

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009744.D
 Acq On : 28 Jul 2022 12:30
 Operator : KP/MD
 Sample : N3894-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-20

Quant Time: Jul 29 02:55:51 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)

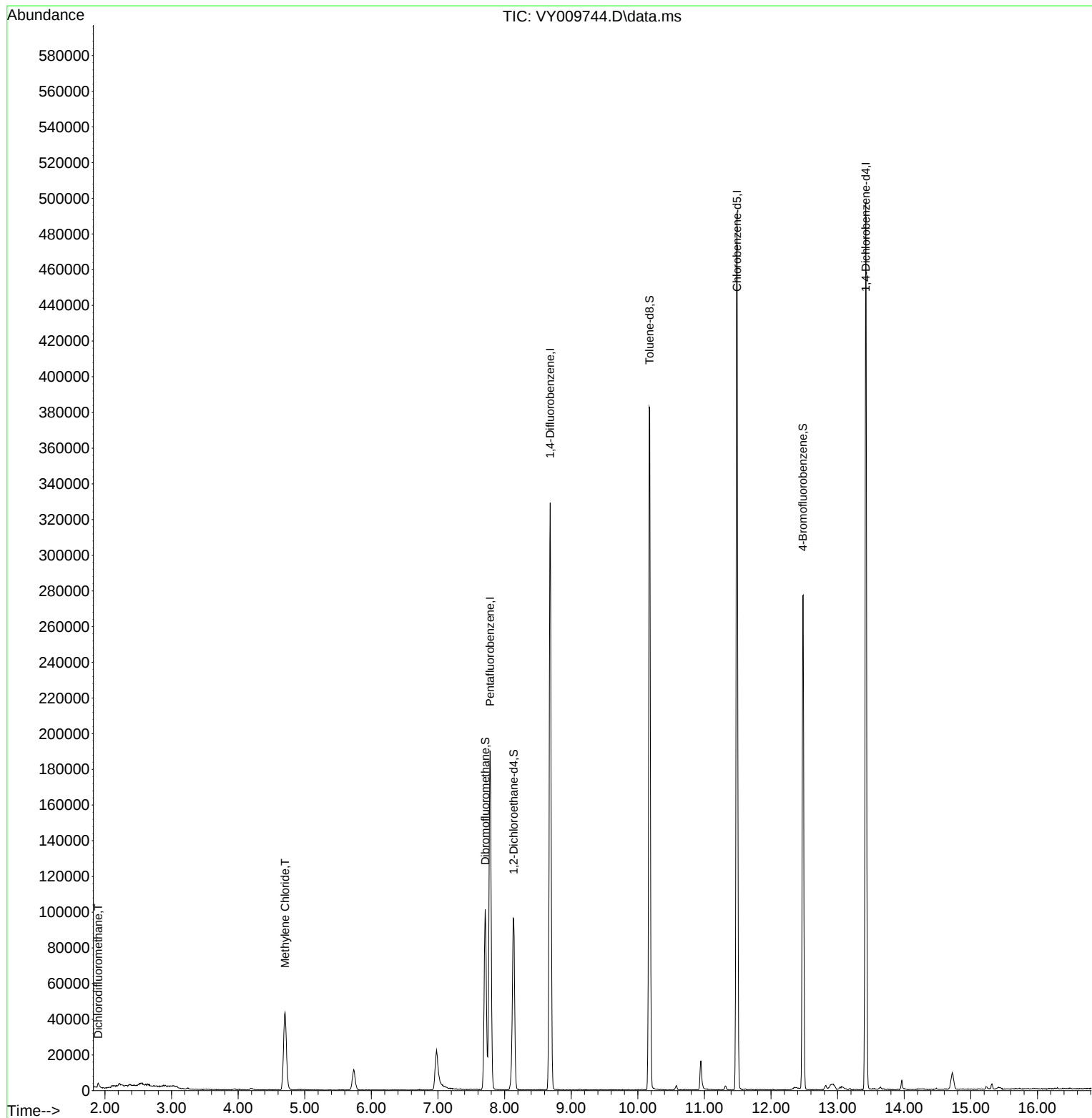
Internal Standards						
1) Pentafluorobenzene	7.783	168	157061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	277970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73533	72.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.360%
35) Dibromofluoromethane	7.710	113	70629	45.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.540%
50) Toluene-d8	10.179	98	254913	57.346	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	114.700%
62) 4-Bromofluorobenzene	12.477	95	80749	39.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	78.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	2106	1.506	ug/l	96
20) Methylene Chloride	4.704	84	33851	11.279	ug/l	84

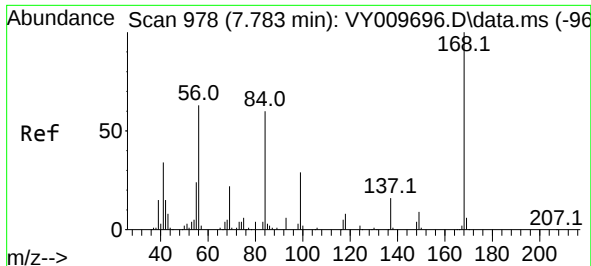
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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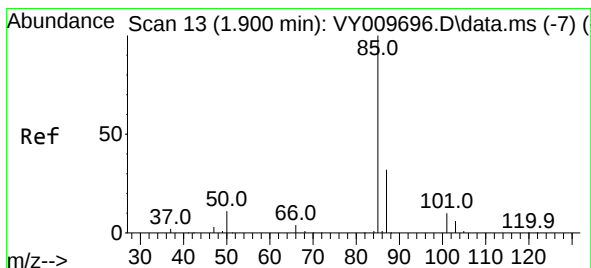
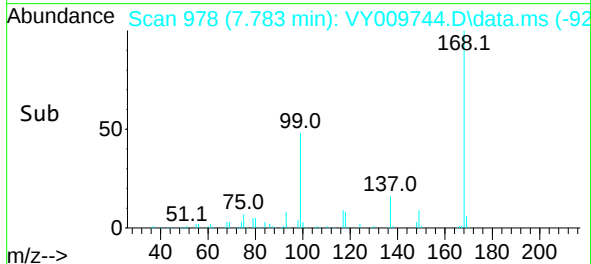
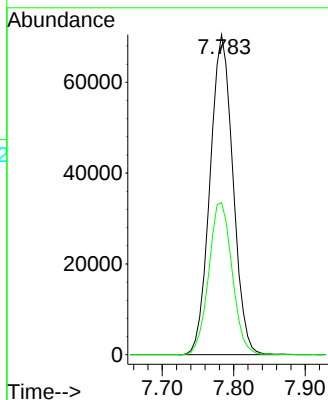
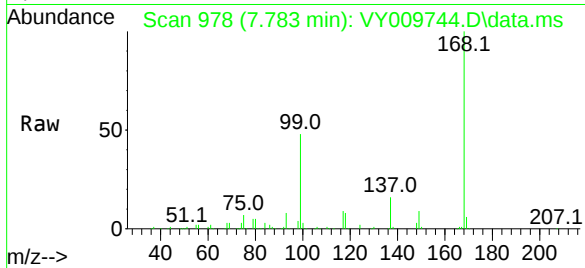




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

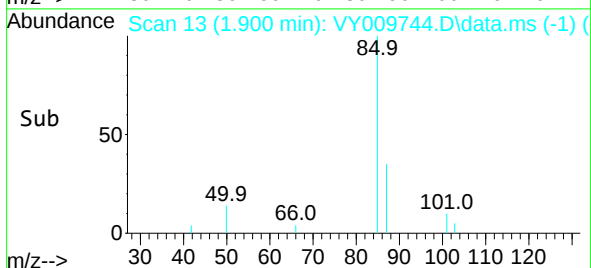
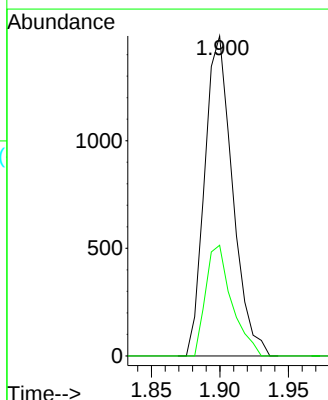
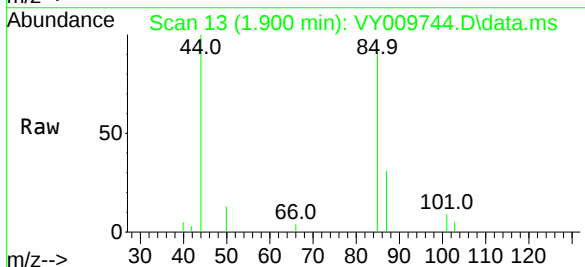
Instrument :
MSVOA_Y
ClientSampleId :
RVE-20

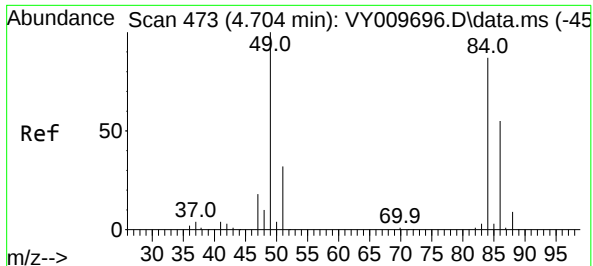
Tgt Ion:168 Resp: 157061
Ion Ratio Lower Upper
168 100
99 47.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.506 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

Tgt Ion: 85 Resp: 2106
Ion Ratio Lower Upper
85 100
87 34.6 16.1 48.2





#20

Methylene Chloride

Concen: 11.279 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009744.D

Acq: 28 Jul 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

RVE-20

Tgt Ion: 84 Resp: 33851

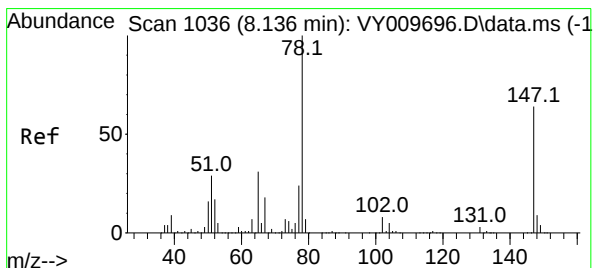
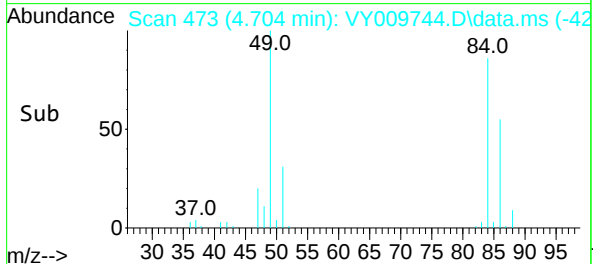
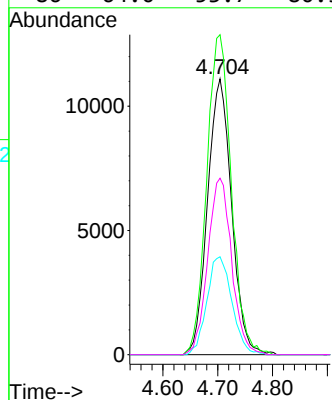
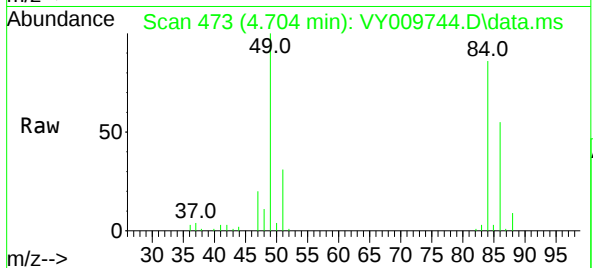
Ion Ratio Lower Upper

84 100

49 116.0 114.4 171.6

51 35.5 35.3 52.9

86 64.0 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 72.681 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009744.D

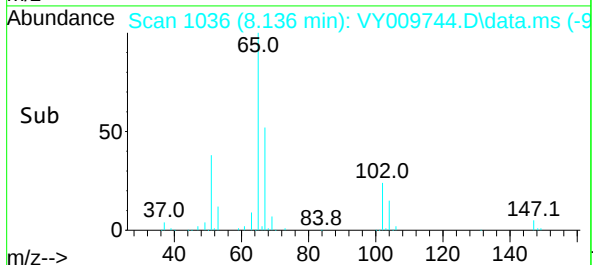
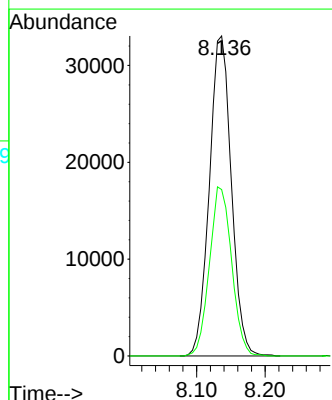
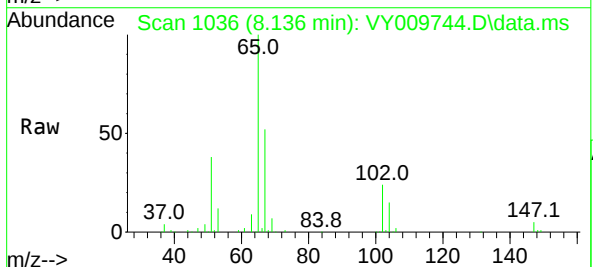
Acq: 28 Jul 2022 12:30

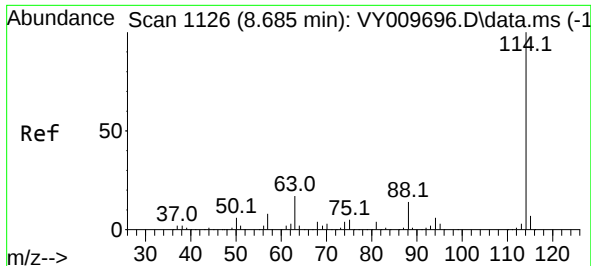
Tgt Ion: 65 Resp: 73533

Ion Ratio Lower Upper

65 100

67 53.4 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: VY009744.D

Acq: 28 Jul 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

RVE-20

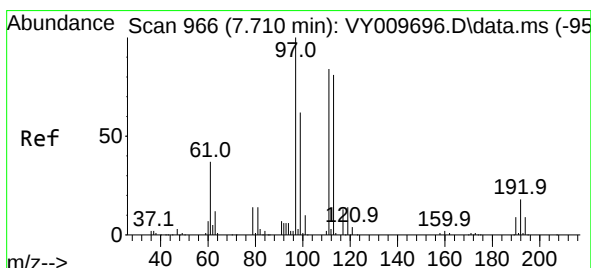
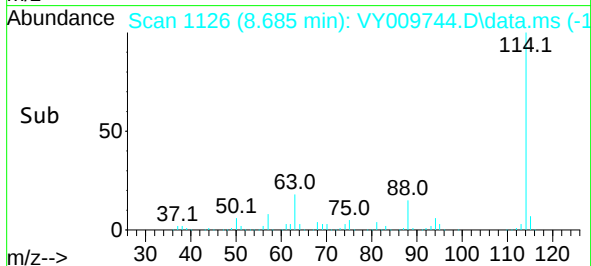
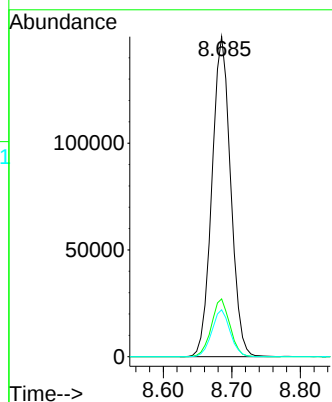
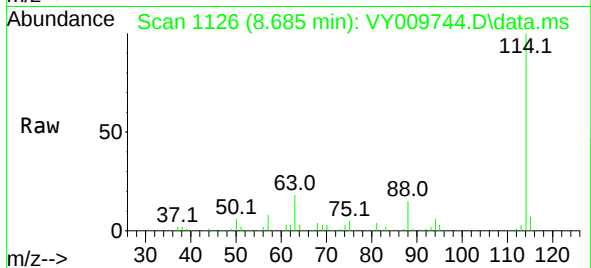
Tgt Ion:114 Resp: 283719

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.772 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009744.D

Acq: 28 Jul 2022 12:30

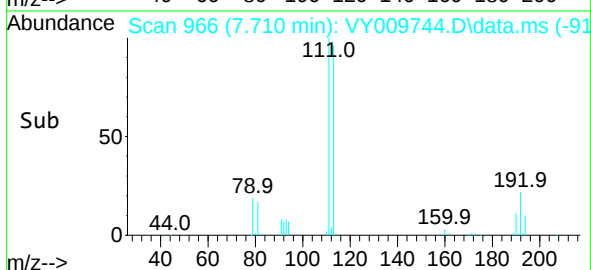
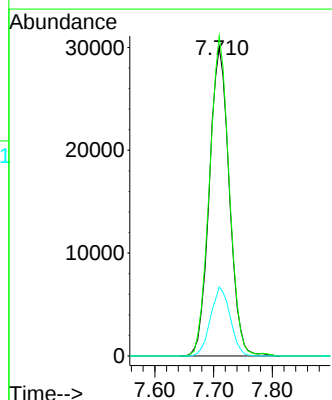
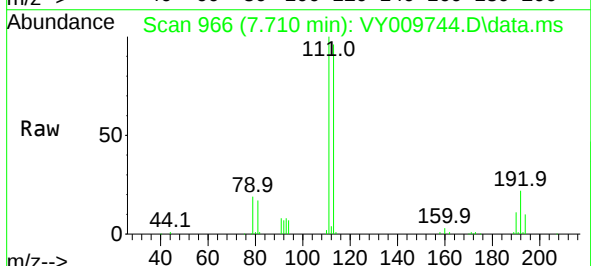
Tgt Ion:113 Resp: 70629

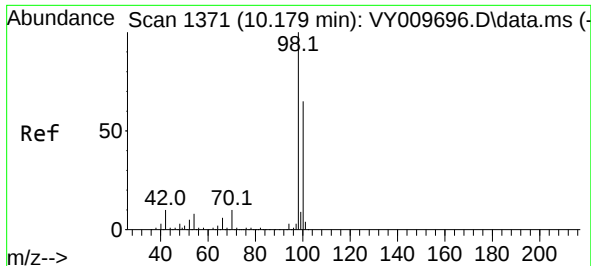
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 21.9 17.6 26.4

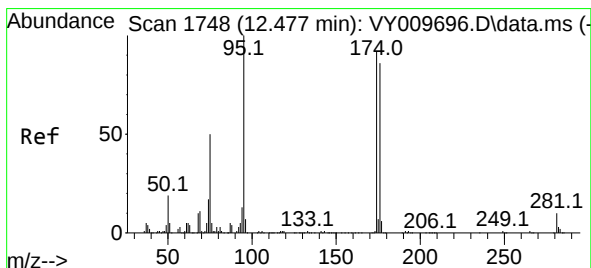
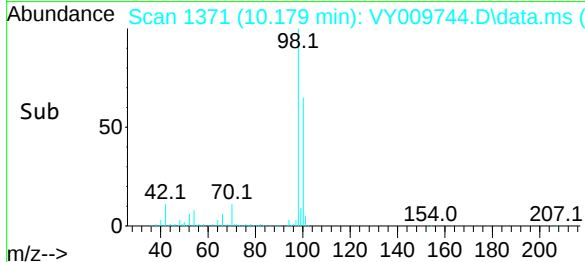
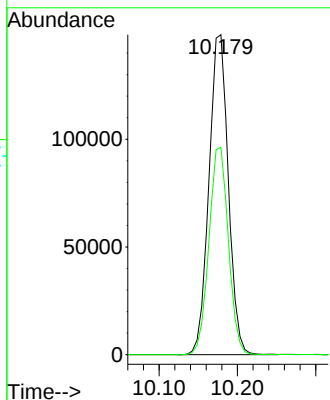
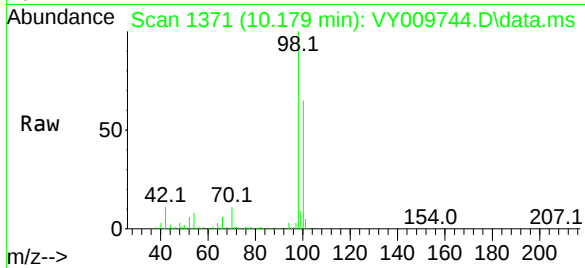




#50
Toluene-d8
Concen: 57.346 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

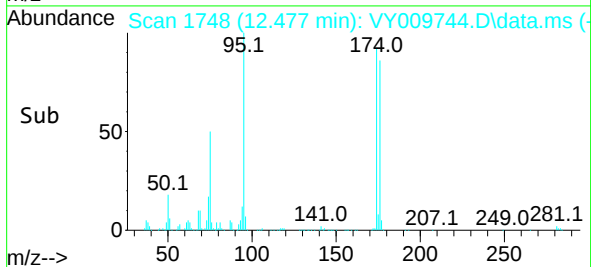
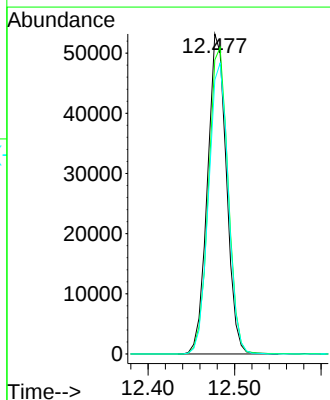
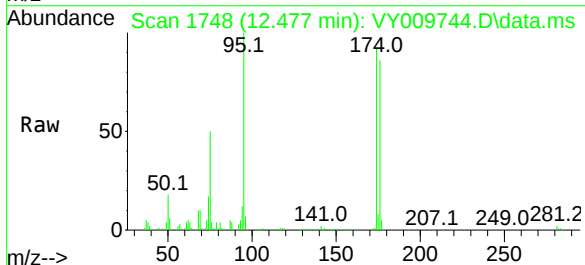
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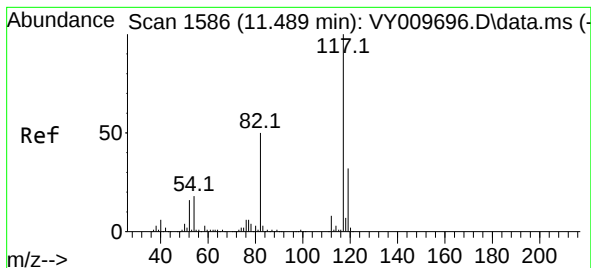
Tgt Ion: 98 Resp: 254913
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.465 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

Tgt Ion: 95 Resp: 80749
Ion Ratio Lower Upper
95 100
174 98.9 0.0 177.0
176 94.4 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: VY009744.D

Acq: 28 Jul 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

RVE-20

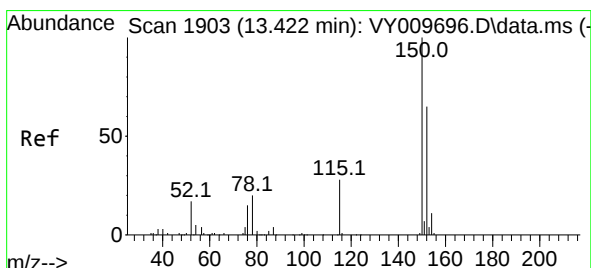
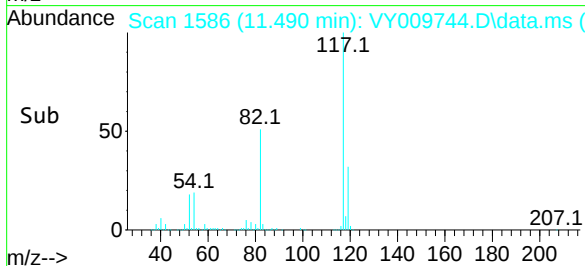
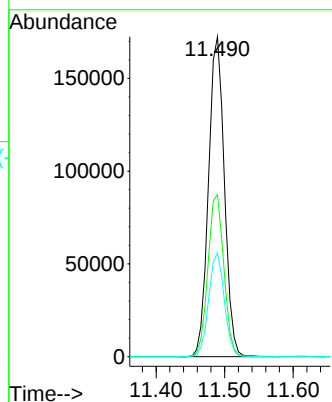
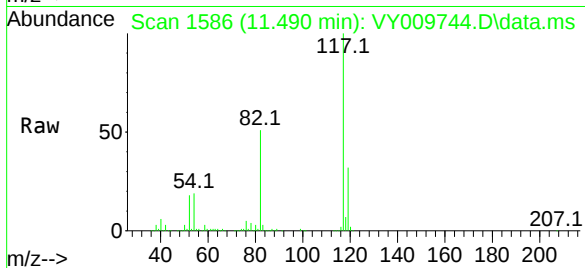
Tgt Ion:117 Resp: 277970

Ion Ratio Lower Upper

117 100

82 50.7 43.0 64.4

119 32.4 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: VY009744.D

Acq: 28 Jul 2022 12:30

Tgt Ion:152 Resp: 132880

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 156.2 0.0 347.6

