

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007213.D
 Acq On : 18 Jan 2022 17:24
 Operator : SY/MD
 Sample : N1172-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EME-TS-4

Quant Time: Jan 19 00:32:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

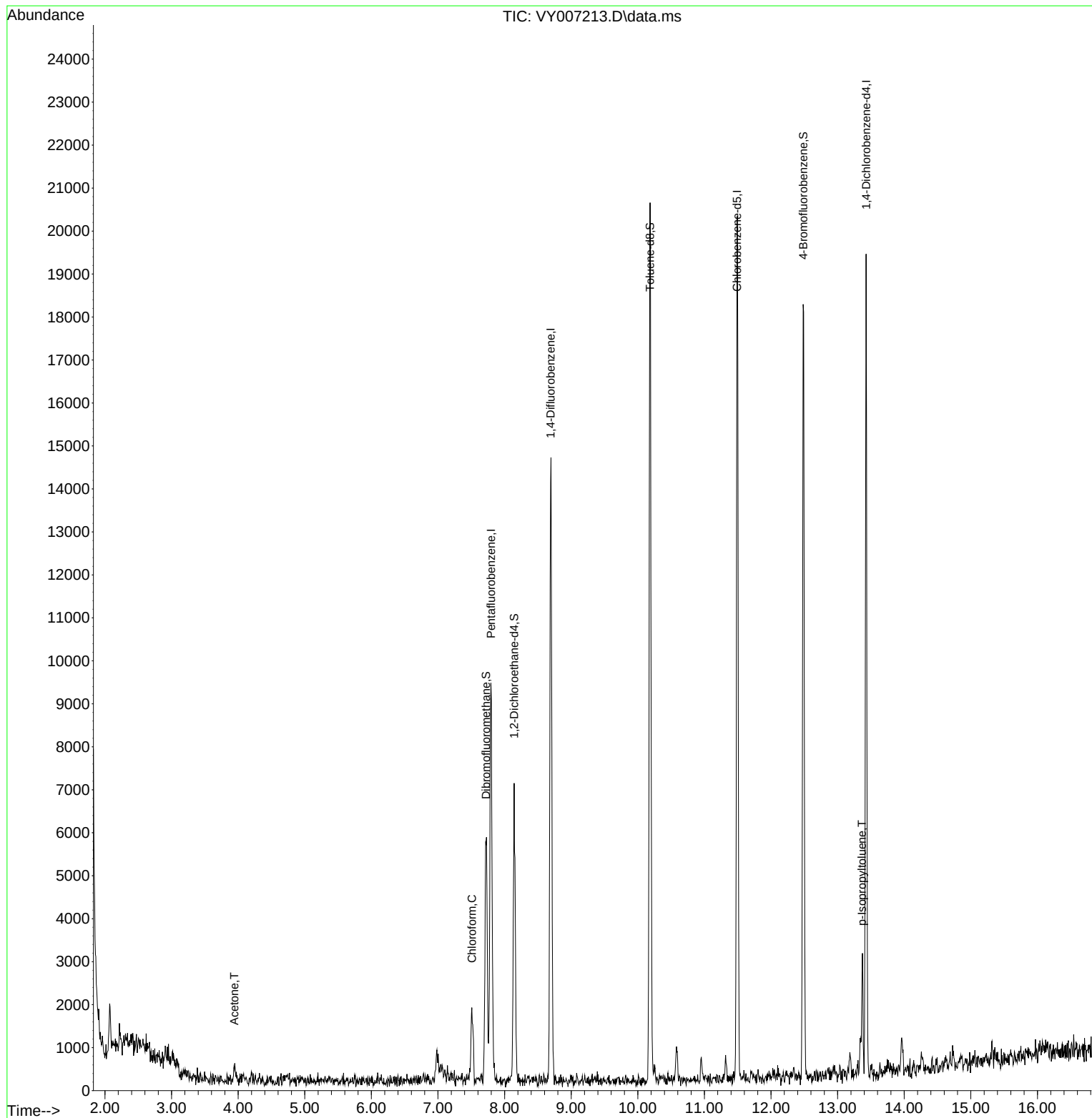
Internal Standards						
1) Pentafluorobenzene	7.795	168	7433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5087	55.776	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.560%	
35) Dibromofluoromethane	7.722	113	4209	49.543	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.080%	
50) Toluene-d8	10.185	98	14434	46.498	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	93.000%	
62) 4-Bromofluorobenzene	12.483	95	5172	46.838	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	93.680%	
Target Compounds						
						Qvalue
16) Acetone	3.942	43	637	26.912	ug/l #	84
30) Chloroform	7.508	83	1774	10.273	ug/l	98
86) p-Isopropyltoluene	13.367	119	1761	5.704	ug/l	97

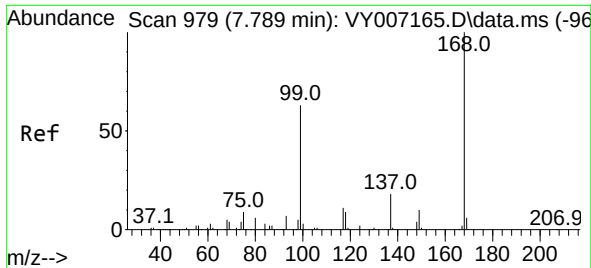
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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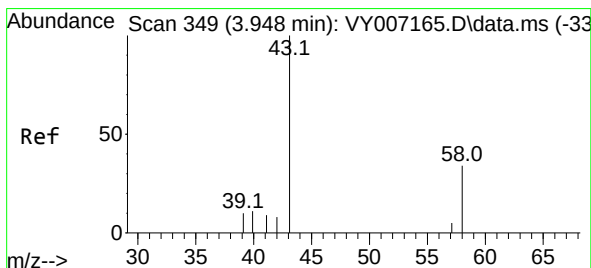
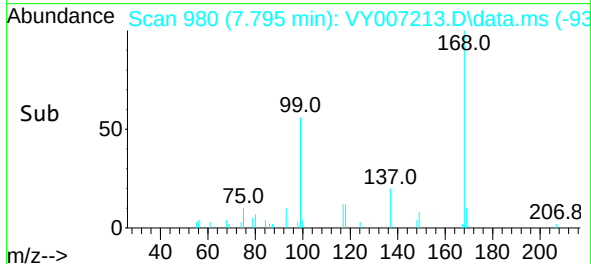
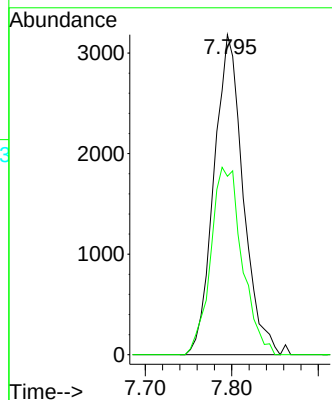
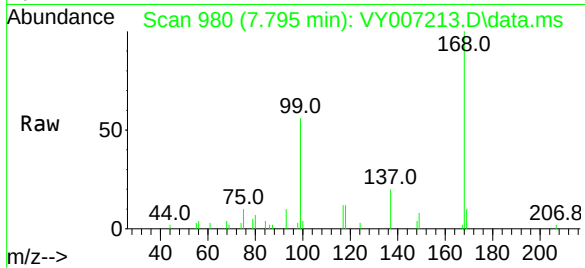




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

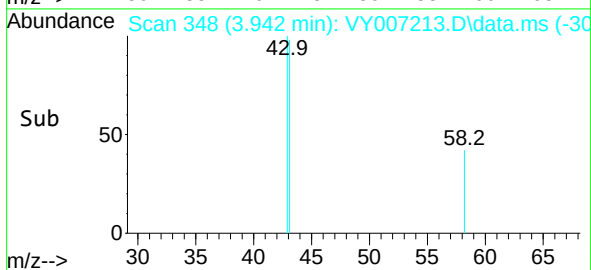
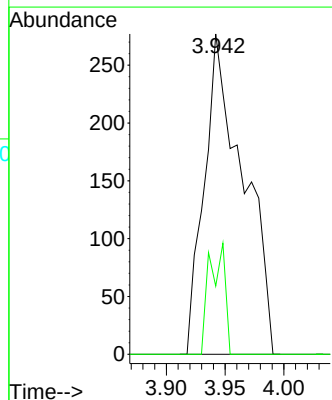
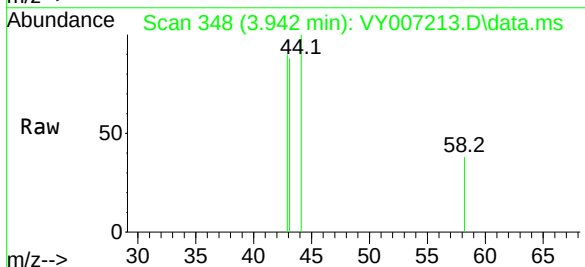
Instrument :
MSVOA_Y
ClientSampleId :
EME-TS-4

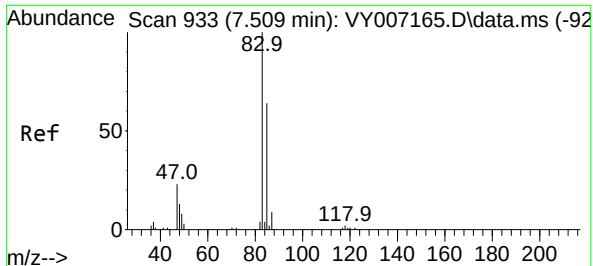
Tgt Ion:168 Resp: 7433
Ion Ratio Lower Upper
168 100
99 55.7 49.1 73.7



#16
Acetone
Concen: 26.912 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
58 21.3 23.8 35.6#

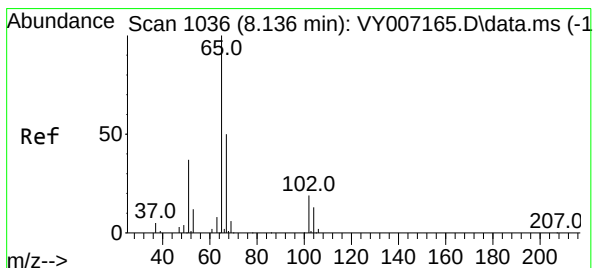
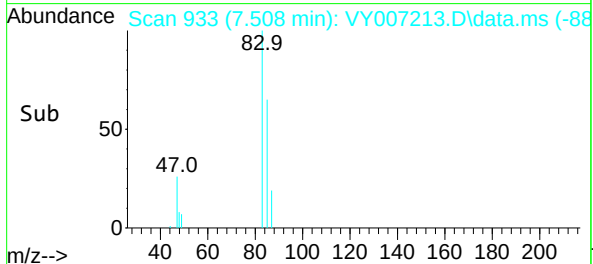
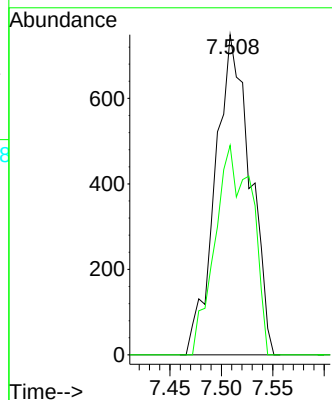
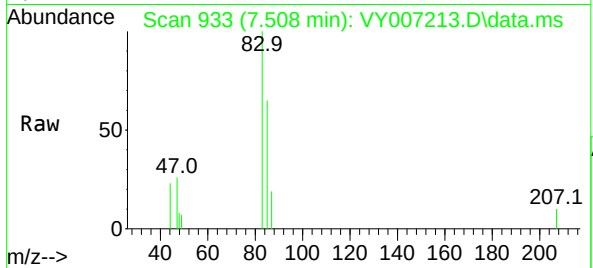




#30
Chloroform
Concen: 10.273 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

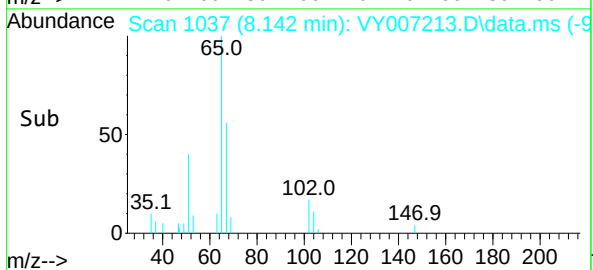
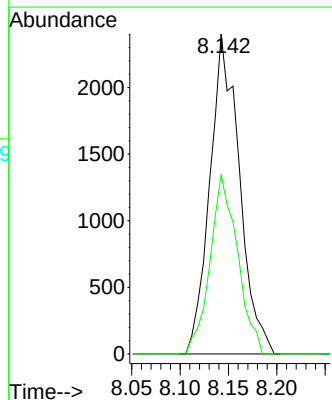
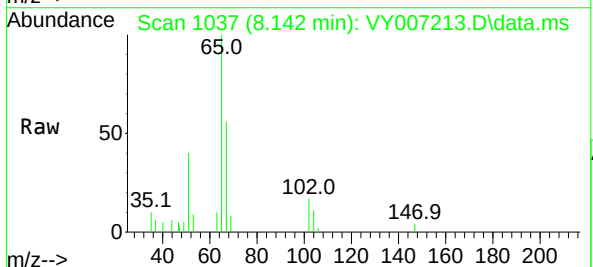
Instrument :
MSVOA_Y
ClientSampleId :
EME-TS-4

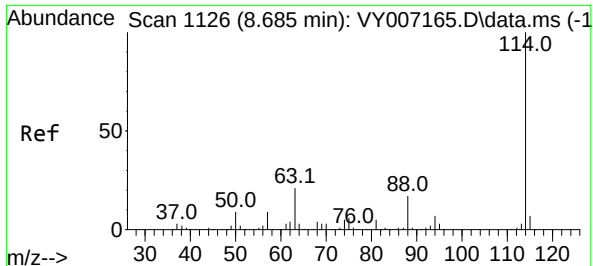
Tgt Ion: 83 Resp: 1774
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 55.776 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

Tgt Ion: 65 Resp: 5087
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY007213.D

Acq: 18 Jan 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

EME-TS-4

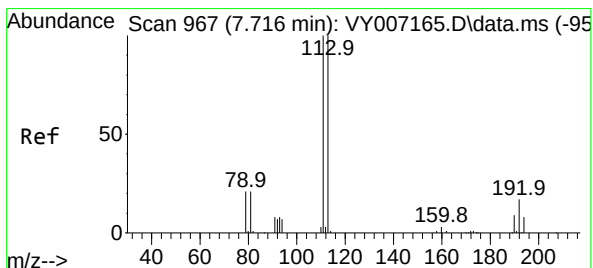
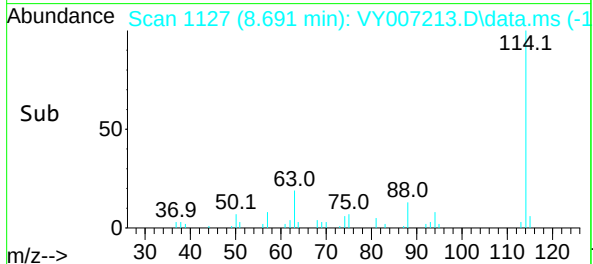
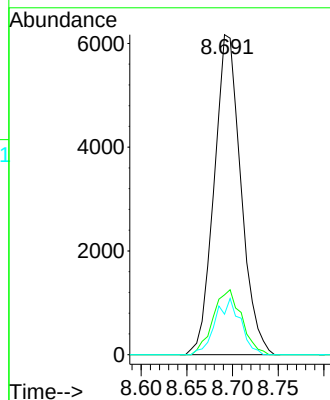
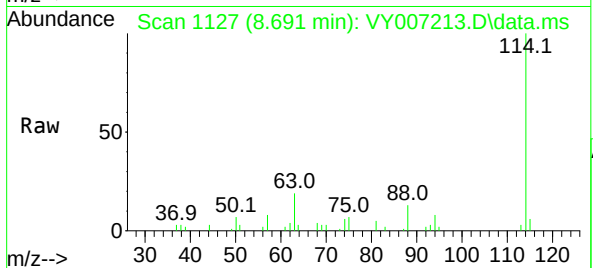
Tgt Ion:114 Resp: 12564

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

88 12.7 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.543 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007213.D

Acq: 18 Jan 2022 17:24

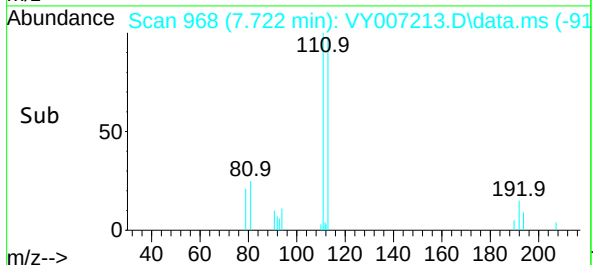
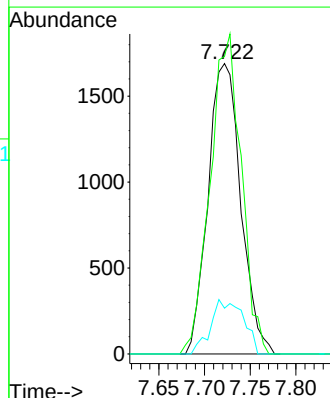
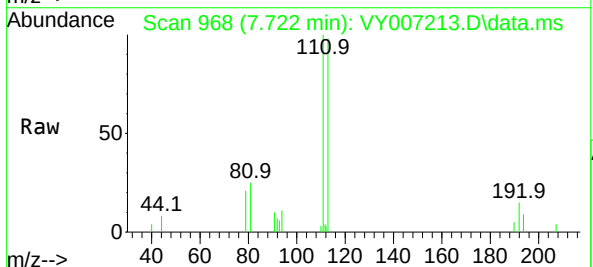
Tgt Ion:113 Resp: 4209

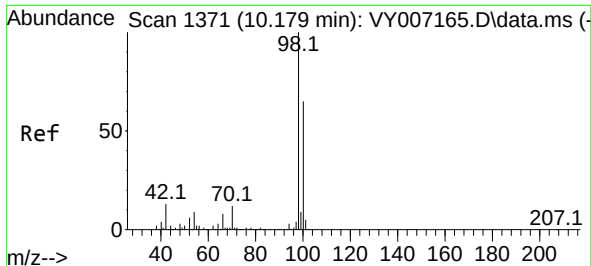
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 18.5 14.2 21.4

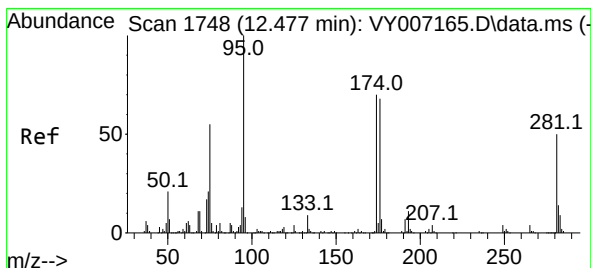
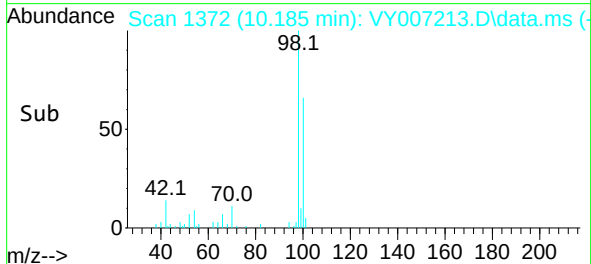
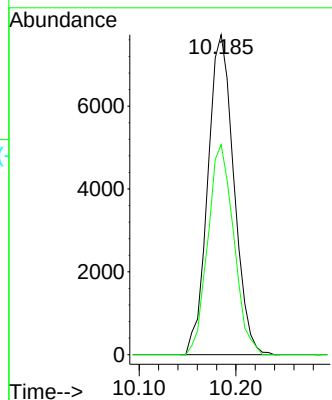
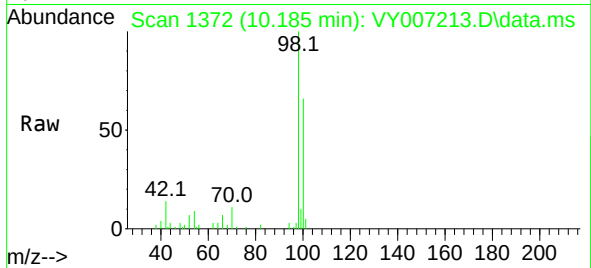




#50
Toluene-d8
Concen: 46.498 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

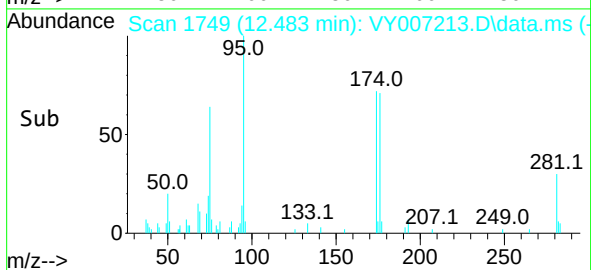
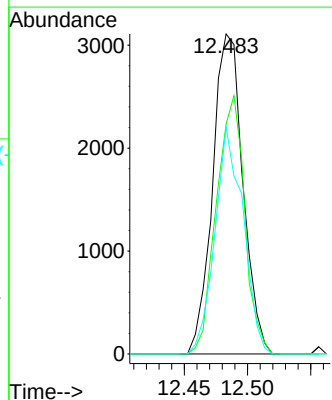
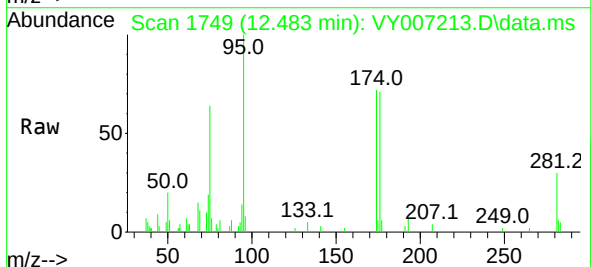
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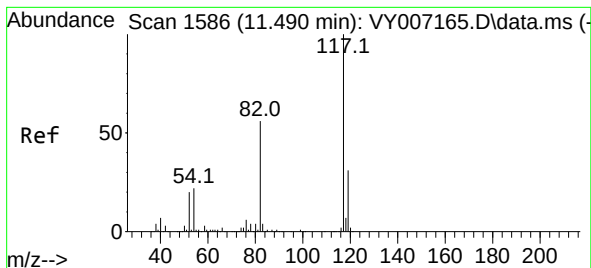
Tgt Ion: 98 Resp: 14434
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 46.838 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007213.D
Acq: 18 Jan 2022 17:24

Tgt Ion: 95 Resp: 5172
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.4
176 66.2 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VY007213.D

Acq: 18 Jan 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

EME-TS-4

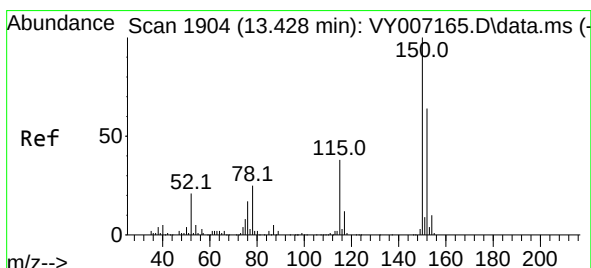
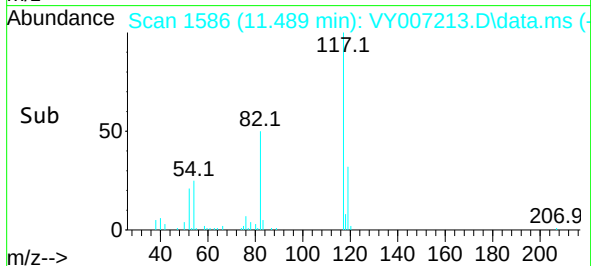
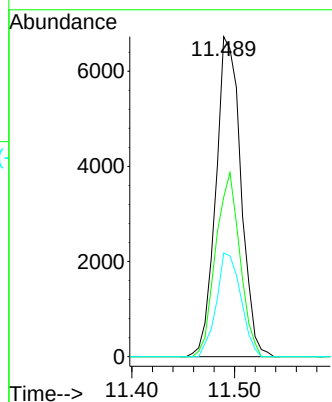
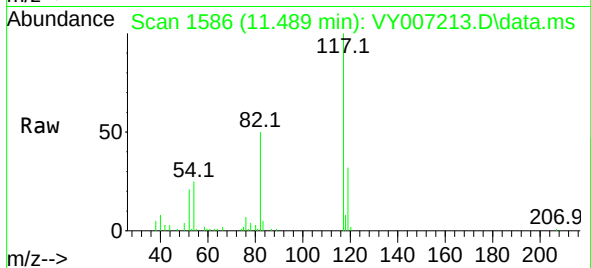
Tgt Ion:117 Resp: 11379

Ion Ratio Lower Upper

117 100

82 49.9 45.4 68.0

119 32.4 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007213.D

Acq: 18 Jan 2022 17:24

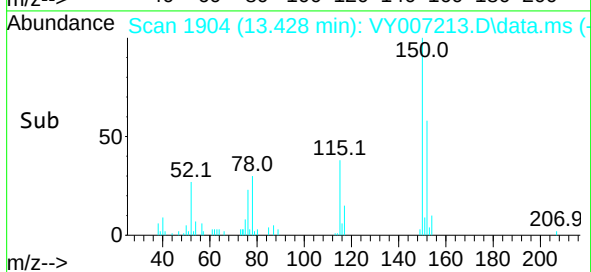
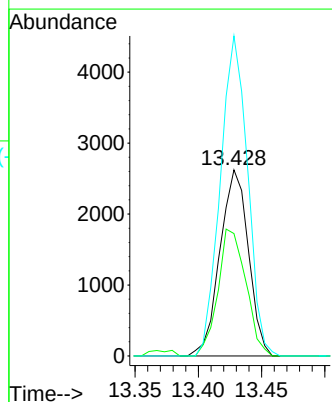
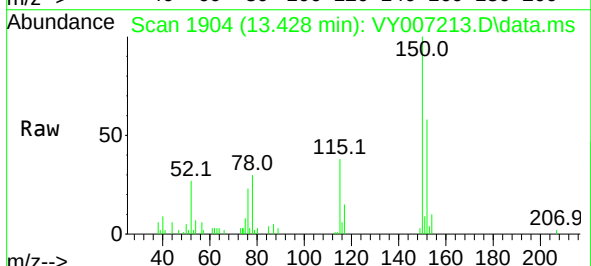
Tgt Ion:152 Resp: 4098

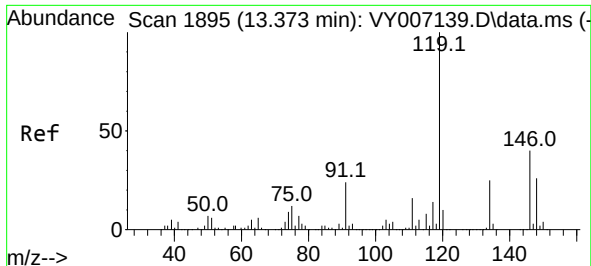
Ion Ratio Lower Upper

152 100

115 66.9 31.4 94.0

150 164.9 0.0 348.4





#86
 p-Isopropyltoluene
 Concen: 5.704 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY007213.D
 Acq: 18 Jan 2022 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 EME-TS-4

Tgt Ion:	119	Resp:	1761
Ion	Ratio	Lower	Upper
119	100		
134	23.9	12.9	38.7
91	26.2	12.4	37.2

