

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010326.D
 Acq On : 03 Sep 2022 17:32
 Operator : KP/MD
 Sample : N4419-03
 Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KTS2-TR-02-2-3

Quant Time: Sep 05 04:21:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	283430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	459202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	408498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167517	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150888	51.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.840%
35) Dibromofluoromethane	7.715	113	139327	45.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.160%
50) Toluene-d8	10.178	98	535269	52.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.477	95	173273	41.157	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.320%

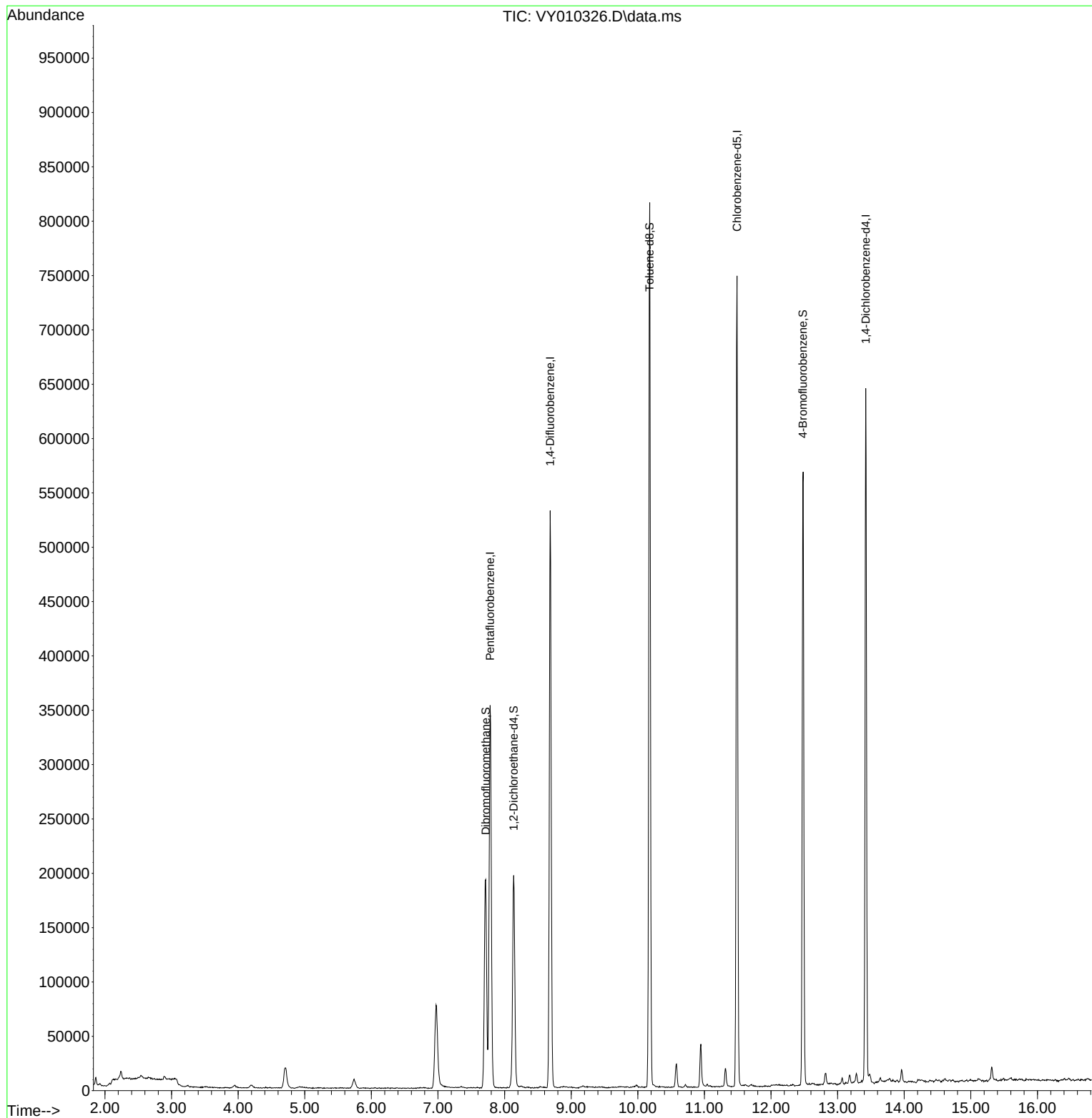
Target Compounds	Qvalue

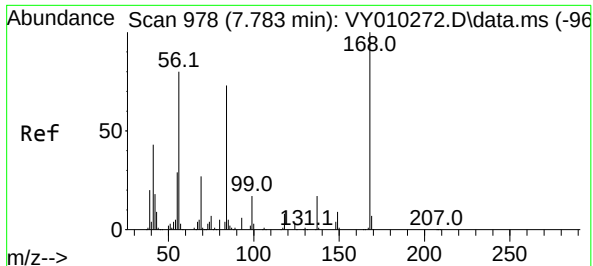
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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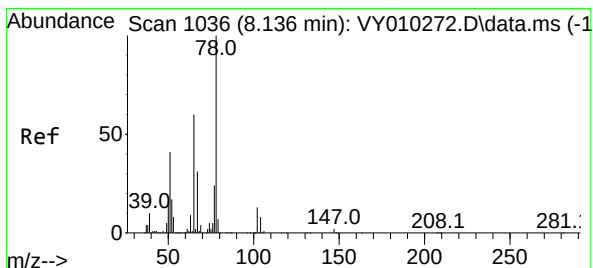
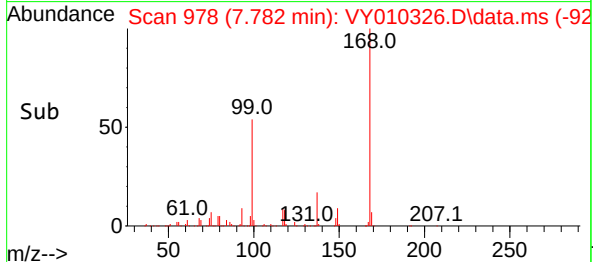
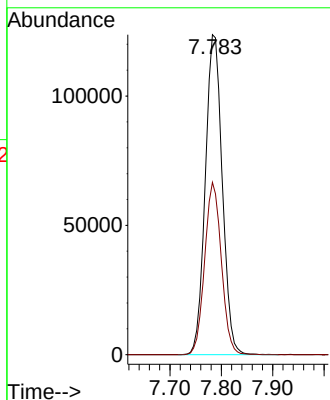
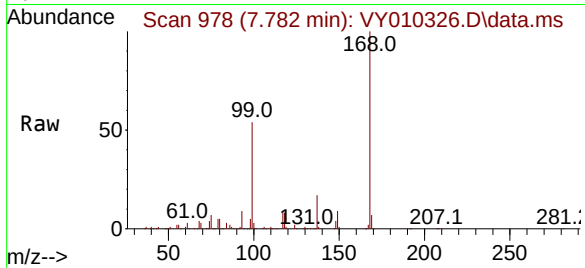




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

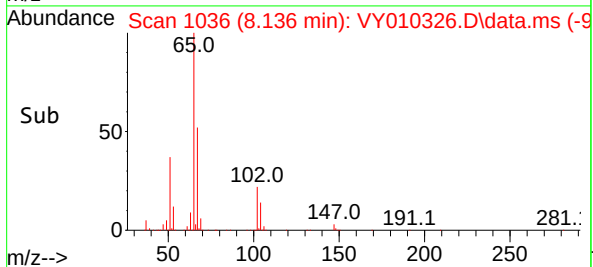
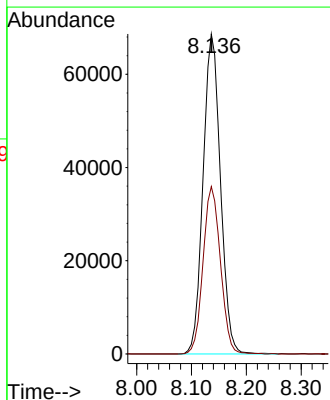
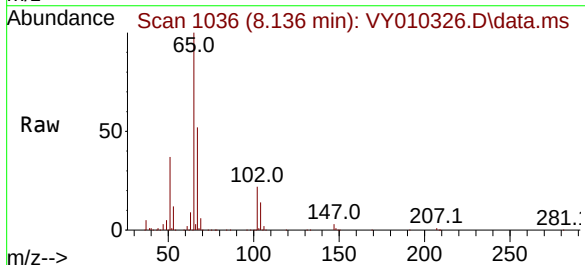
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-2-3

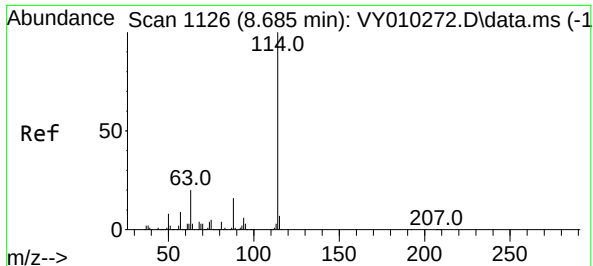
Tgt Ion:168 Resp: 283430
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.918 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

Tgt Ion: 65 Resp: 150888
Ion Ratio Lower Upper
65 100
67 52.2 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: VY010326.D

Acq: 03 Sep 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

KTS2-TR-02-2-3

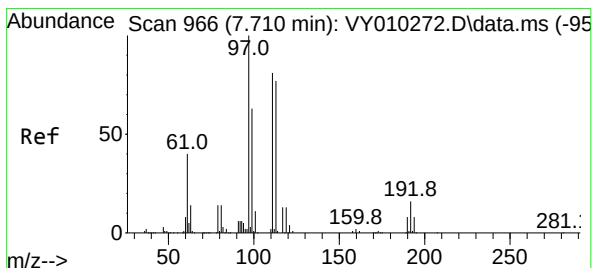
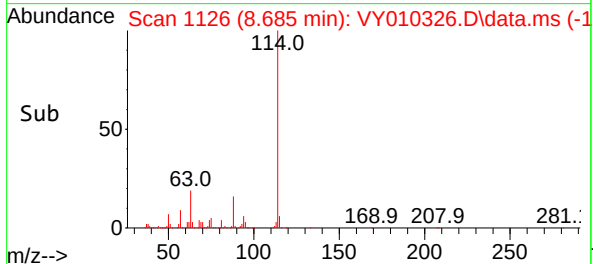
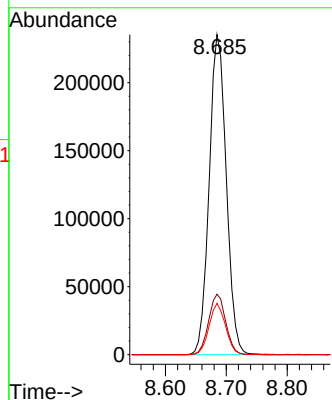
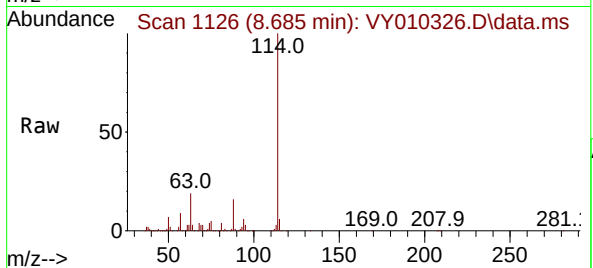
Tgt Ion:114 Resp: 459202

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.576 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY010326.D

Acq: 03 Sep 2022 17:32

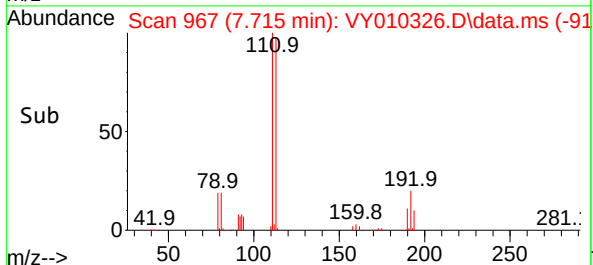
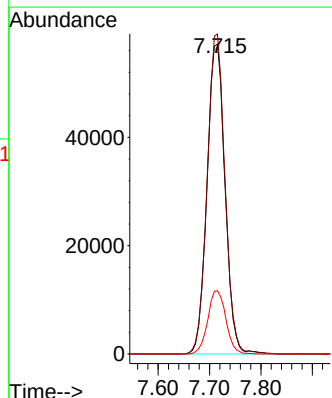
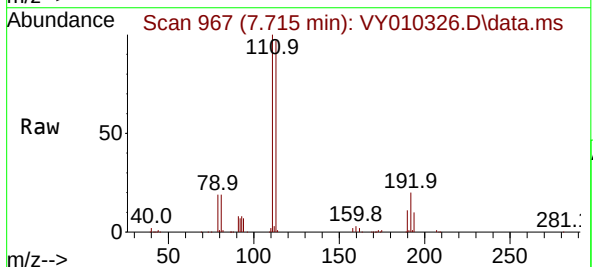
Tgt Ion:113 Resp: 139327

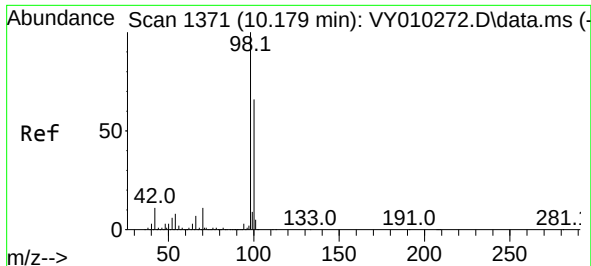
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 20.6 17.6 26.4

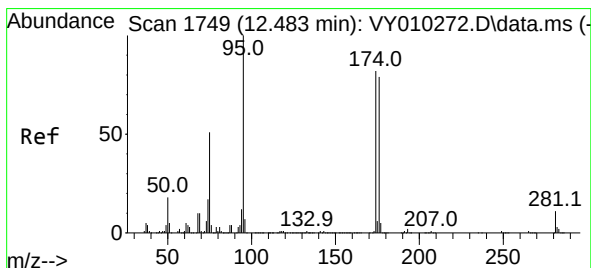
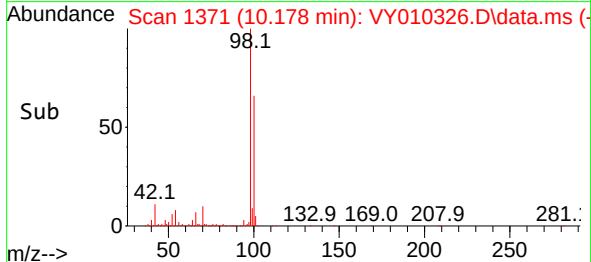
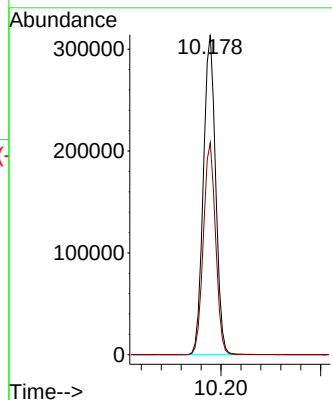
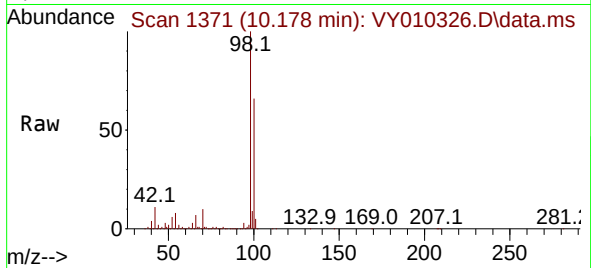




#50
Toluene-d8
Concen: 52.299 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

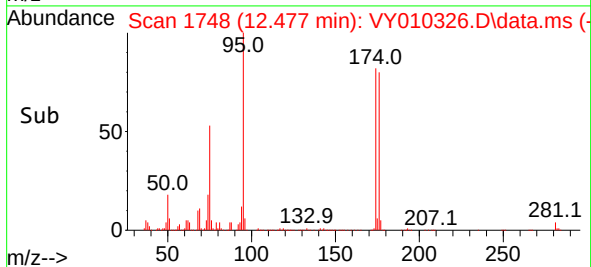
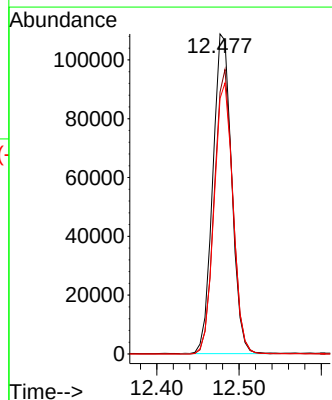
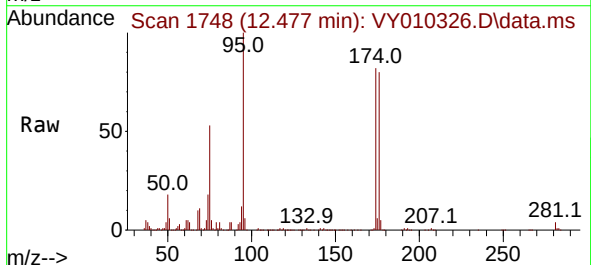
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-2-3

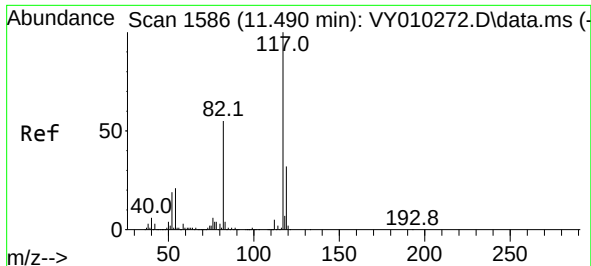
Tgt Ion: 98 Resp: 535269
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.157 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

Tgt Ion: 95 Resp: 173273
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 84.7 0.0 175.8

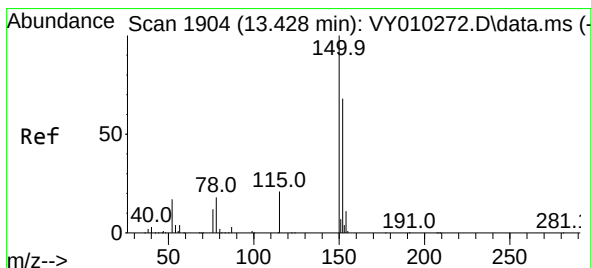
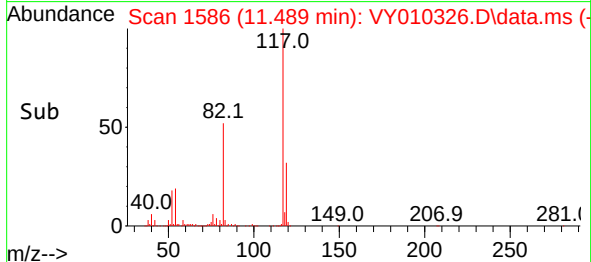
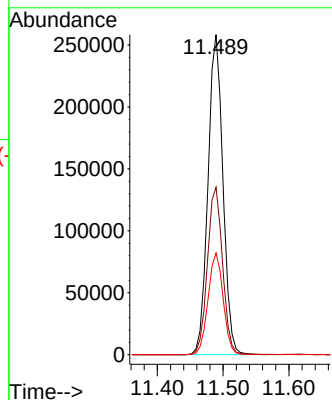
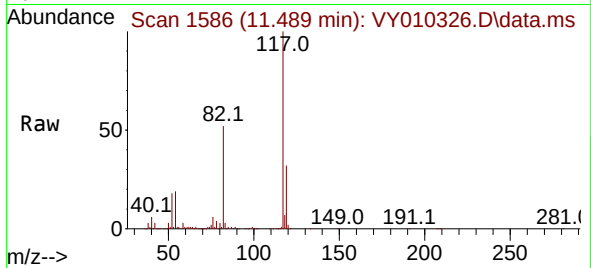




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-2-3

Tgt Ion:117 Resp: 408498
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

Tgt Ion:152 Resp: 167517
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 156.8 0.0 347.6

