

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011291.D
 Acq On : 03 Nov 2022 16:47
 Operator : KP/MD
 Sample : N5395-06RE
 Misc : 6.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-5-103122RE

Quant Time: Nov 04 02:21:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

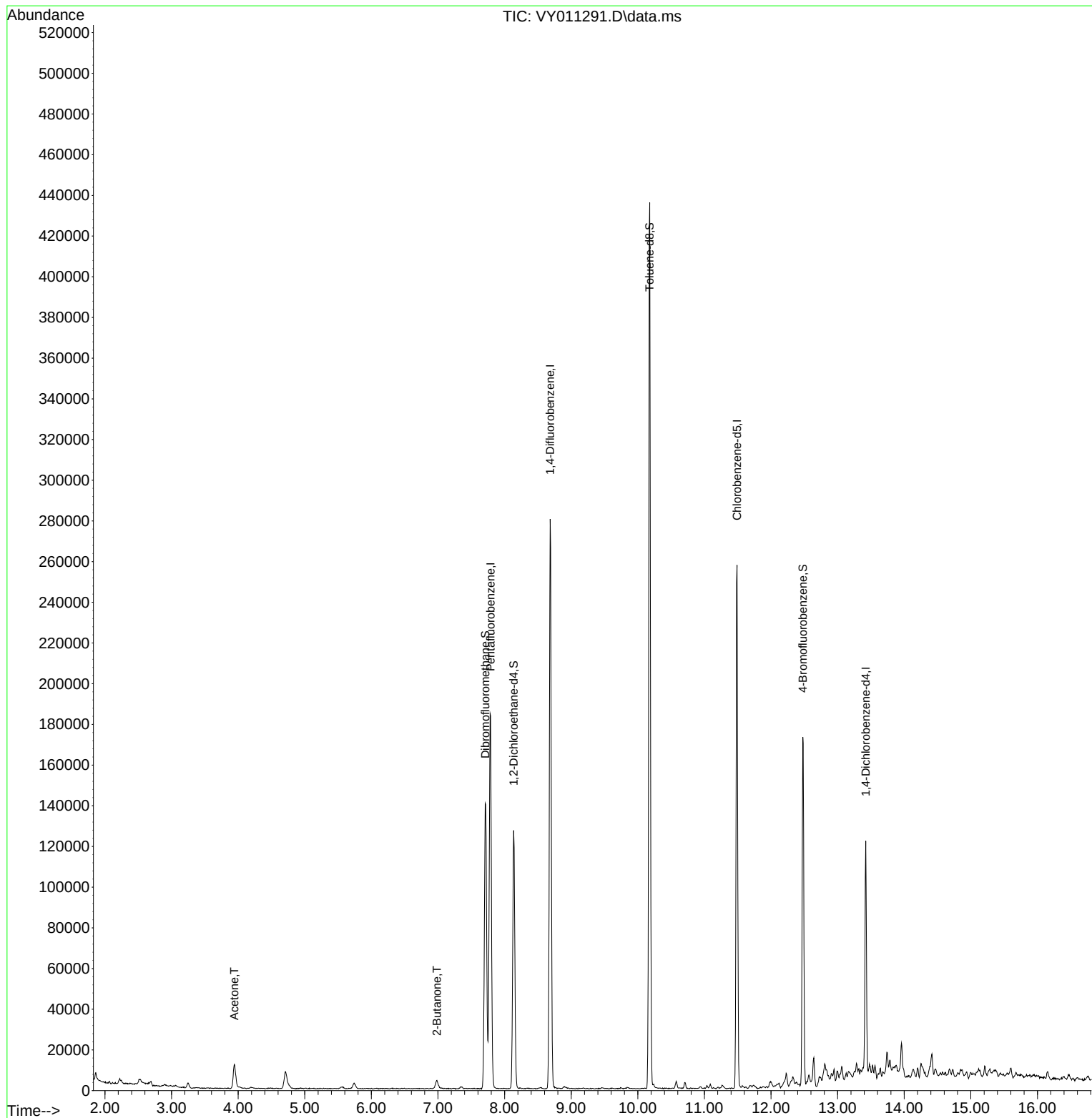
Internal Standards						
1) Pentafluorobenzene	7.789	168	145306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	145882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98859	63.614	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	127.220%	
35) Dibromofluoromethane	7.710	113	104092	65.935	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	131.860%	
50) Toluene-d8	10.179	98	296116	48.310	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	96.620%	
62) 4-Bromofluorobenzene	12.477	95	50301	23.639	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	47.280%	
Target Compounds						Qvalue
16) Acetone	3.942	43	20391	43.467	ug/l #	89
25) 2-Butanone	6.984	43	5466	8.281	ug/l #	74

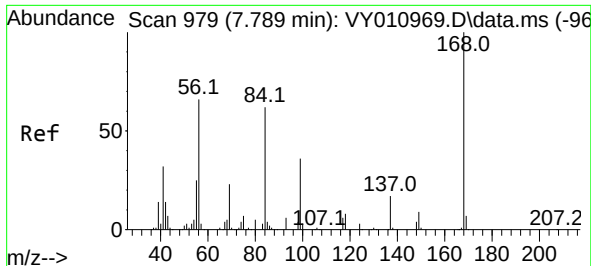
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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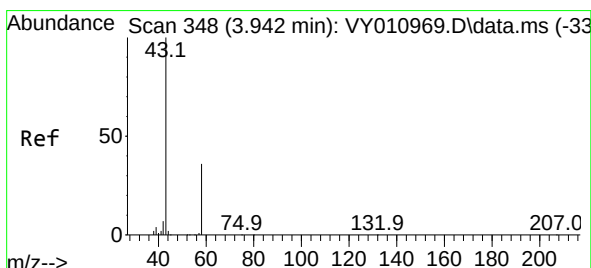
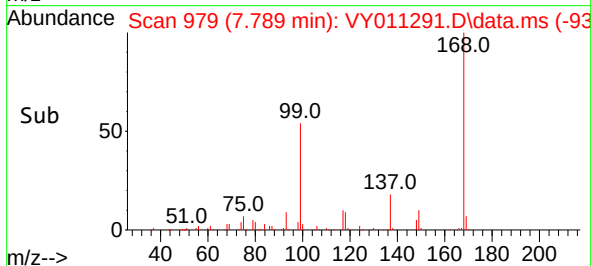
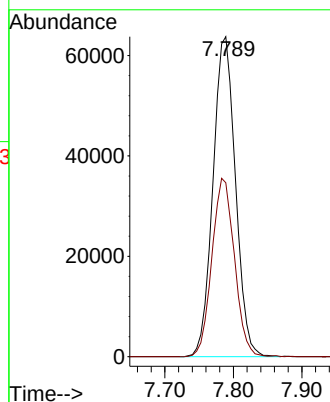
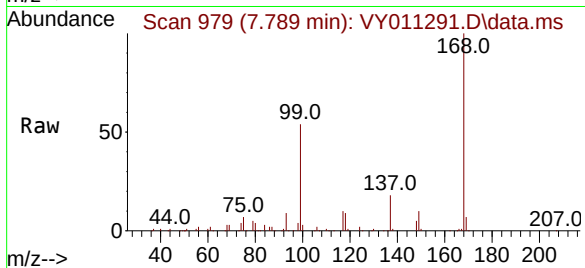




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

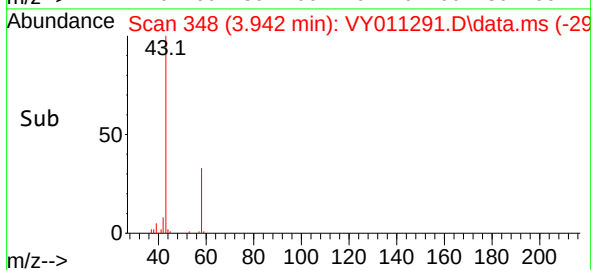
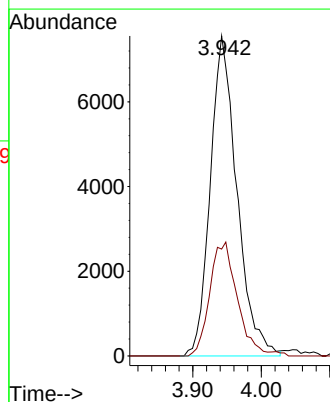
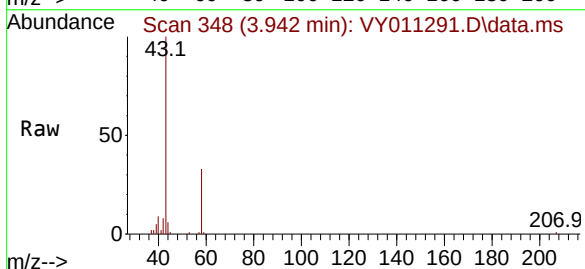
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122RE

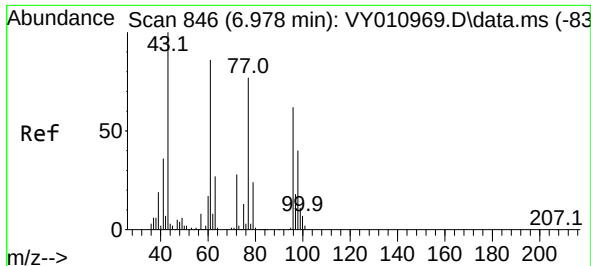
Tgt Ion:168 Resp: 145306
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#16
Acetone
Concen: 43.467 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion: 43 Resp: 20391
Ion Ratio Lower Upper
43 100
58 33.4 22.0 33.0#

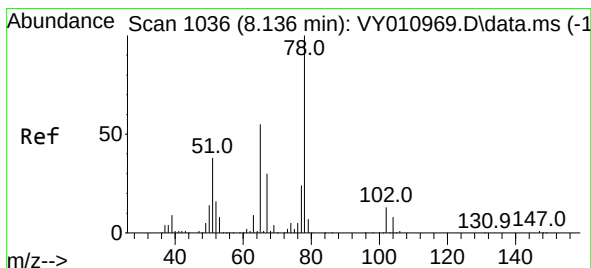
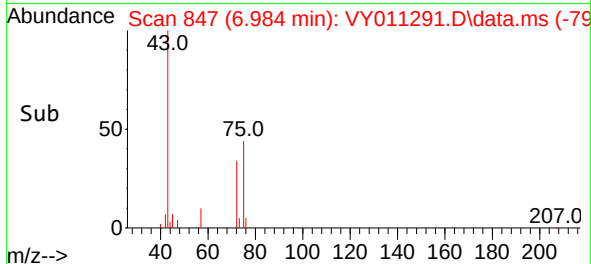
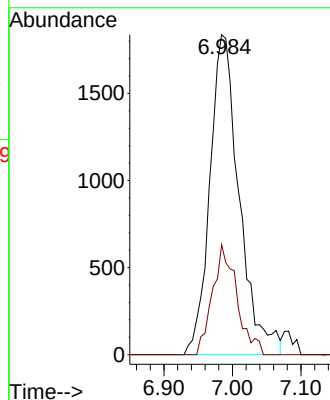
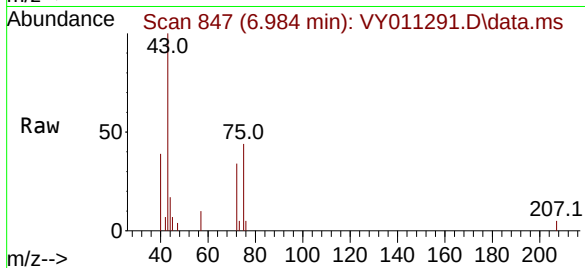




#25
2-Butanone
Concen: 8.281 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

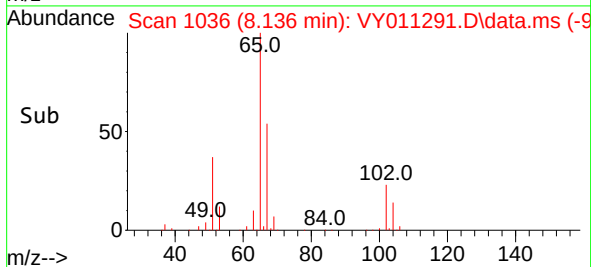
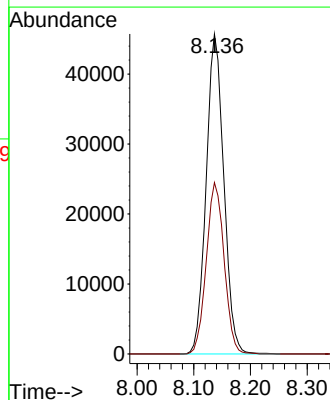
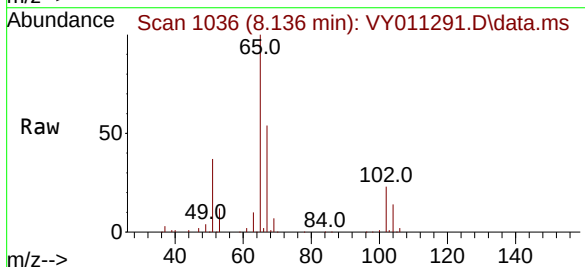
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122RE

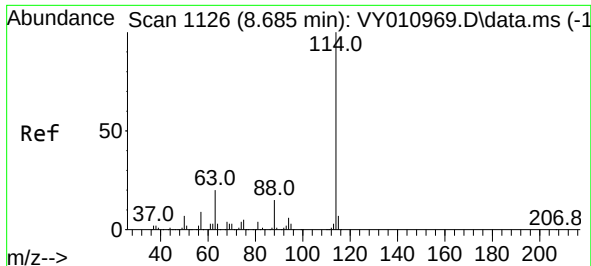
Tgt Ion: 43 Resp: 5466
Ion Ratio Lower Upper
43 100
72 34.3 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 63.614 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion: 65 Resp: 98859
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

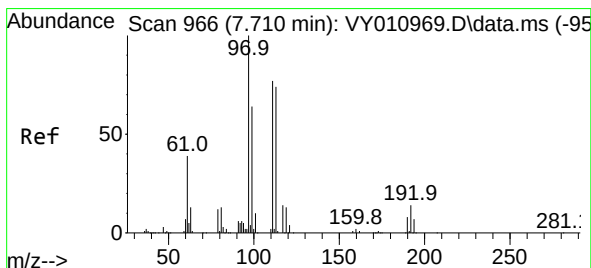
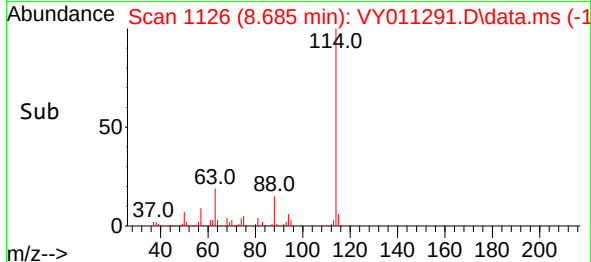
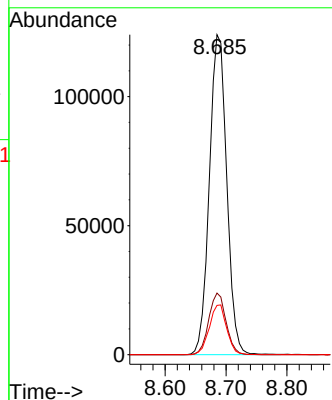
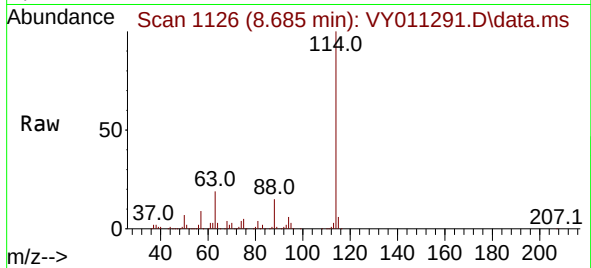




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

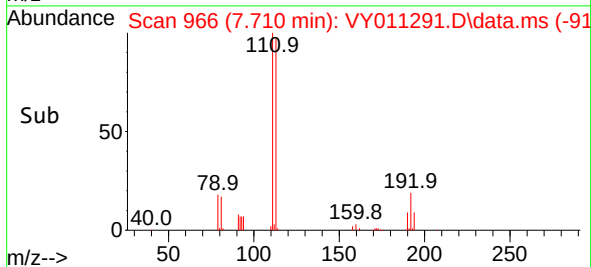
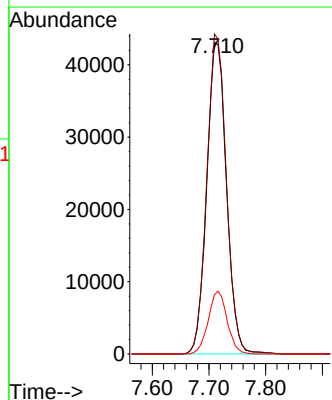
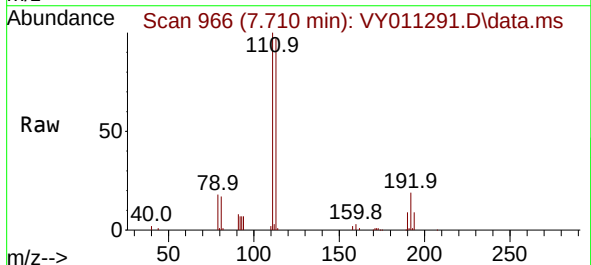
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122RE

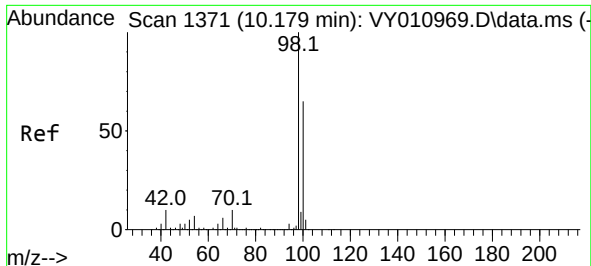
Tgt Ion:114 Resp: 245716
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 65.935 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion:113 Resp: 104092
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.3 17.6 26.4

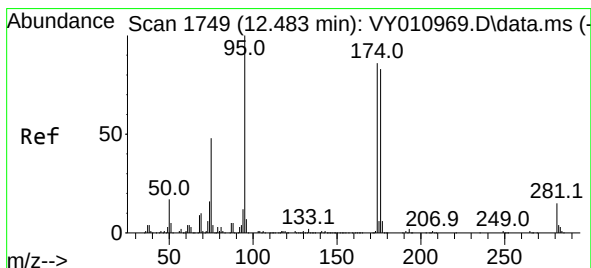
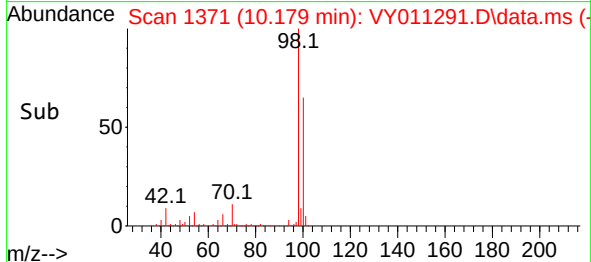
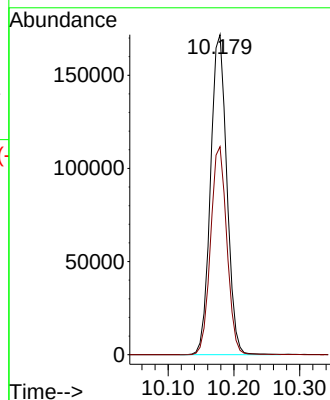
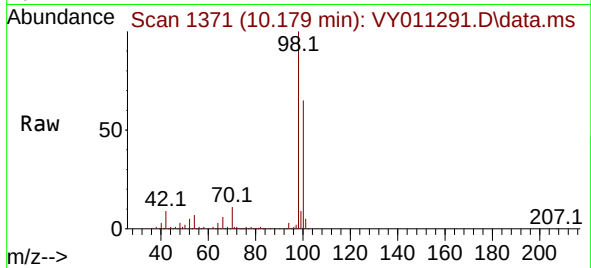




#50
Toluene-d8
Concen: 48.310 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

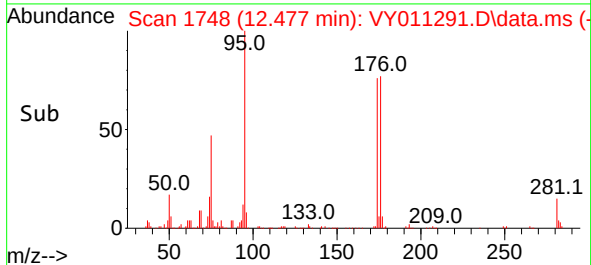
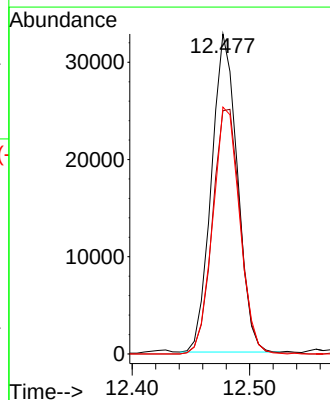
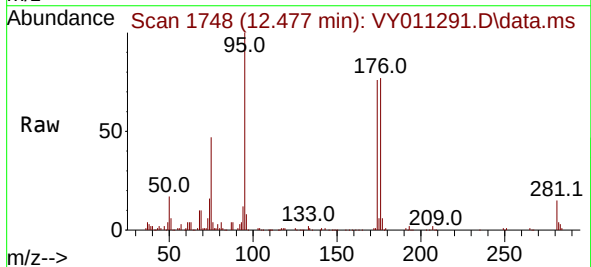
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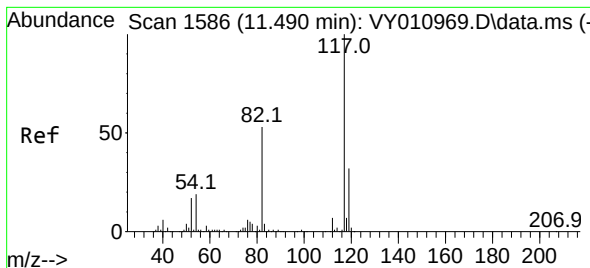
Tgt Ion: 98 Resp: 296116
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 23.639 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion: 95 Resp: 50301
Ion Ratio Lower Upper
95 100
174 82.1 0.0 177.0
176 80.5 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: VY011291.D

Acq: 03 Nov 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

S-5-103122RE

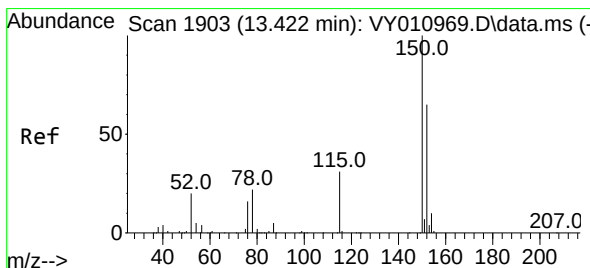
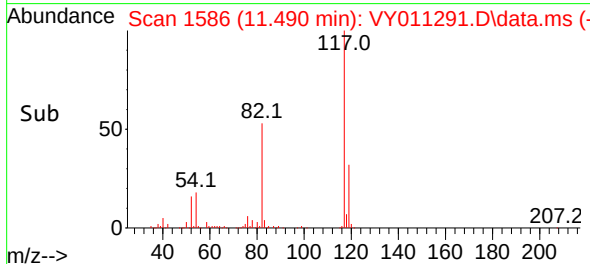
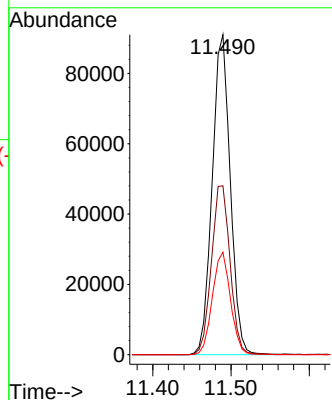
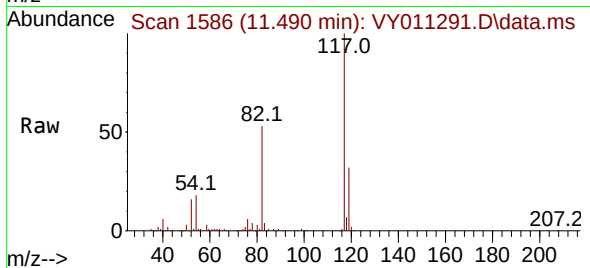
Tgt Ion:117 Resp: 145882

Ion Ratio Lower Upper

117 100

82 52.7 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: VY011291.D

Acq: 03 Nov 2022 16:47

Tgt Ion:152 Resp: 30099

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 156.2 0.0 347.6

