

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006493.D
 Acq On : 26 Oct 2021 19:56
 Operator : SY/MD
 Sample : M4340-07
 Misc : 4.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-EES

Quant Time: Oct 27 05:27:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

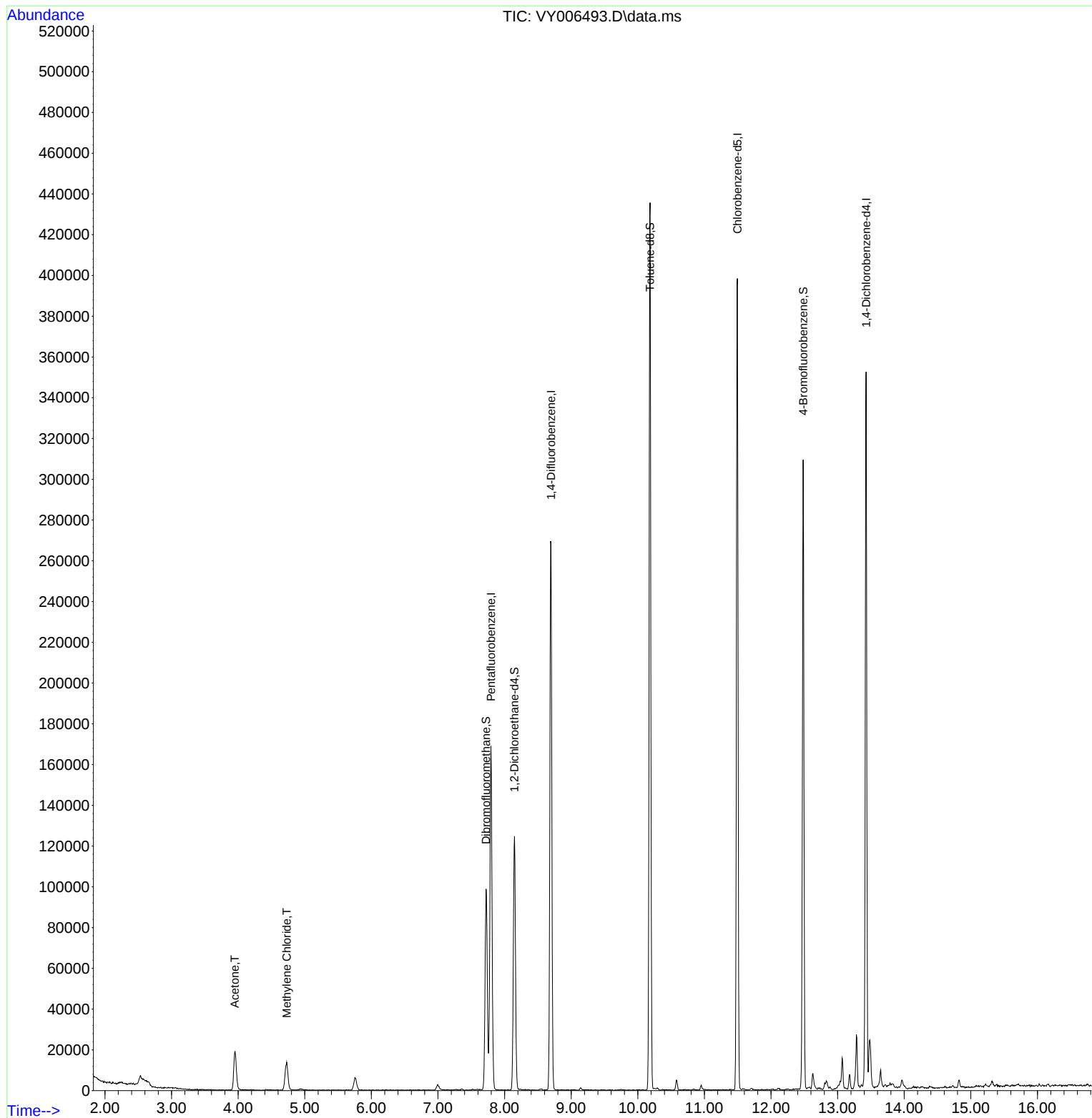
Internal Standards						
1) Pentafluorobenzene	7.795	168	125250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100525	65.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.440%	
35) Dibromofluoromethane	7.722	113	66293	55.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.540%	
50) Toluene-d8	10.185	98	275252	54.136	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.483	95	86737	50.642	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.280%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	34381	77.468	ug/l	96
20) Methylene Chloride	4.729	84	8774	2.545	ug/l #	84

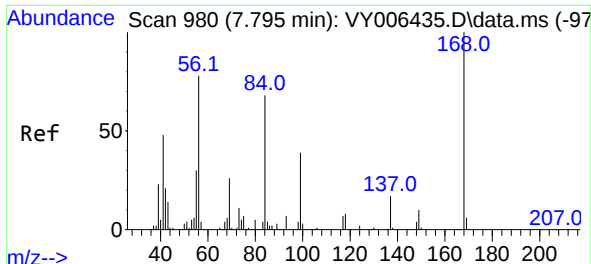
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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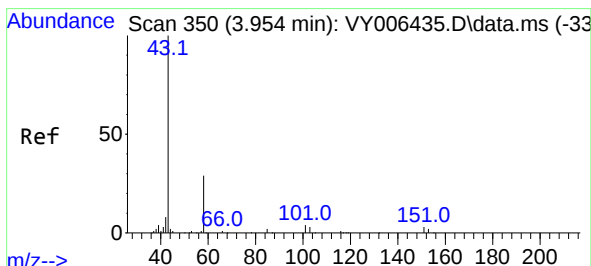
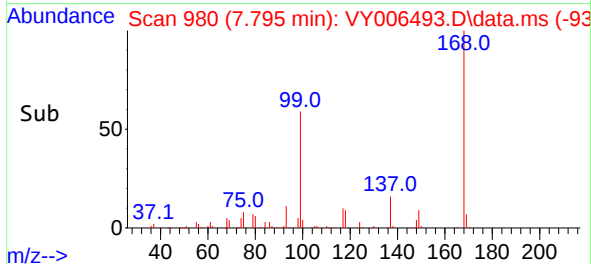
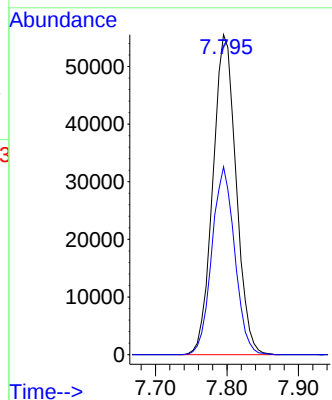
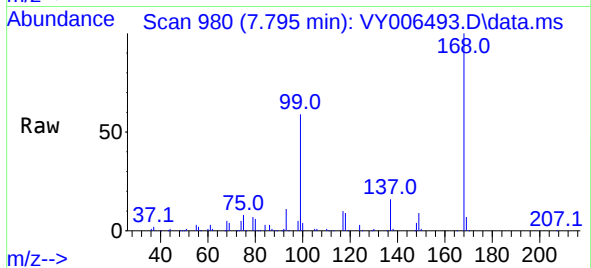




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

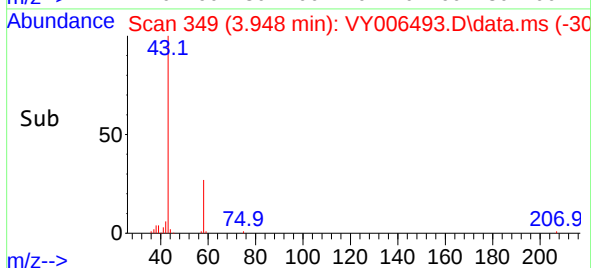
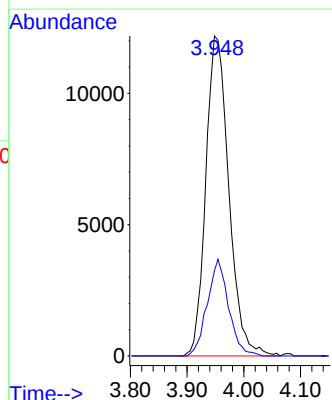
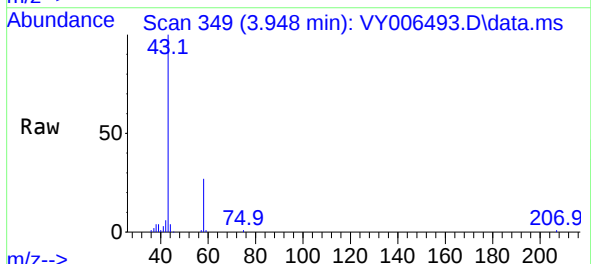
Instrument :
MSVOA_Y
ClientSampleId :
TH-EES

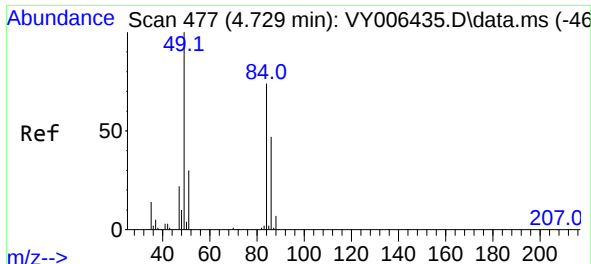
Tgt Ion:168 Resp: 125250
Ion Ratio Lower Upper
168 100
99 58.7 44.8 67.2



#16
Acetone
Concen: 77.468 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Tgt Ion: 43 Resp: 34381
Ion Ratio Lower Upper
43 100
58 26.7 22.9 34.3

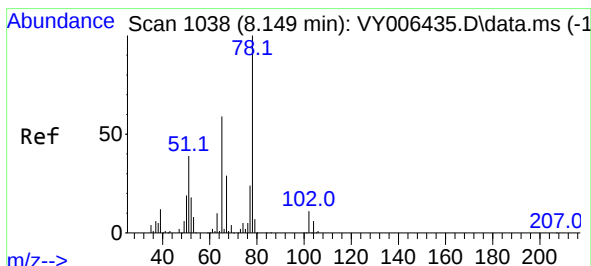
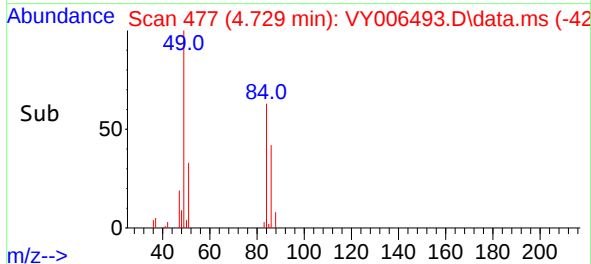
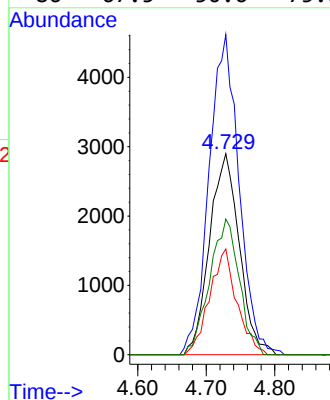
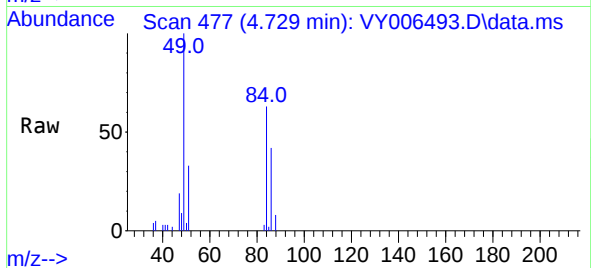




#20
Methylene Chloride
Concen: 2.545 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

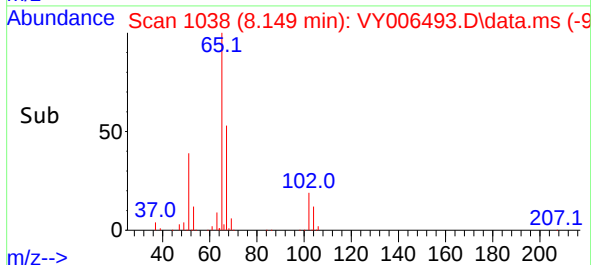
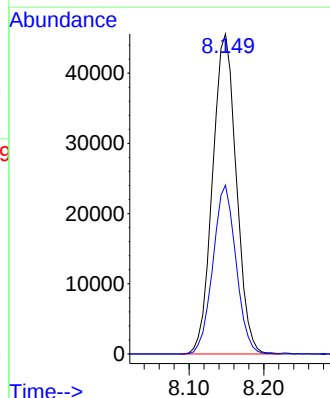
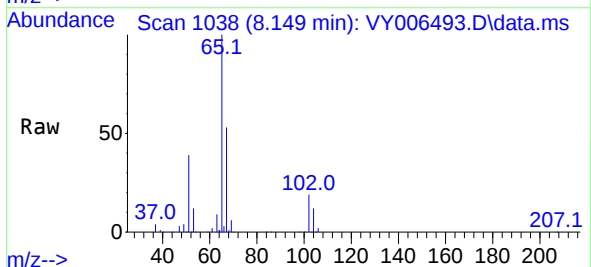
Instrument :
MSVOA_Y
ClientSampleId :
TH-EES

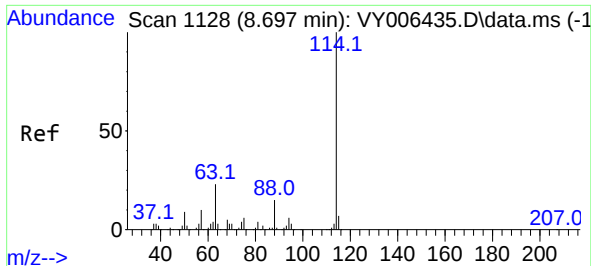
Tgt Ion: 84 Resp: 8774
Ion Ratio Lower Upper
84 100
49 159.2 107.8 161.8
51 52.6 32.8 49.2#
86 67.5 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 65.222 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Tgt Ion: 65 Resp: 100525
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006493.D

Acq: 26 Oct 2021 19:56

Instrument :

MSVOA_Y

ClientSampleId :

TH-EES

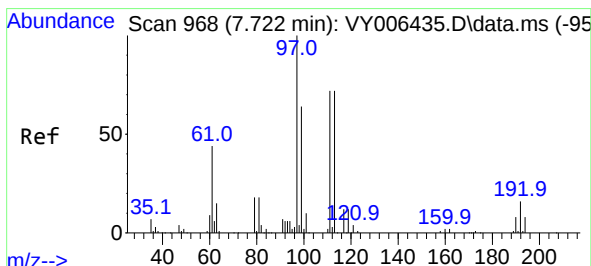
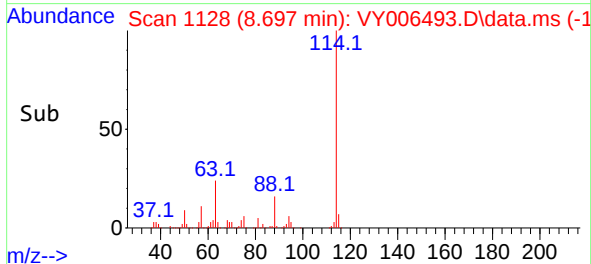
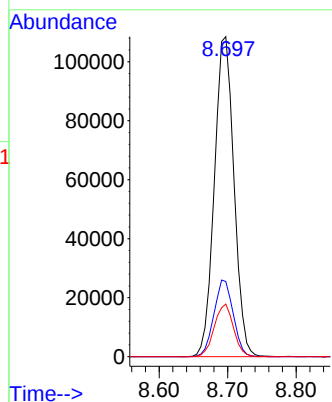
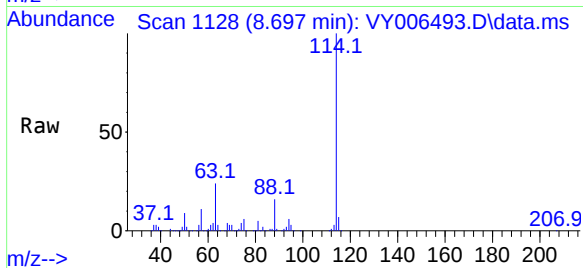
Tgt Ion:114 Resp: 215189

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.272 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006493.D

Acq: 26 Oct 2021 19:56

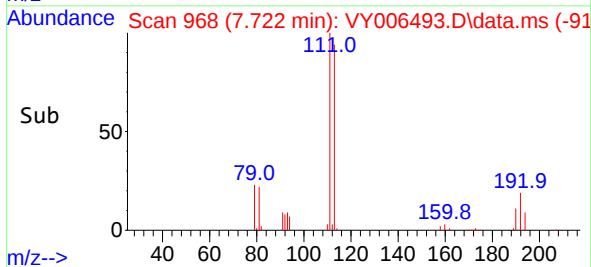
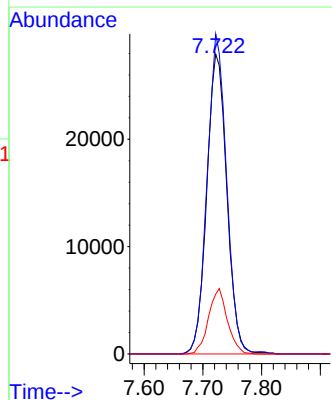
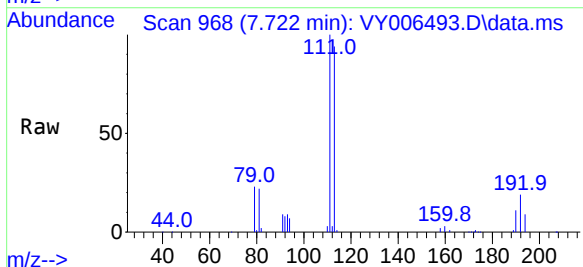
Tgt Ion:113 Resp: 66293

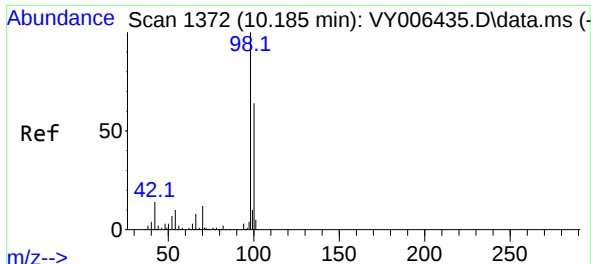
Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 20.5 17.4 26.2

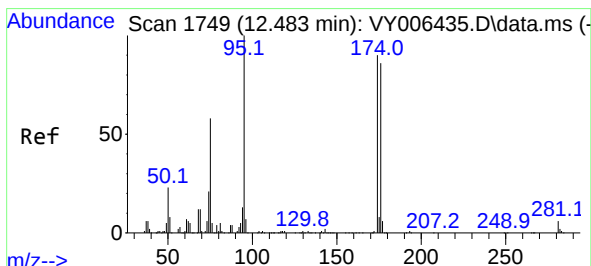
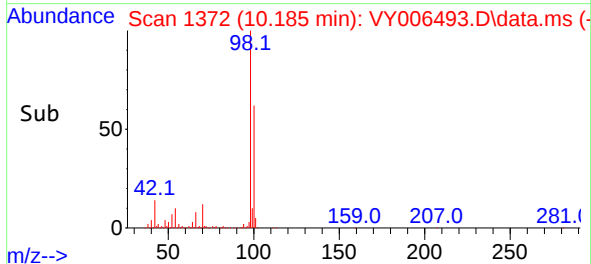
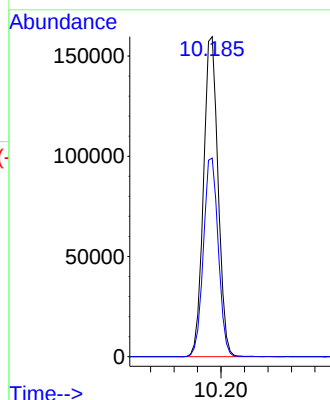
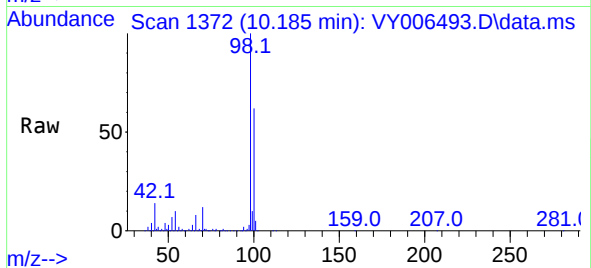




#50
Toluene-d8
Concen: 54.136 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

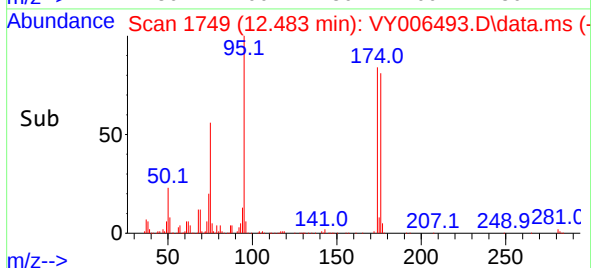
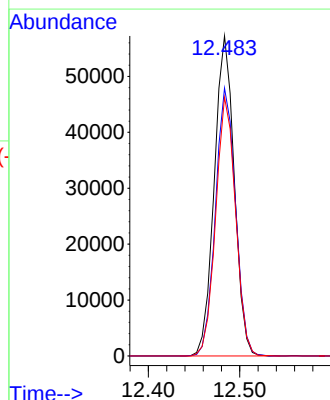
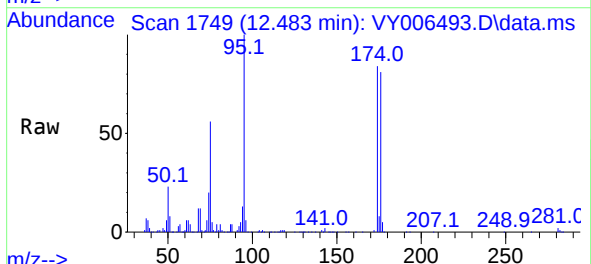
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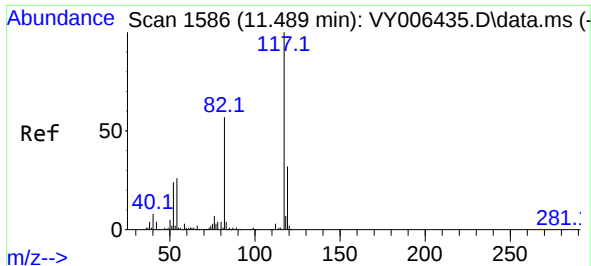
Tgt Ion: 98 Resp: 275252
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.642 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Tgt Ion: 95 Resp: 86737
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 80.4 0.0 169.4

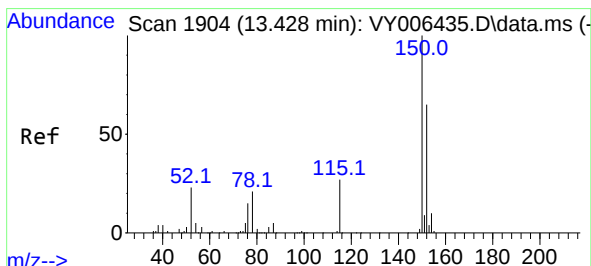
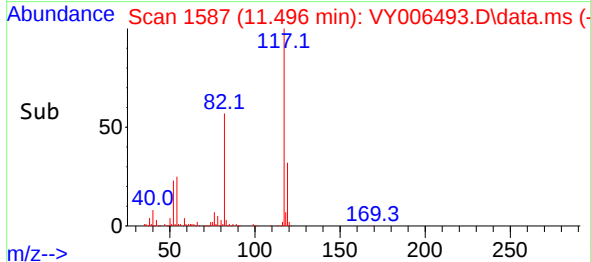
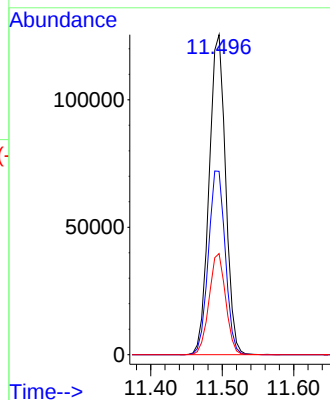
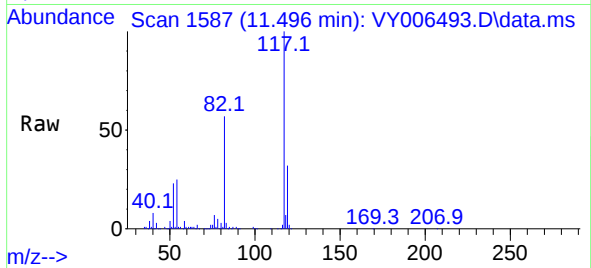




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Instrument :
MSVOA_Y
ClientSampleId :
TH-EES

Tgt Ion:117 Resp: 201006
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006493.D
Acq: 26 Oct 2021 19:56

Tgt Ion:152 Resp: 83193
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.5
150 158.0 0.0 348.2

