

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009725.D
 Acq On : 27 Jul 2022 15:28
 Operator : KP/MD
 Sample : N3896-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-60

Quant Time: Jul 28 02:45:51 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	7.783	168	193252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87357	69.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.960%
35) Dibromofluoromethane	7.710	113	85122	44.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.660%
50) Toluene-d8	10.179	98	309482	56.524	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	113.040%
62) 4-Bromofluorobenzene	12.477	95	97410	38.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	77.380%

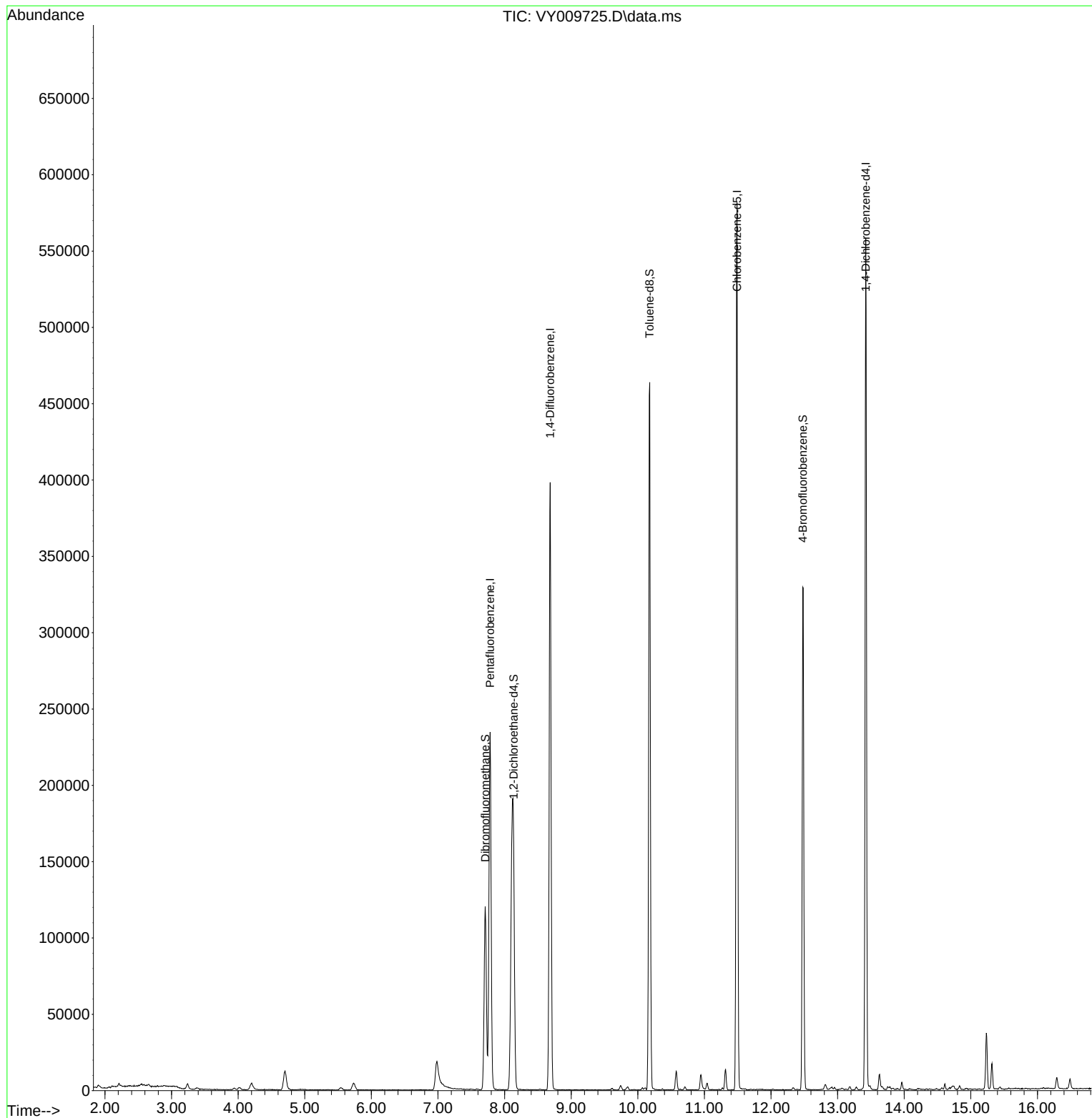
Target Compounds	Qvalue

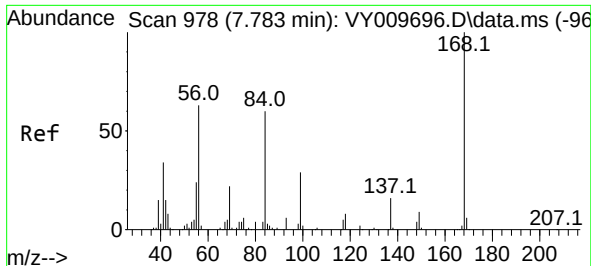
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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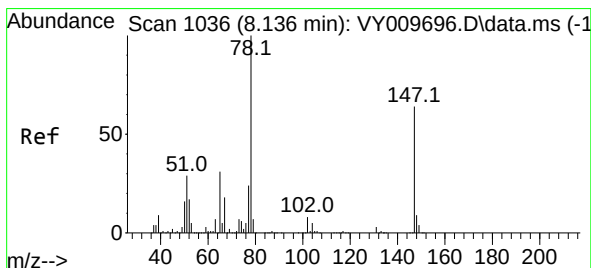
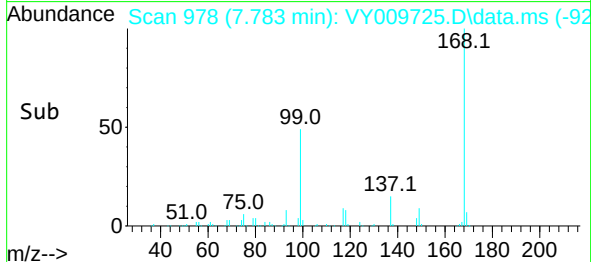
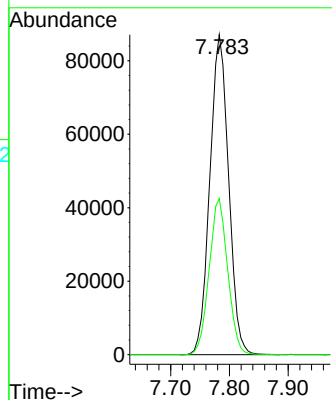
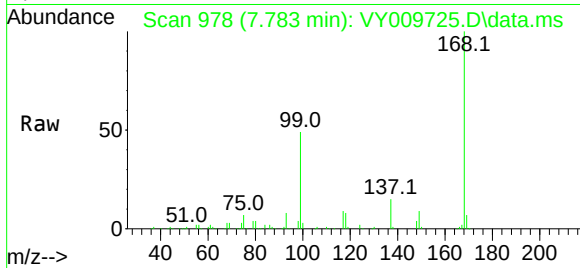




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

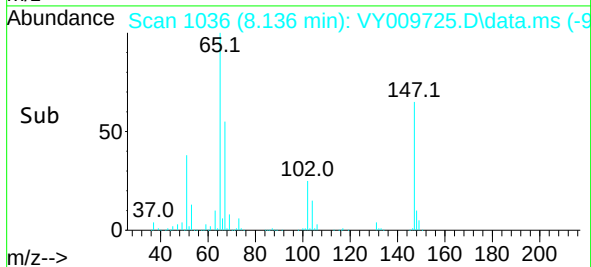
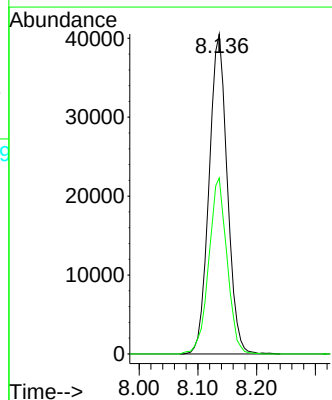
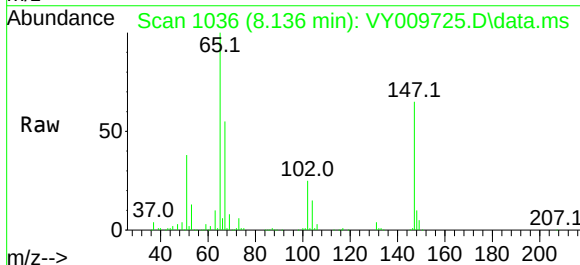
Instrument :
MSVOA_Y
ClientSampleId :
RVE-60

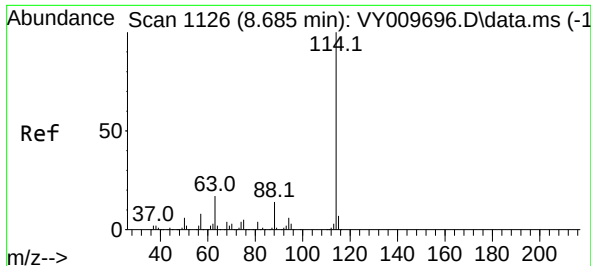
Tgt Ion:168 Resp: 193252
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.976 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

Tgt Ion: 65 Resp: 87357
Ion Ratio Lower Upper
65 100
67 55.1 0.0 99.4

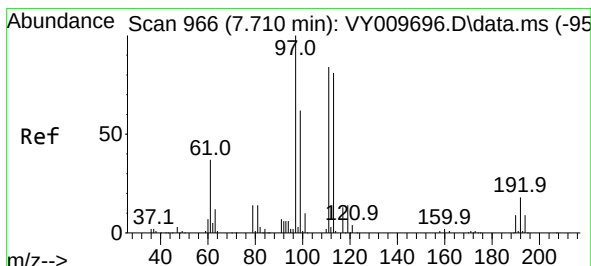
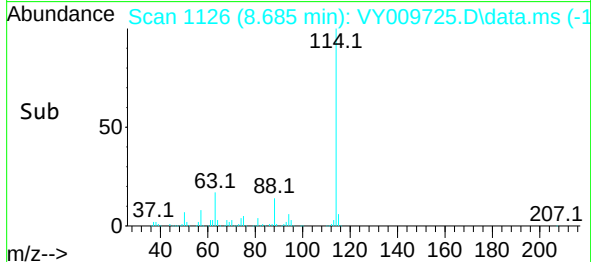
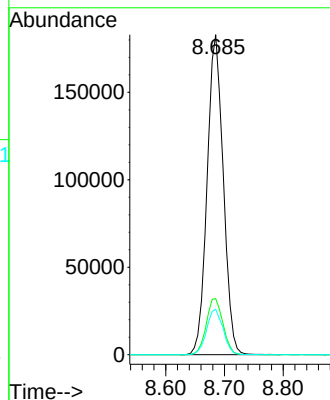
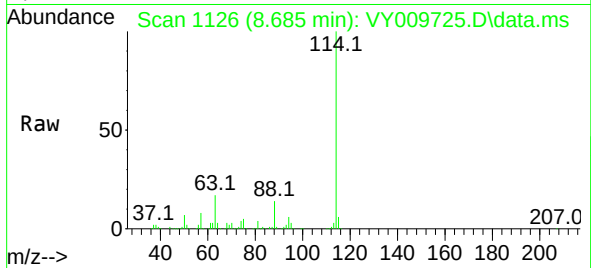




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

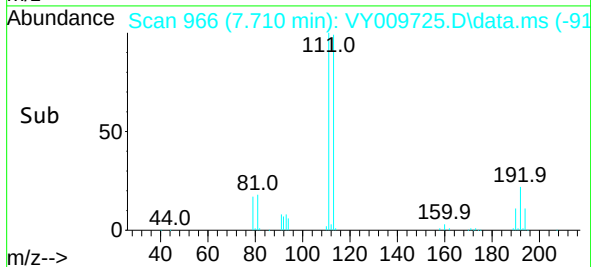
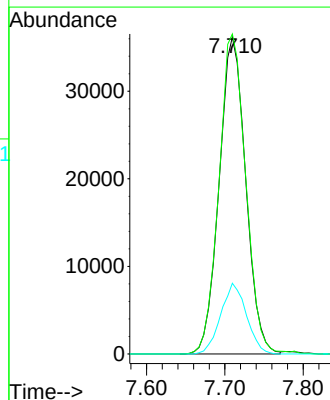
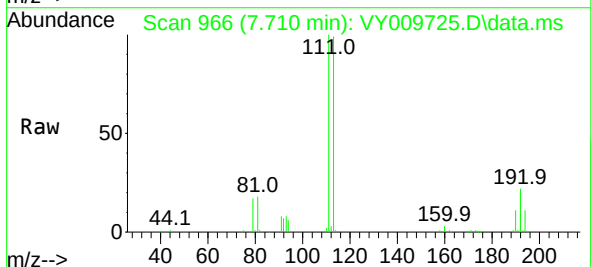
Instrument :
MSVOA_Y
ClientSampleId :
RVE-60

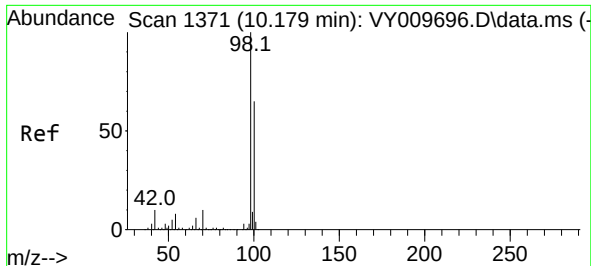
Tgt Ion:114 Resp: 349085
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 14.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.835 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

Tgt Ion:113 Resp: 85122
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 21.6 17.6 26.4

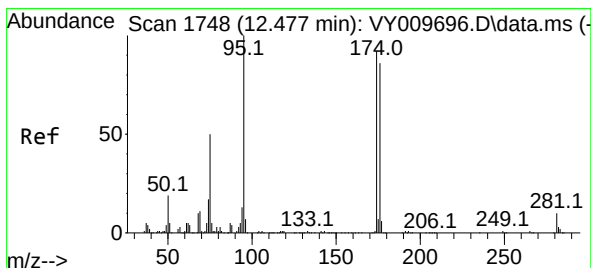
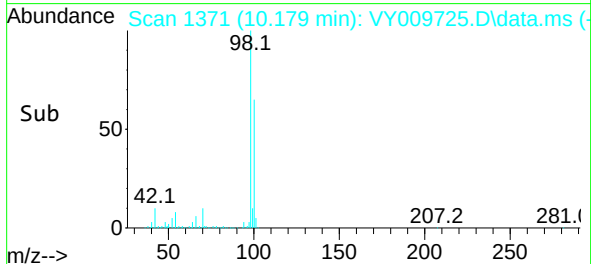
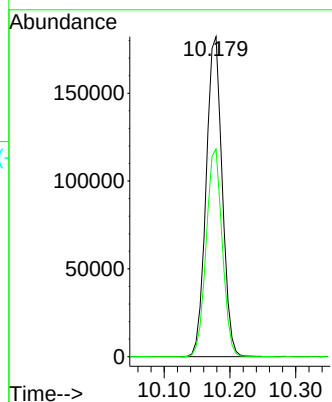
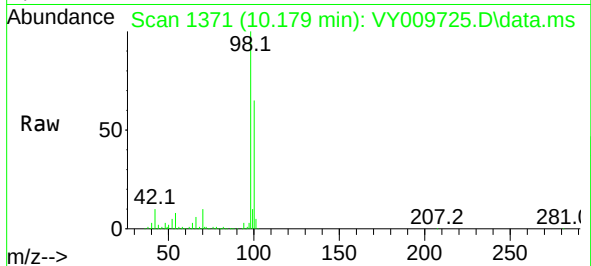




#50
Toluene-d8
Concen: 56.524 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

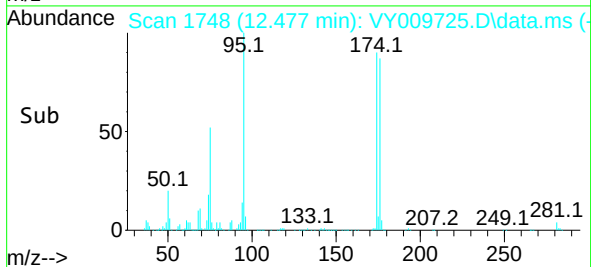
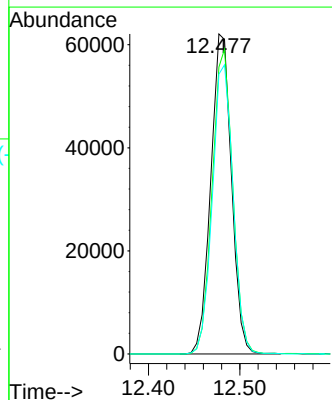
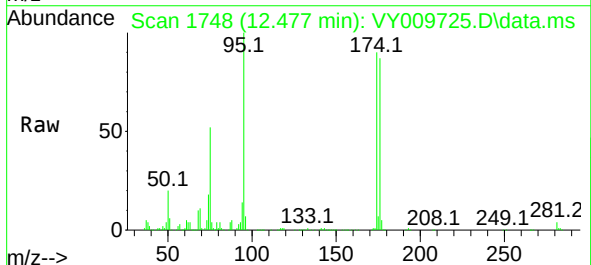
Instrument :
MSVOA_Y
ClientSampleId :
RVE-60

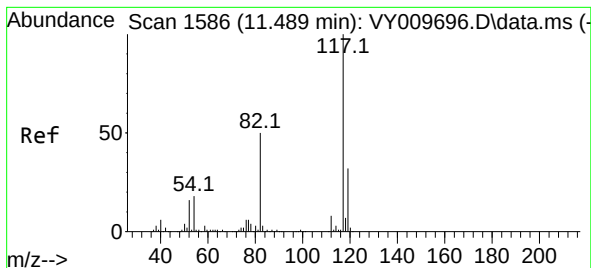
Tgt Ion: 98 Resp: 309482
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.693 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

Tgt Ion: 95 Resp: 97410
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 90.8 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: VY009725.D

Acq: 27 Jul 2022 15:28

Instrument :

MSVOA_Y

ClientSampleId :

RVE-60

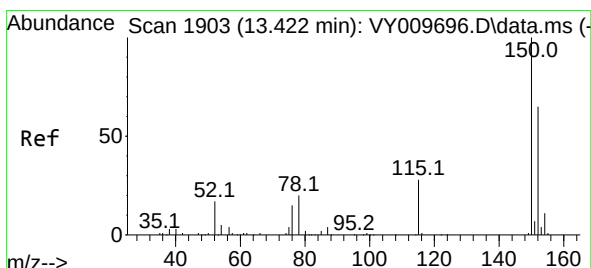
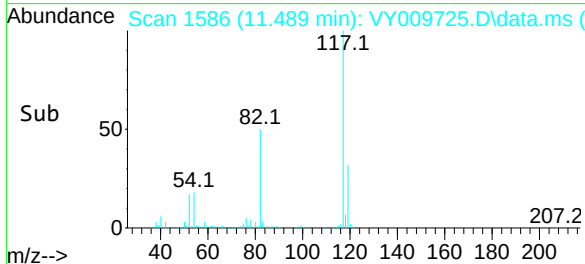
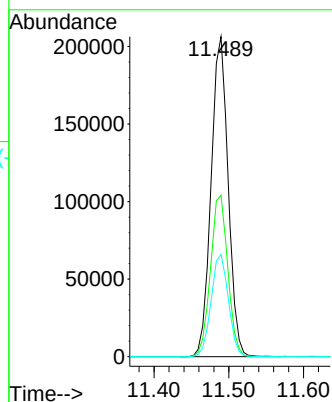
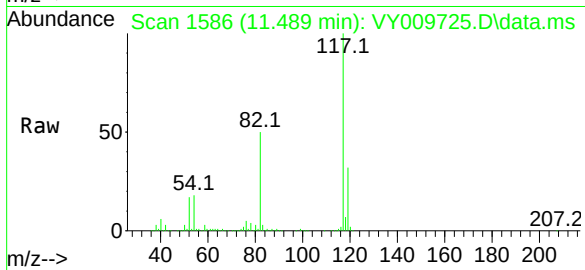
Tgt Ion:117 Resp: 326452

Ion Ratio Lower Upper

117 100

82 50.4 43.0 64.4

119 32.0 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: VY009725.D

Acq: 27 Jul 2022 15:28

Tgt Ion:152 Resp: 149688

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 156.5 0.0 347.6

