

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009732.D
 Acq On : 27 Jul 2022 18:13
 Operator : KP/MD
 Sample : N3893-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-4

Quant Time: Jul 28 02:46:55 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)

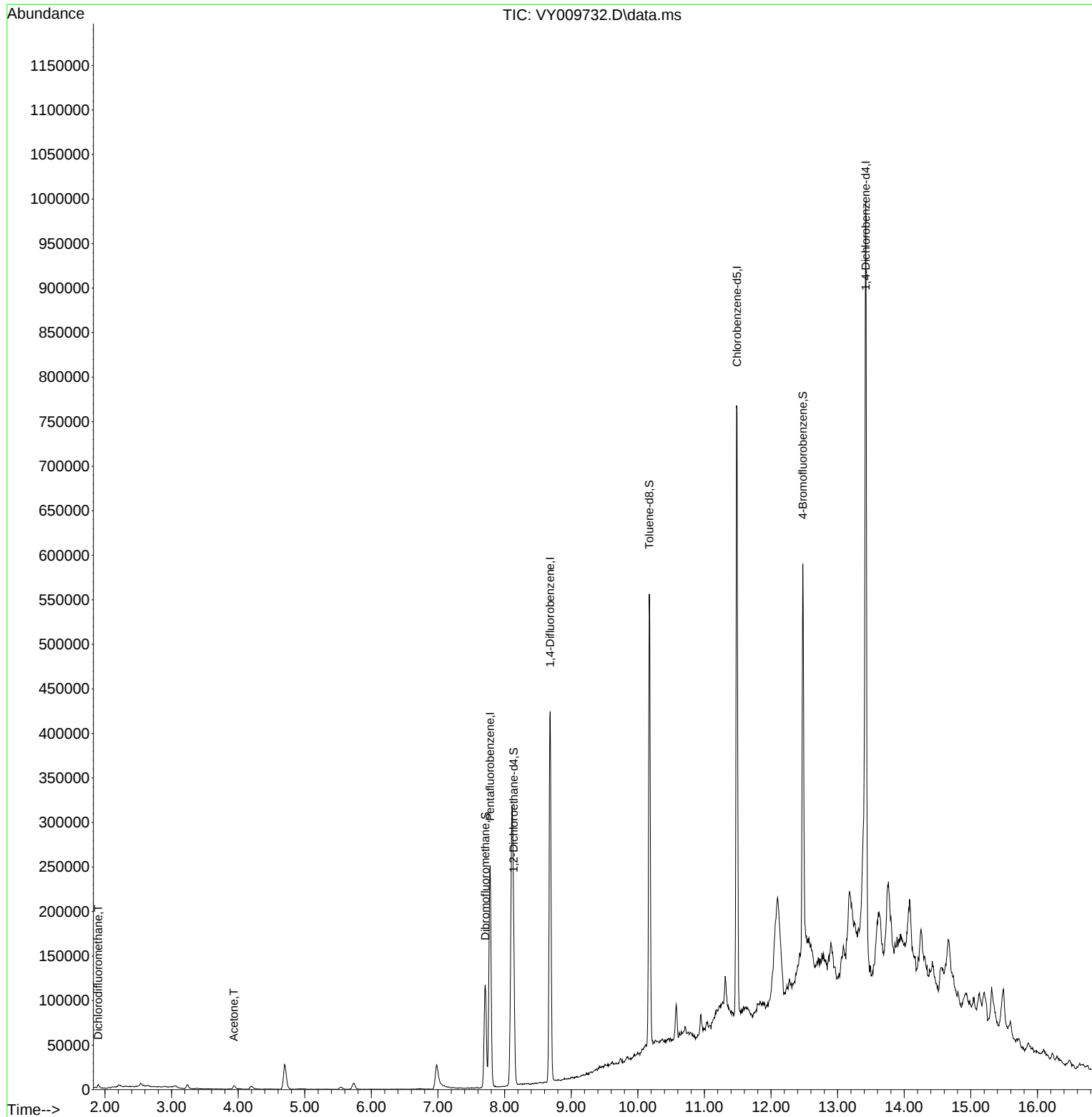
Internal Standards						
1) Pentafluorobenzene	7.783	168	209652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	377257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	397302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89191	65.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.040%
35) Dibromofluoromethane	7.710	113	82745	40.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.660%
50) Toluene-d8	10.173	98	335794	56.769	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	113.540%
62) 4-Bromofluorobenzene	12.477	95	133757	49.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	98.320%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	3192	1.710	ug/l	92
16) Acetone	3.936	43	7058	14.080	ug/l	95

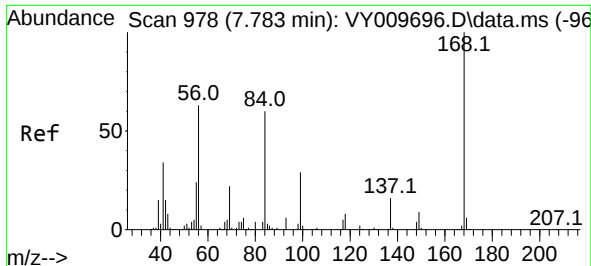
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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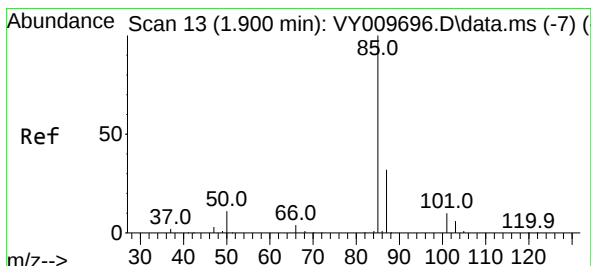
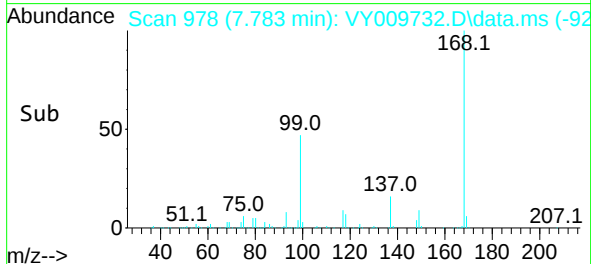
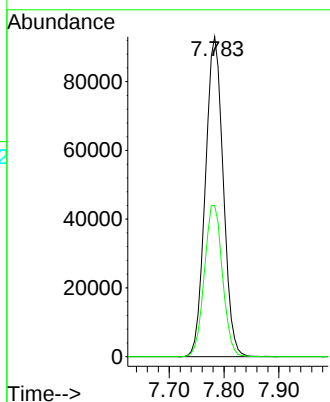
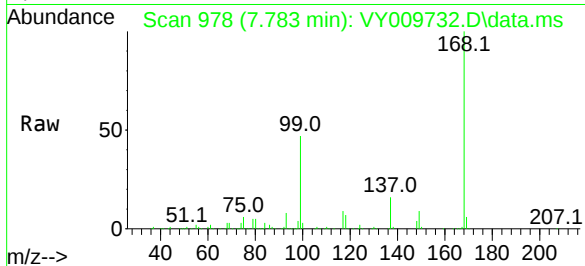




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009732.D
Acq: 27 Jul 2022 18:13

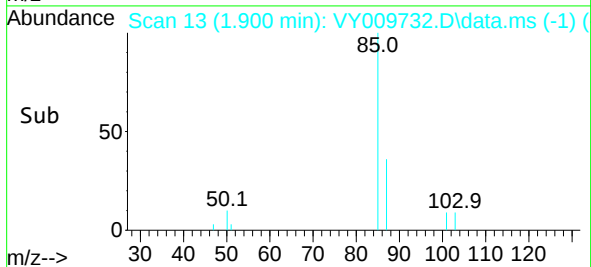
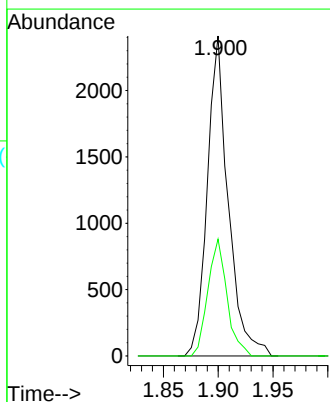
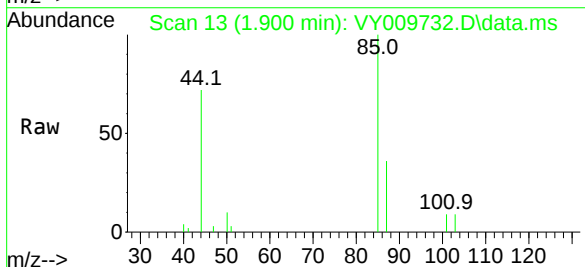
Instrument :
MSVOA_Y
ClientSampleId :
RVE-4

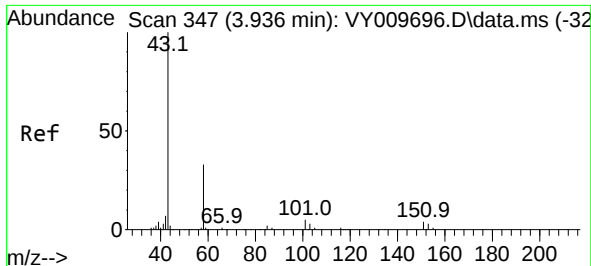
Tgt Ion:168 Resp: 209652
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.710 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009732.D
Acq: 27 Jul 2022 18:13

Tgt Ion: 85 Resp: 3192
Ion Ratio Lower Upper
85 100
87 36.5 16.1 48.2

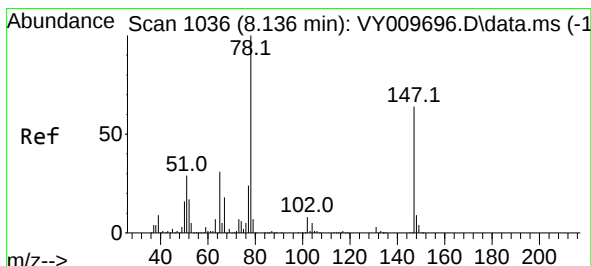
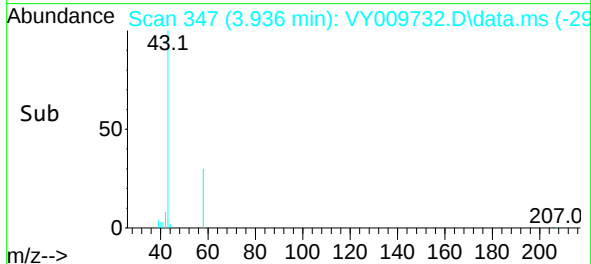
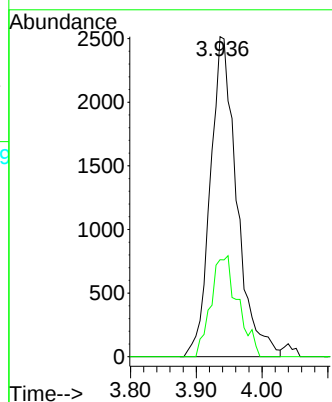
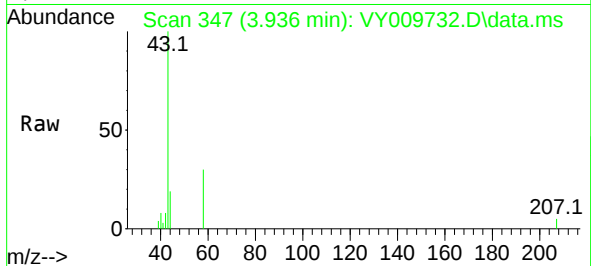




#16
Acetone
Concen: 14.080 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009732.D
Acq: 27 Jul 2022 18:13

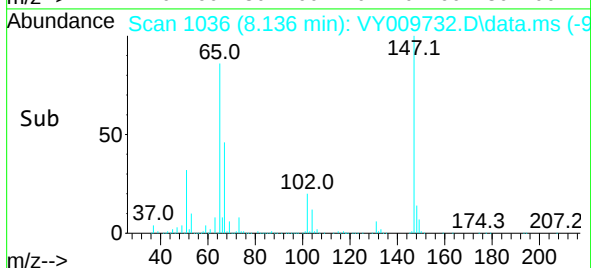
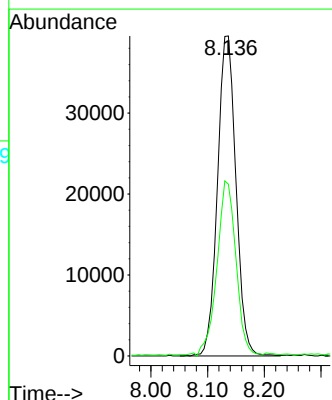
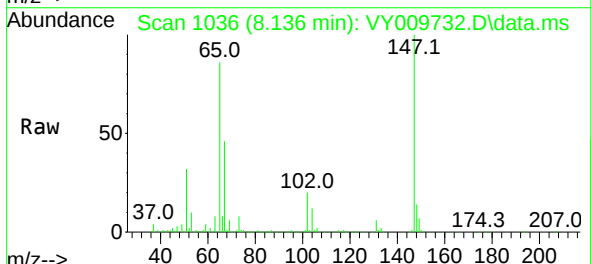
Instrument :
MSVOA_Y
ClientSampleId :
RVE-4

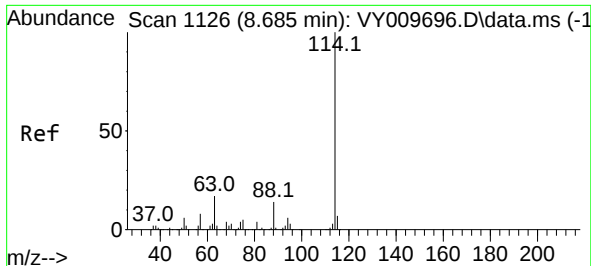
Tgt Ion: 43 Resp: 7058
Ion Ratio Lower Upper
43 100
58 30.3 22.0 33.0



#33
1,2-Dichloroethane-d4
Concen: 65.518 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009732.D
Acq: 27 Jul 2022 18:13

Tgt Ion: 65 Resp: 89191
Ion Ratio Lower Upper
65 100
67 55.3 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: VY009732.D

Acq: 27 Jul 2022 18:13

Instrument :

MSVOA_Y

ClientSampleId :

RVE-4

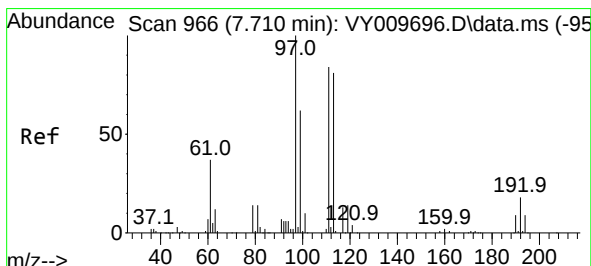
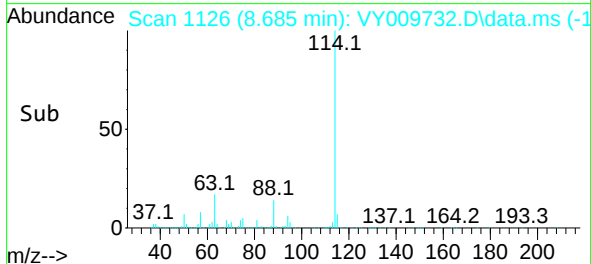
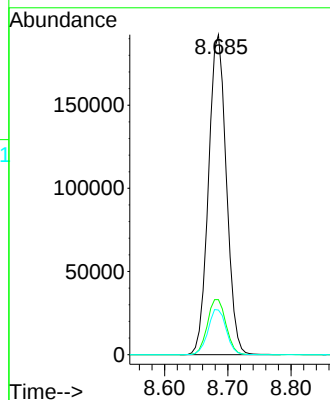
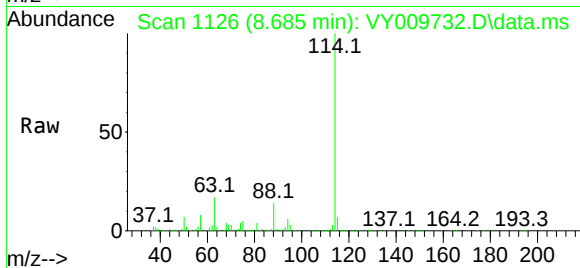
Tgt Ion:114 Resp: 377257

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.328 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009732.D

Acq: 27 Jul 2022 18:13

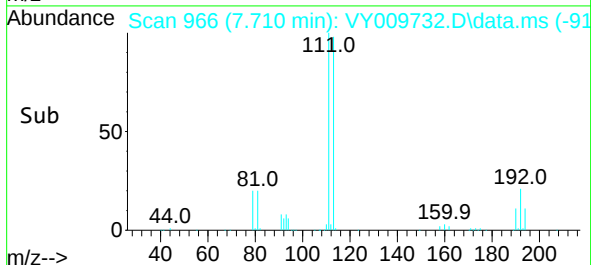
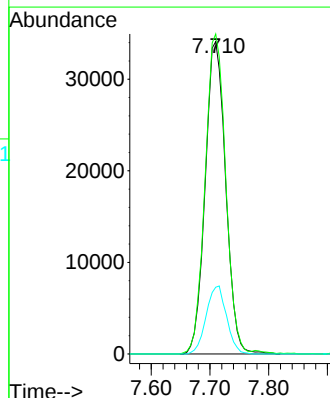
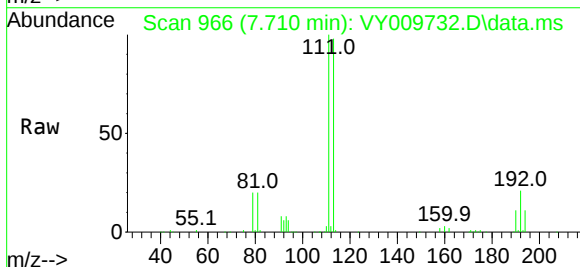
Tgt Ion:113 Resp: 82745

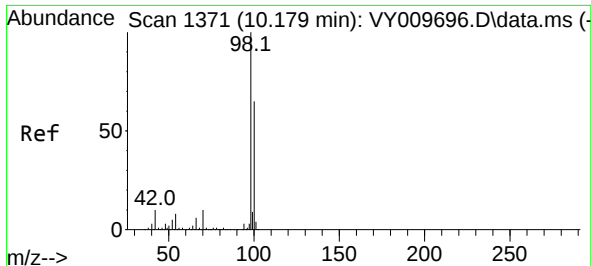
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 21.5 17.6 26.4

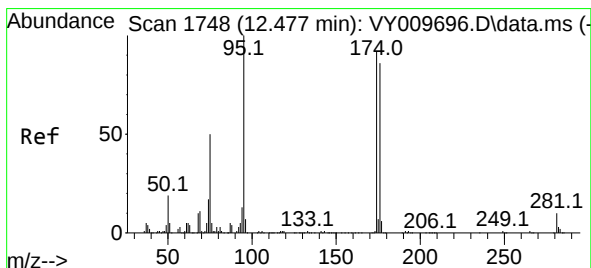
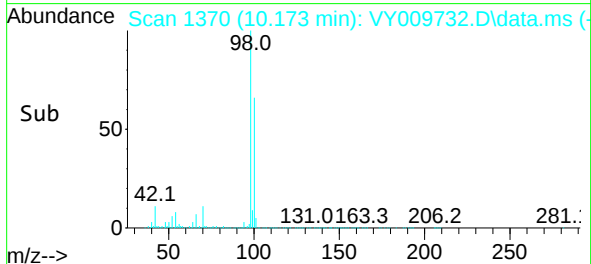
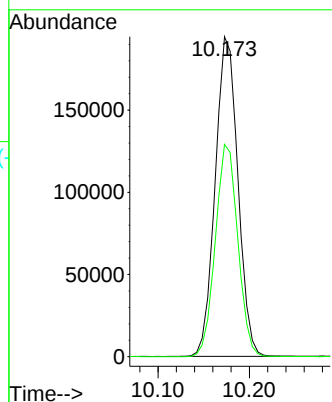
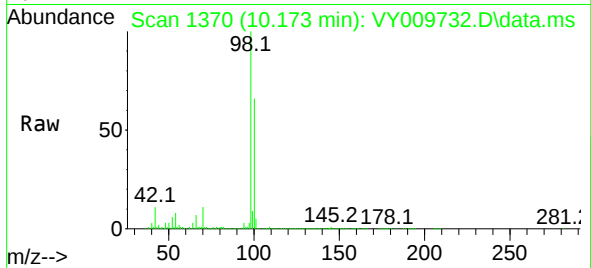




#50
Toluene-d8
Concen: 56.769 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009732.D
Acq: 27 Jul 2022 18:13

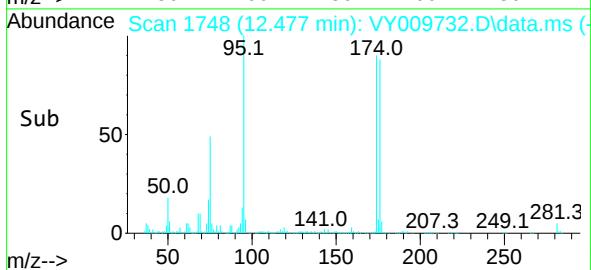
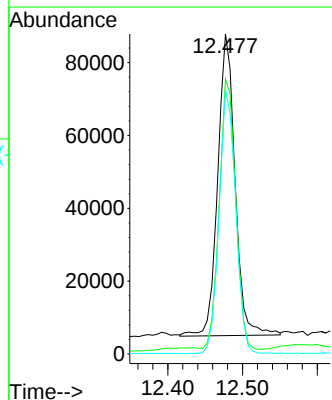
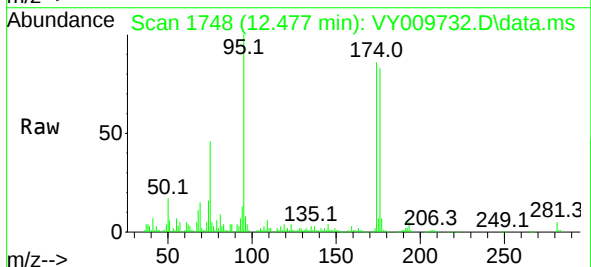
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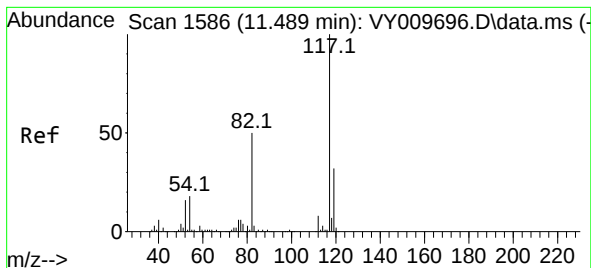
Tgt Ion: 98 Resp: 335794
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.164 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009732.D
Acq: 27 Jul 2022 18:13

Tgt Ion: 95 Resp: 133757
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 83.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009732.D

Acq: 27 Jul 2022 18:13

Instrument :

MSVOA_Y

ClientSampleId :

RVE-4

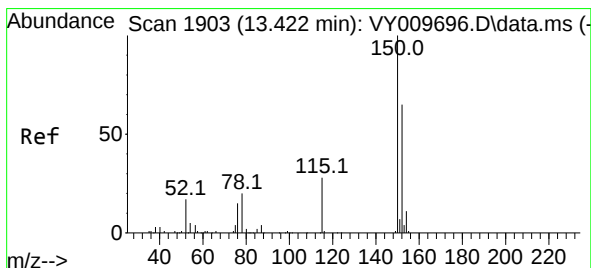
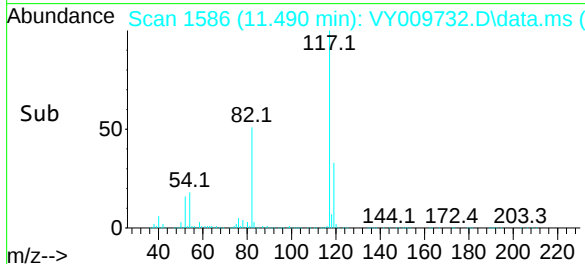
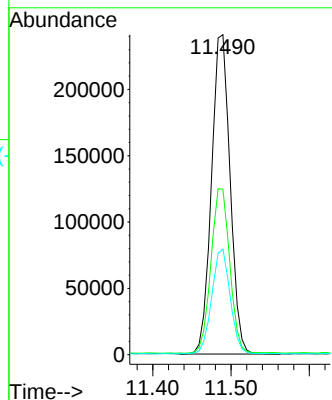
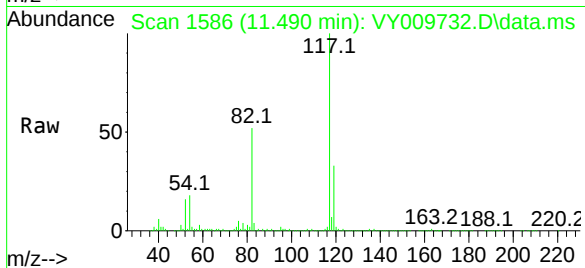
Tgt Ion:117 Resp: 397302

Ion Ratio Lower Upper

117 100

82 51.3 43.0 64.4

119 32.8 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: VY009732.D

Acq: 27 Jul 2022 18:13

Tgt Ion:152 Resp: 212230

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 153.3 0.0 347.6

