

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007698.D
 Acq On : 03 Mar 2022 12:48
 Operator : SY/MD
 Sample : N1726-01
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 279

Quant Time: Mar 04 00:40:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

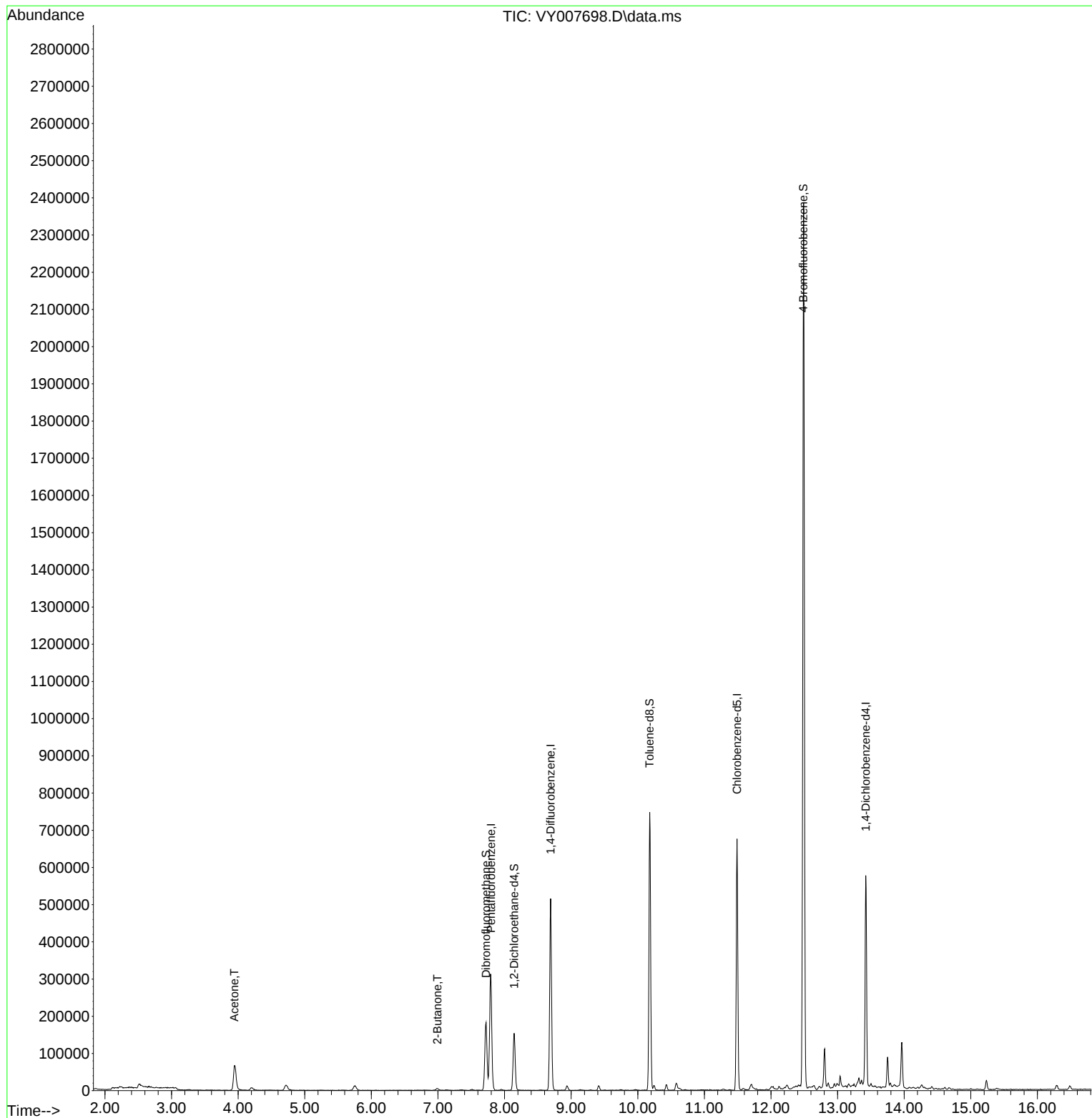
Internal Standards						
1) Pentafluorobenzene	7.795	168	244025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	412535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	356759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116427	45.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.140%
35) Dibromofluoromethane	7.722	113	123702	46.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.800%
50) Toluene-d8	10.179	98	497901	51.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.483	95	142212	45.442	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.880%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	119611	230.154	ug/l #	89
25) 2-Butanone	6.990	43	7670	8.798	ug/l #	90

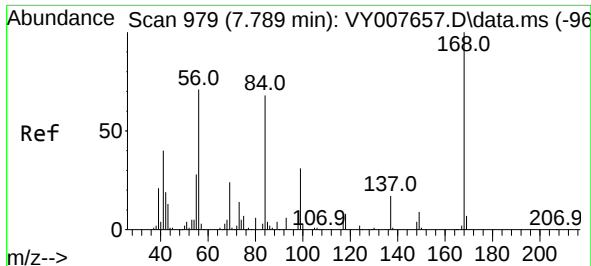
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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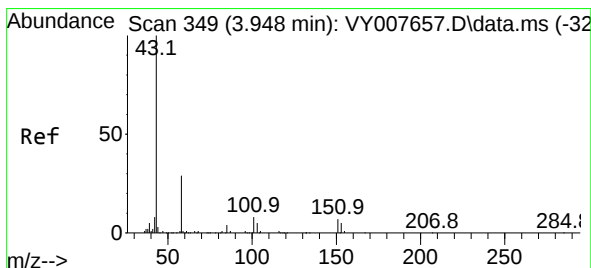
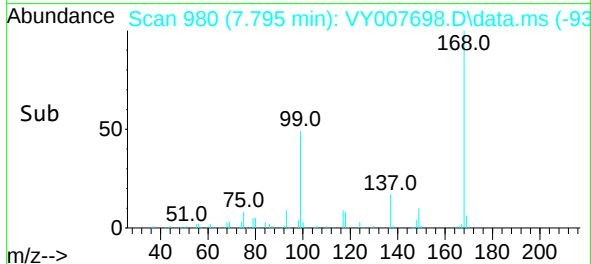
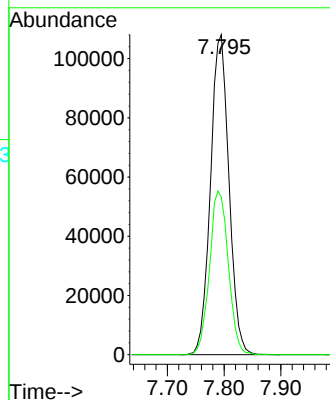
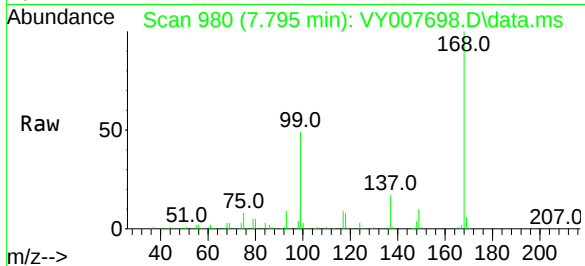




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

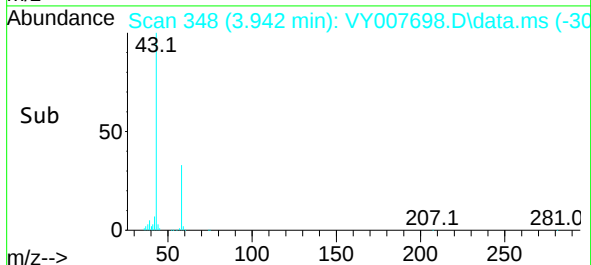
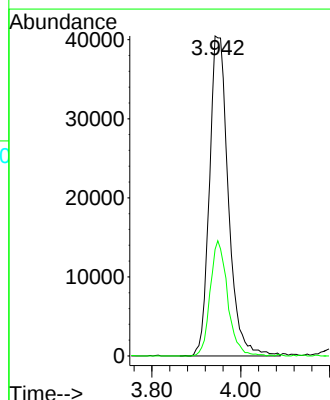
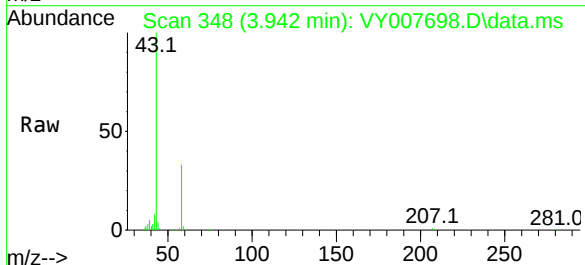
Instrument :
MSVOA_Y
ClientSampleId :
279

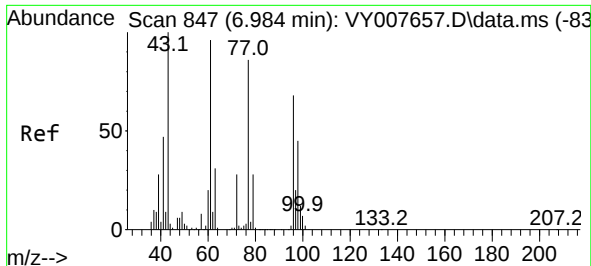
Tgt Ion:168 Resp: 244025
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#16
Acetone
Concen: 230.154 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

Tgt Ion: 43 Resp: 119611
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#

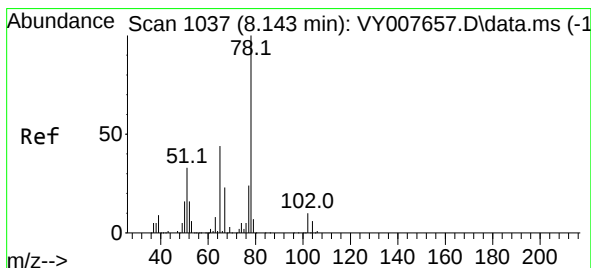
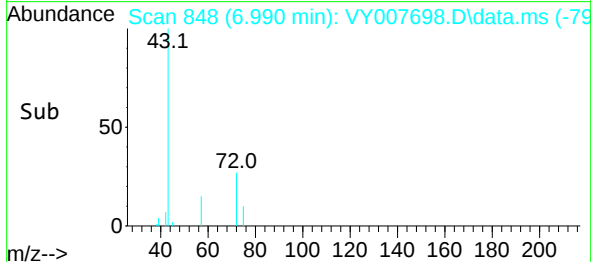
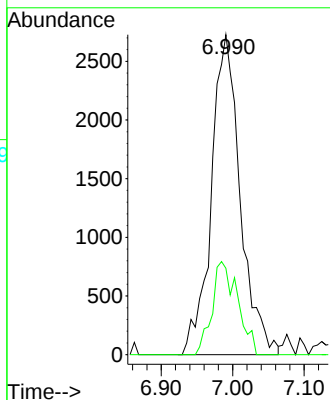
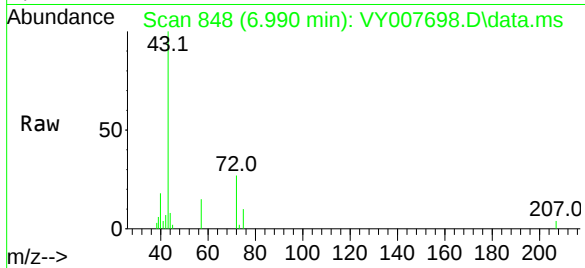




#25
2-Butanone
Concen: 8.798 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

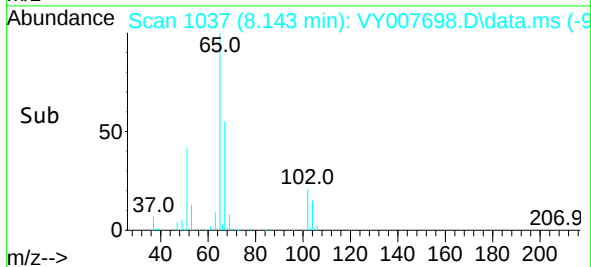
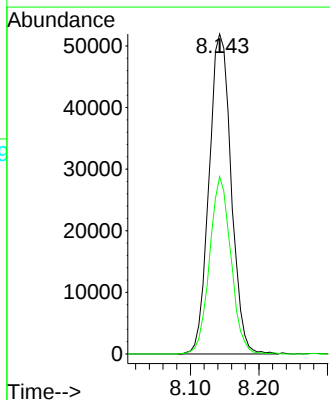
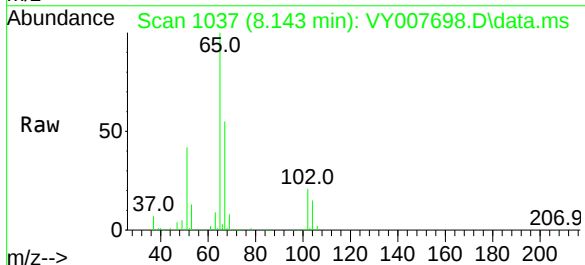
Instrument :
MSVOA_Y
ClientSampleId :
279

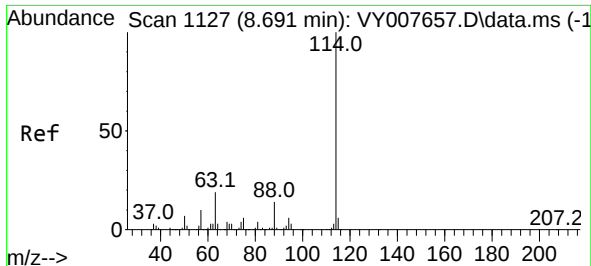
Tgt Ion: 43 Resp: 7670
Ion Ratio Lower Upper
43 100
72 27.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 45.573 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

Tgt Ion: 65 Resp: 116427
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007698.D

Acq: 03 Mar 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

279

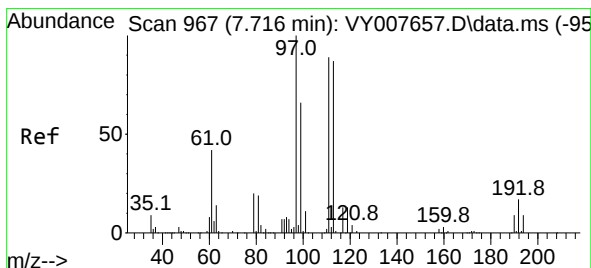
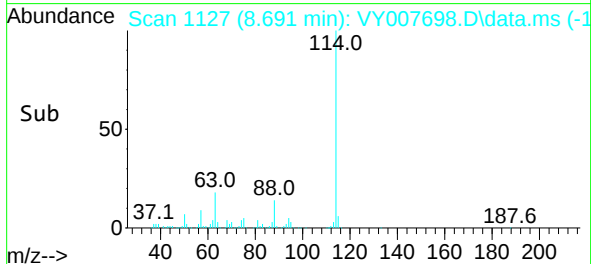
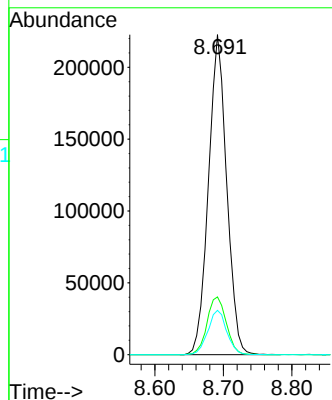
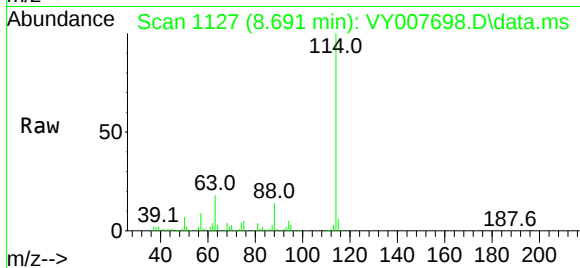
Tgt Ion:114 Resp: 412535

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.902 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007698.D

Acq: 03 Mar 2022 12:48

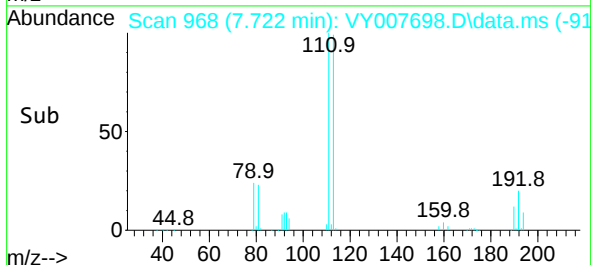
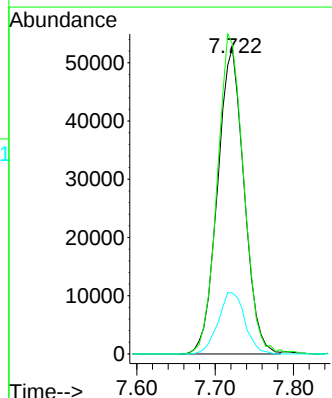
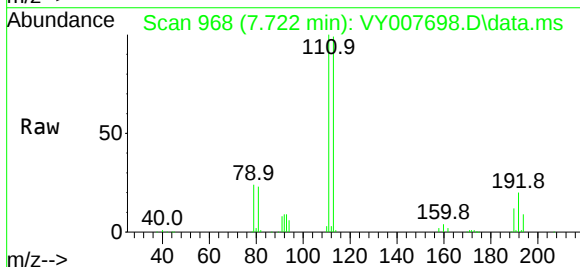
Tgt Ion:113 Resp: 123702

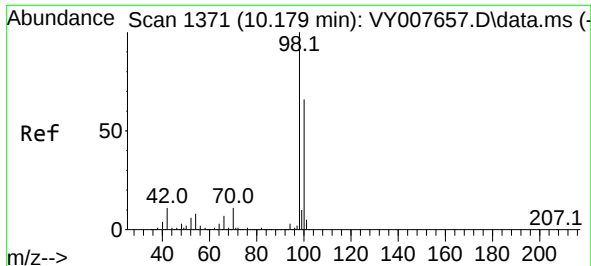
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 20.2 17.6 26.4

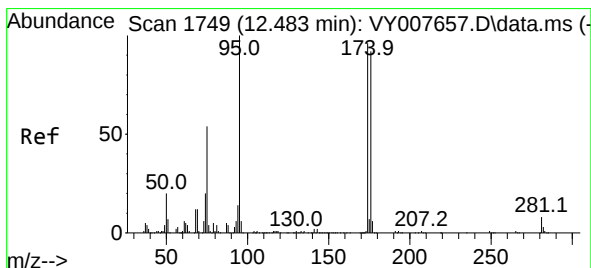
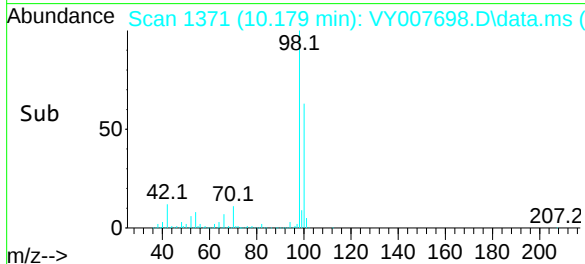
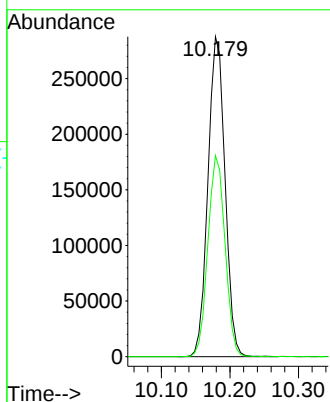
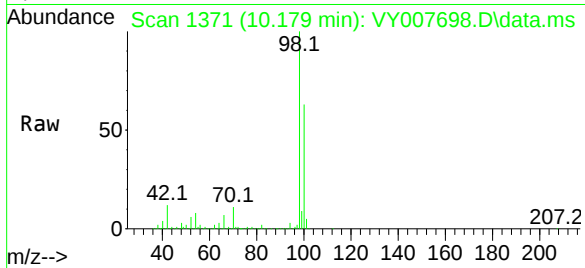




#50
Toluene-d8
Concen: 51.284 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

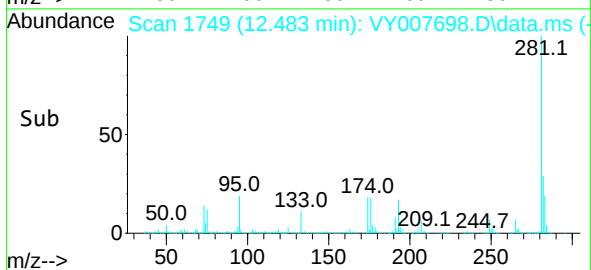
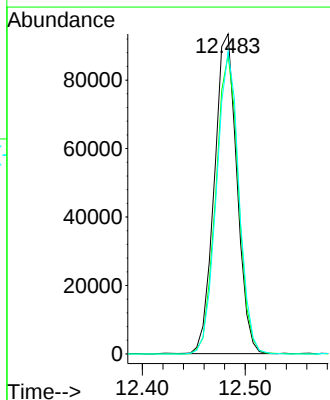
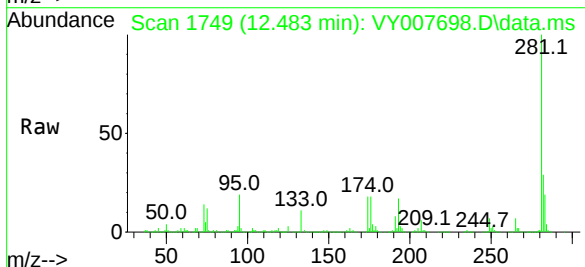
Instrument :
MSVOA_Y
ClientSampleId :
279

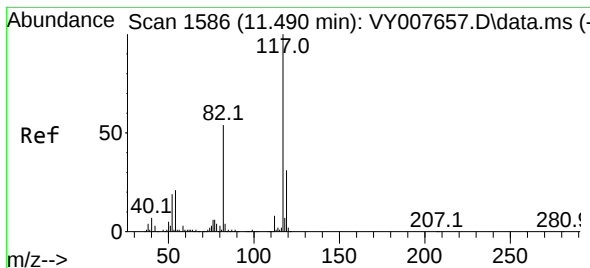
Tgt Ion: 98 Resp: 497901
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.442 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007698.D
Acq: 03 Mar 2022 12:48

Tgt Ion: 95 Resp: 142212
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 93.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007698.D

Acq: 03 Mar 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

279

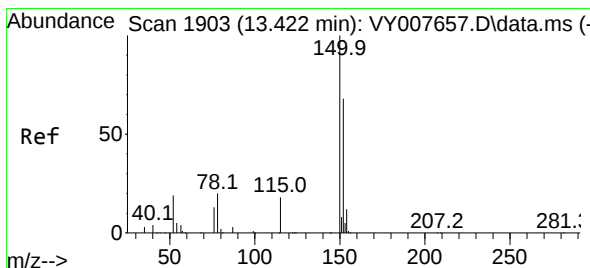
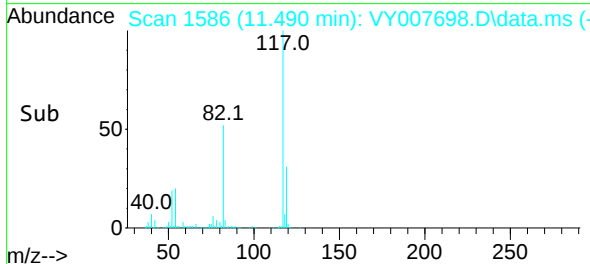
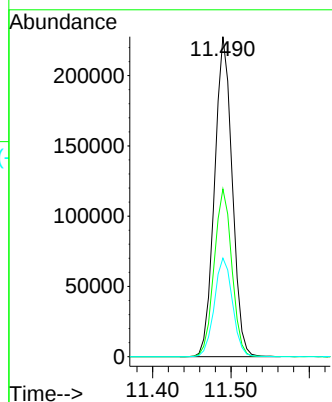
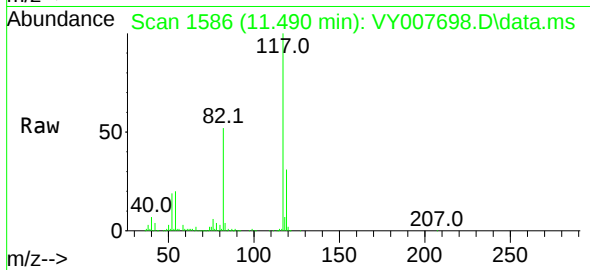
Tgt Ion:117 Resp: 356759

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 30.8 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: VY007698.D

Acq: 03 Mar 2022 12:48

Tgt Ion:152 Resp: 141391

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 158.1 0.0 347.6

