Sample : 02407-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NORTH-ST-&-BAY-AVE-INTERSECTION

Quant Time: Apr 28 03:16:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	100097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	121369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55121	50.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.460%
35) Dibromofluoromethane	7.716	113	50011	54.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.900%
50) Toluene-d8	10.179	98	173097	52.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.940%
62) 4-Bromofluorobenzene	12.477	95	43496	39.484	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.960%

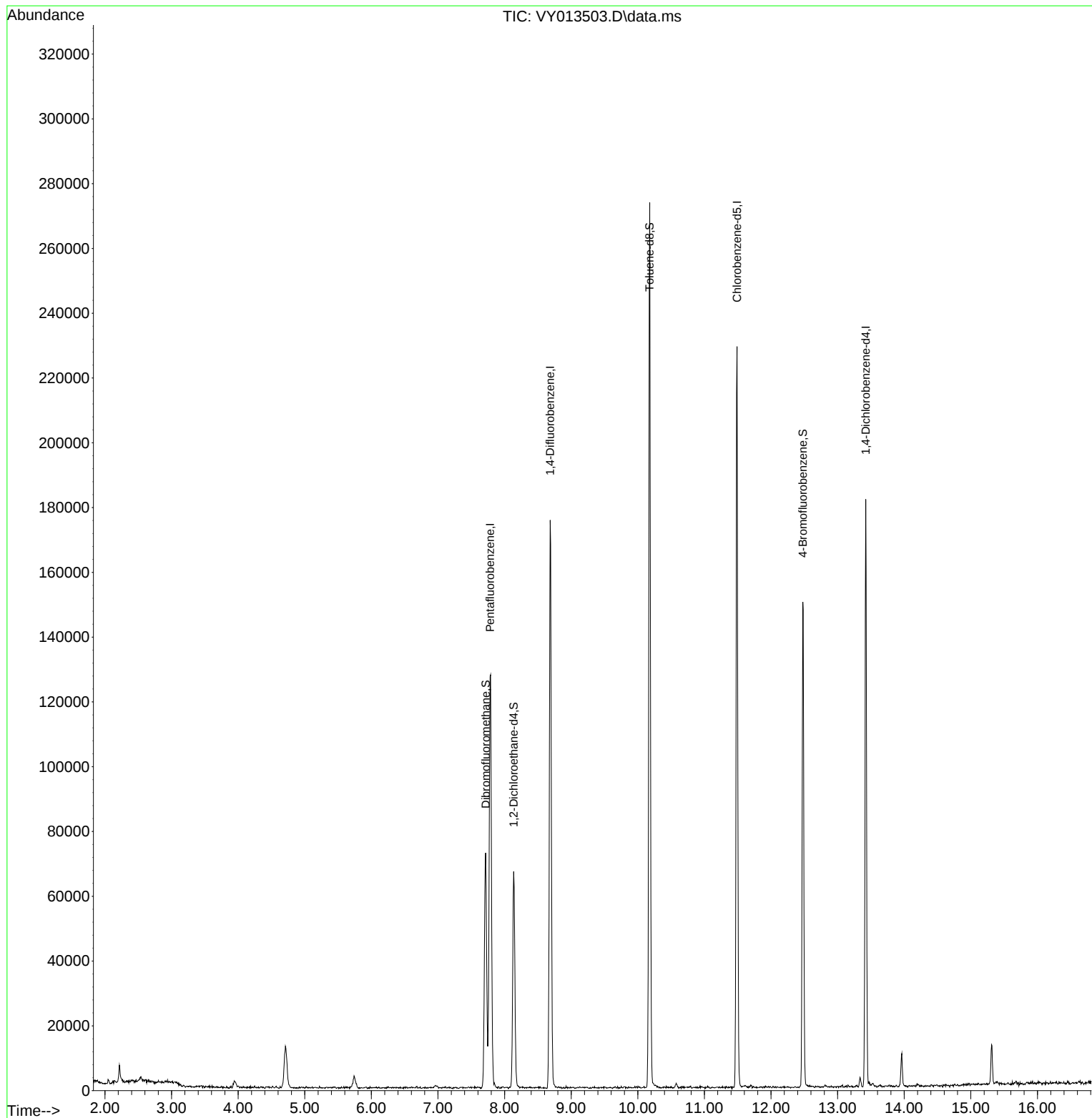
Target Compounds	Qvalue

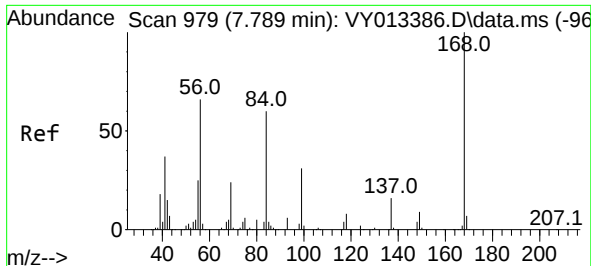
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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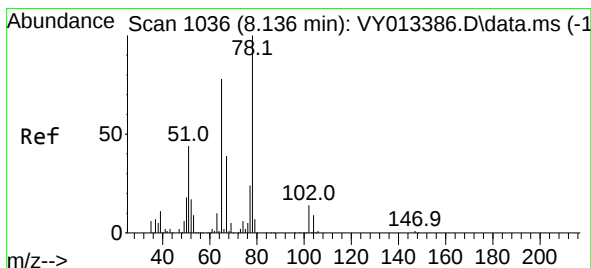
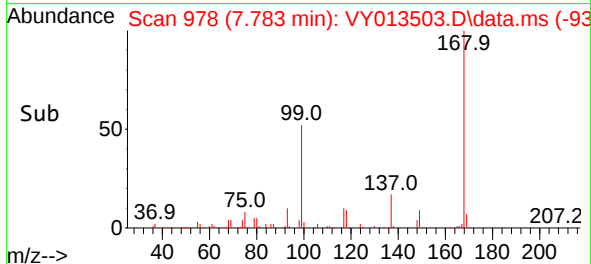
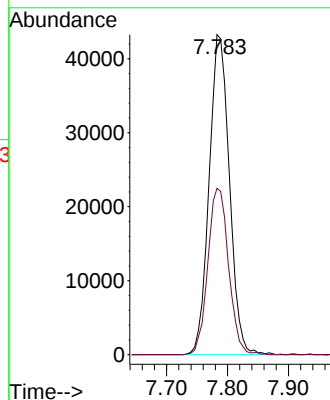
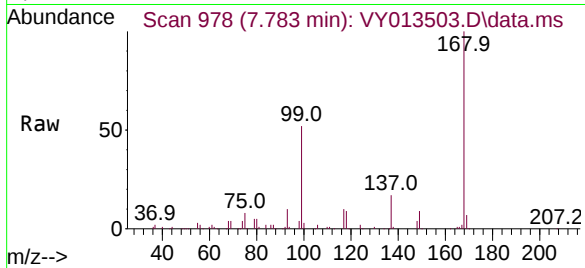




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

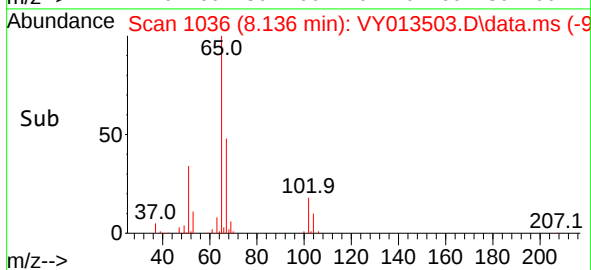
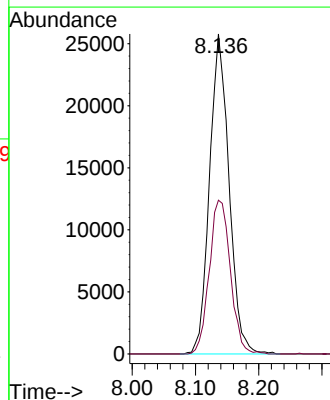
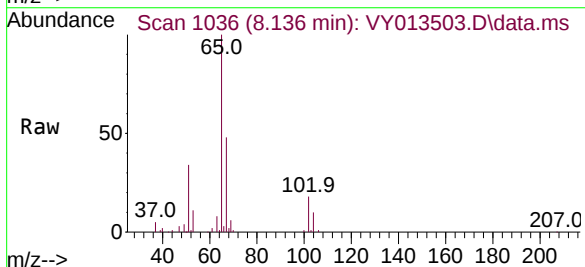
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

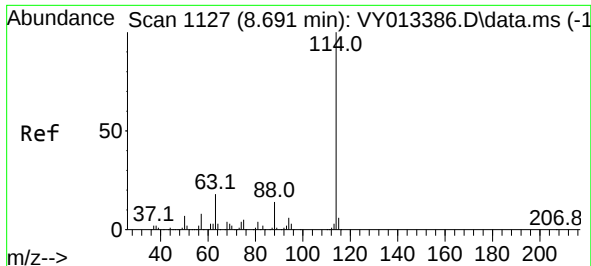
Tgt Ion:168 Resp: 100097
Ion Ratio Lower Upper
168 100
99 52.0 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 50.234 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

Tgt Ion: 65 Resp: 55121
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4

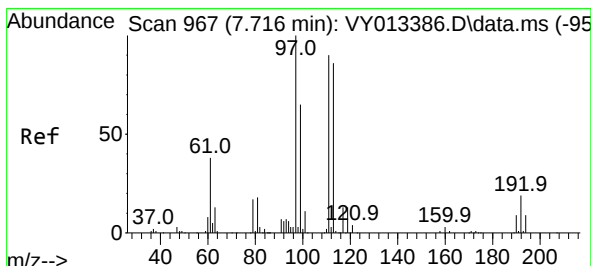
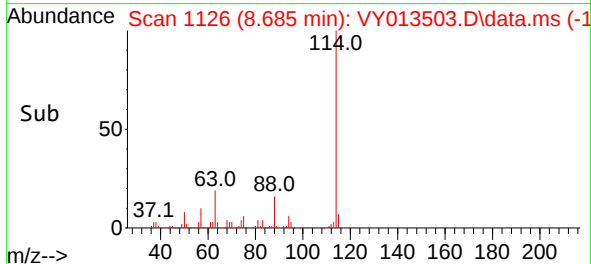
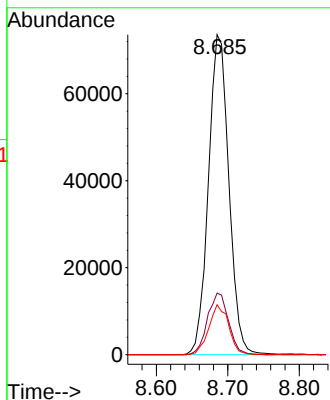
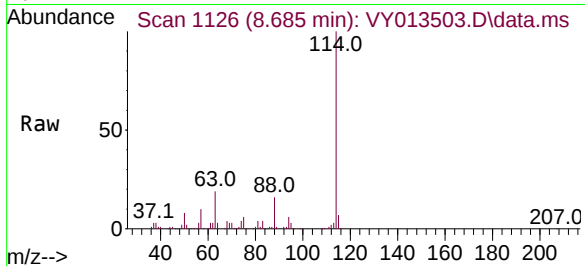




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

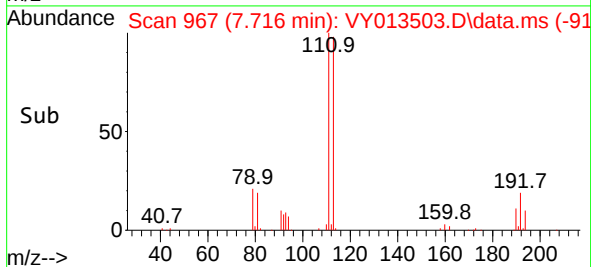
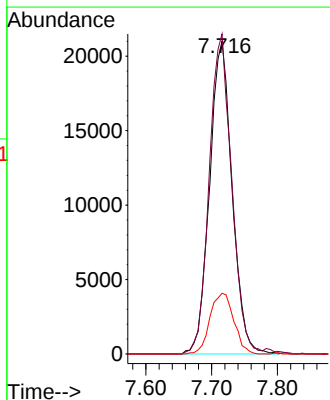
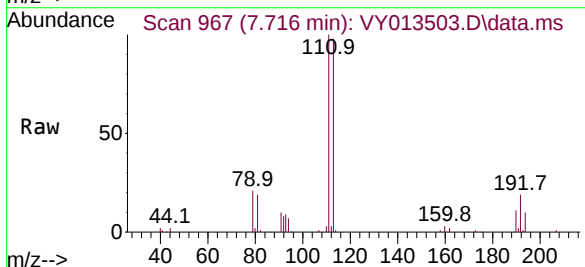
Instrument : MSVOA_Y
ClientSampleId : NORTH-ST-&-BAY-AVE-INTERSECTION

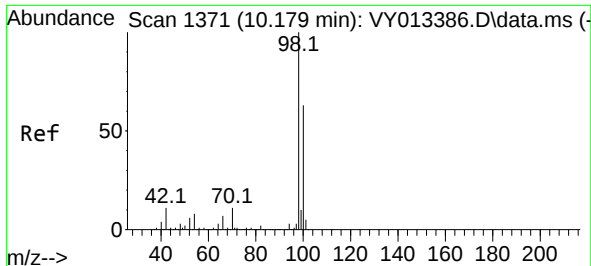
Tgt Ion:	114	Resp:	146044
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	36.6
88	15.6	0.0	28.8



#35
Dibromofluoromethane
Concen: 54.446 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

Tgt Ion:	113	Resp:	50011
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	20.5	16.7	25.1

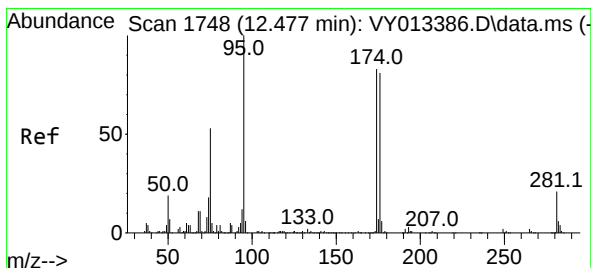
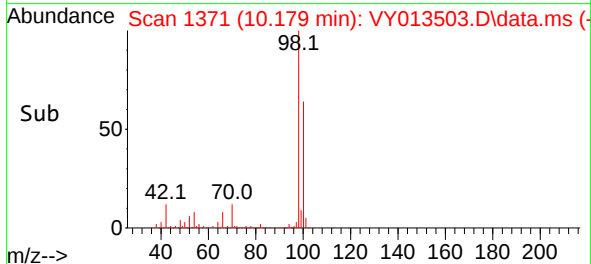
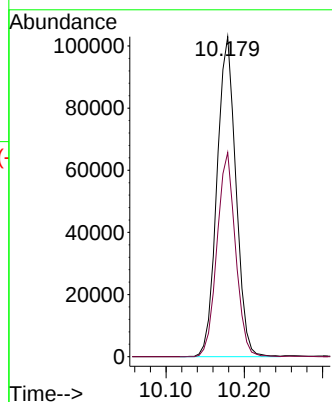
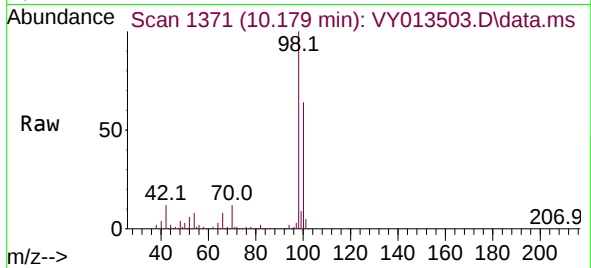




#50
Toluene-d8
Concen: 52.973 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

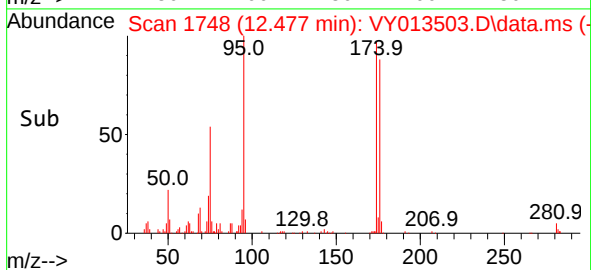
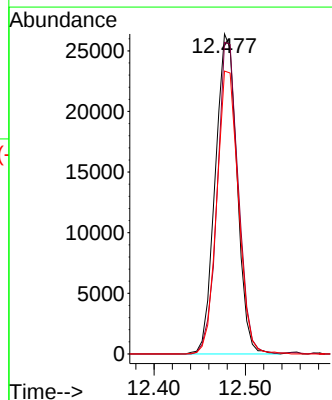
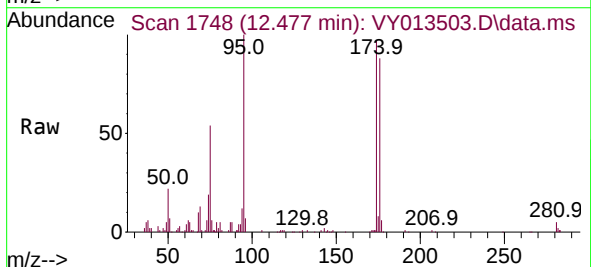
Instrument : MSVOA_Y
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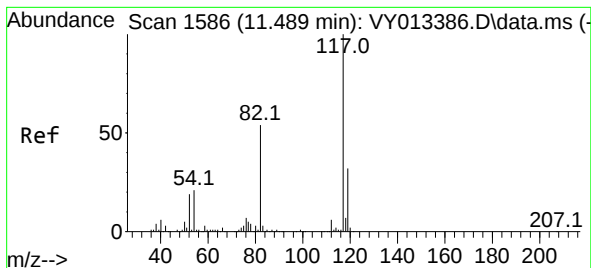
Tgt Ion: 98 Resp: 173097
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 39.484 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

Tgt Ion: 95 Resp: 43496
Ion Ratio Lower Upper
95 100
174 94.3 0.0 182.0
176 88.4 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013503.D

Acq: 27 Apr 2023 19:37

Instrument :

MSVOA_Y

ClientSampleId :

NORTH-ST-&-BAY-AVE-INTERSECTION

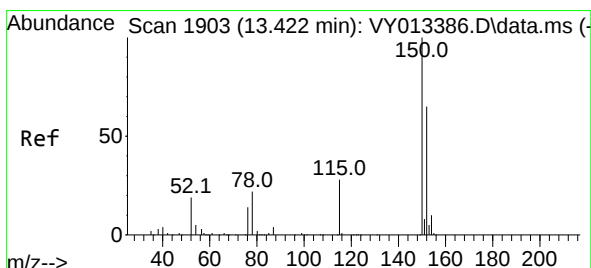
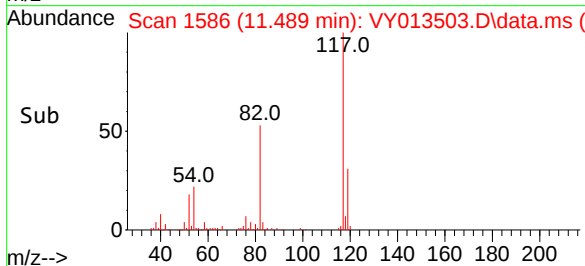
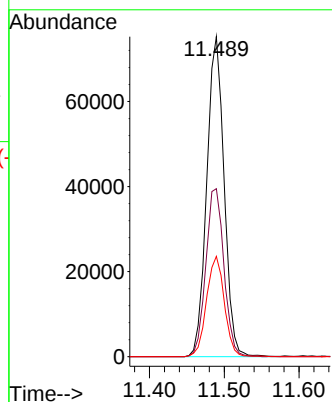
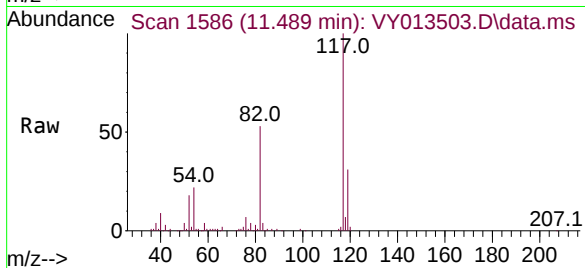
Tgt Ion:117 Resp: 121369

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.6

119 31.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013503.D

Acq: 27 Apr 2023 19:37

Tgt Ion:152 Resp: 45949

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.2

150 157.5 0.0 352.0

