

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006227.D
 Acq On : 29 Sep 2021 20:44
 Operator : SY/MD
 Sample : M3966-01
 Misc : 7.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-831-J-SO-1-1.5-092721

Quant Time: Sep 30 07:35:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

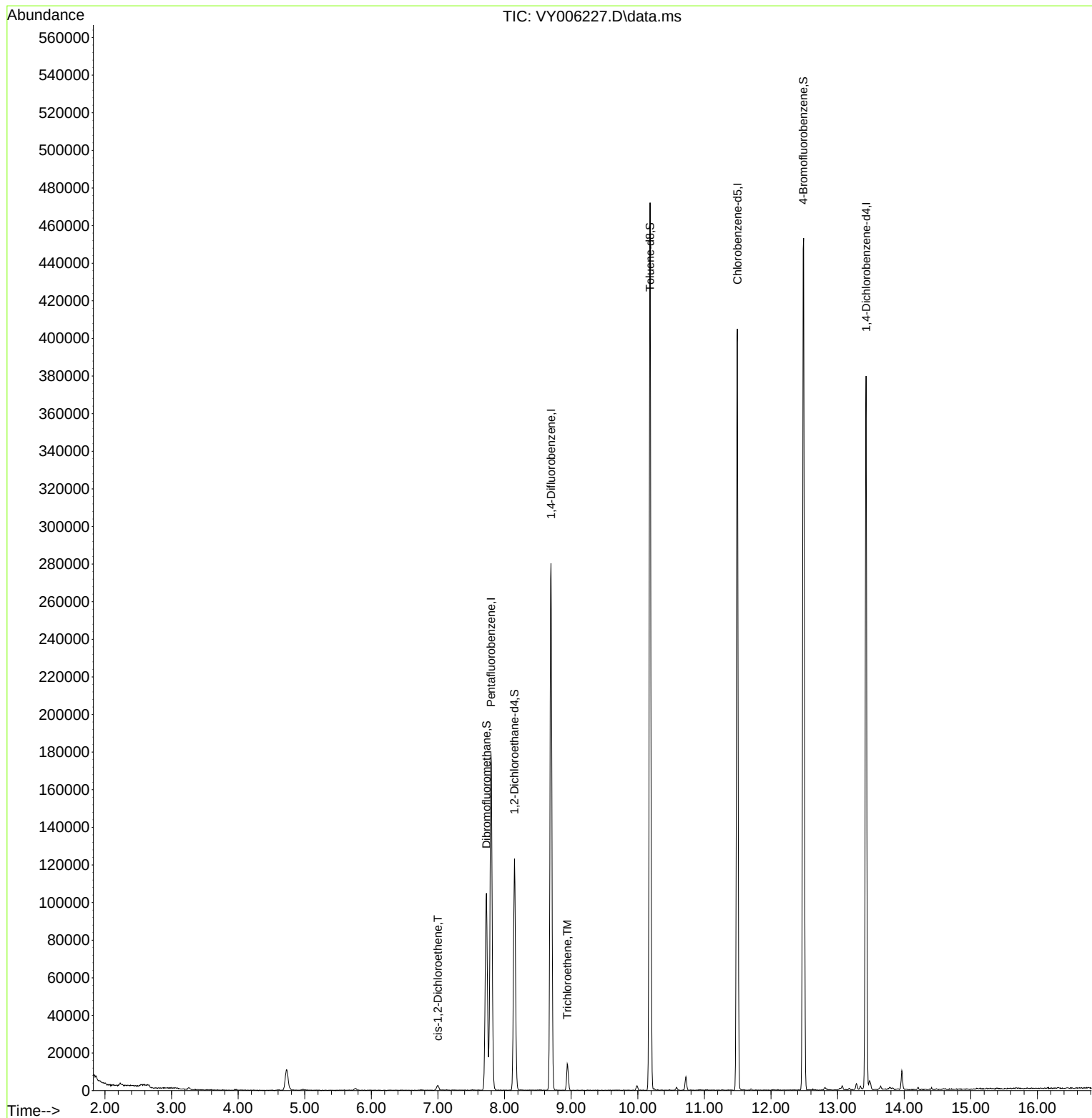
Internal Standards						
1) Pentafluorobenzene	7.795	168	140249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	230996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97564	64.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.000%	
35) Dibromofluoromethane	7.728	113	69576	56.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.760%	
50) Toluene-d8	10.185	98	289674	56.084	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.160%	
62) 4-Bromofluorobenzene	12.483	95	91303	52.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.080%	
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	6.997	96	1649	1.011	ug/l	75
44) Trichloroethene	8.941	130	4520	2.684	ug/l	98

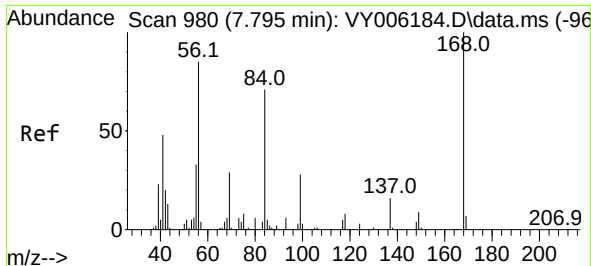
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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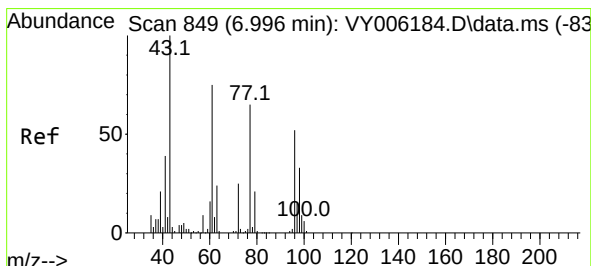
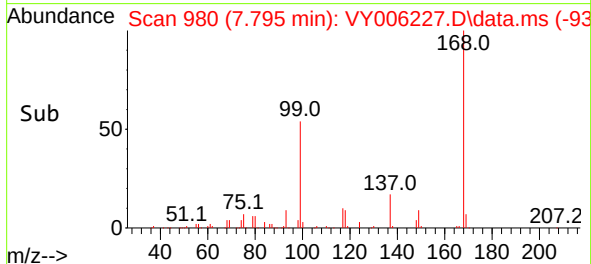
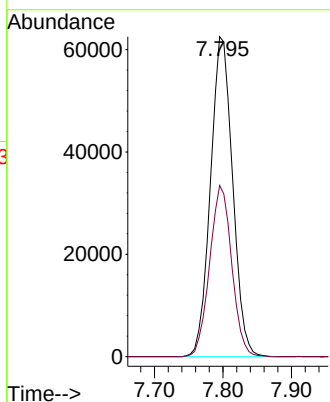
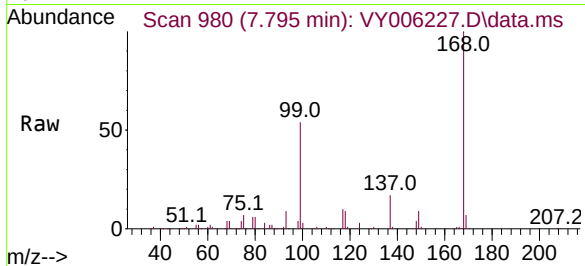




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

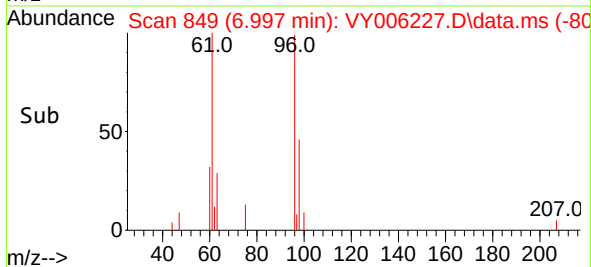
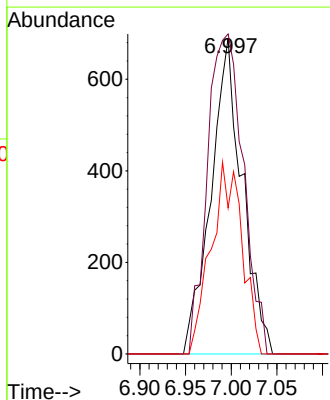
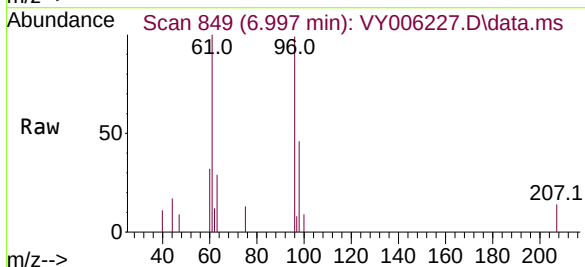
Instrument :
MSVOA_Y
ClientSampleId :
S-831-J-SO-1-1.5-092721

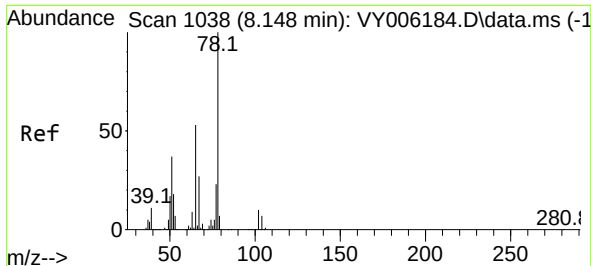
Tgt Ion:168 Resp: 140249
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#27
cis-1,2-Dichloroethene
Concen: 1.011 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

Tgt Ion: 96 Resp: 1649
Ion Ratio Lower Upper
96 100
61 115.4 0.0 319.8
98 60.0 0.0 127.0





#33

1,2-Dichloroethane-d4

Concen: 64.996 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006227.D

Acq: 29 Sep 2021 20:44

Tgt Ion: 65 Resp: 97564

Ion Ratio Lower Upper

65 100

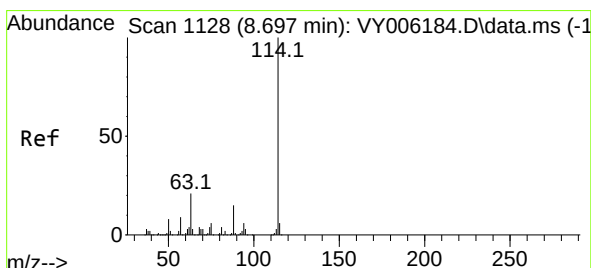
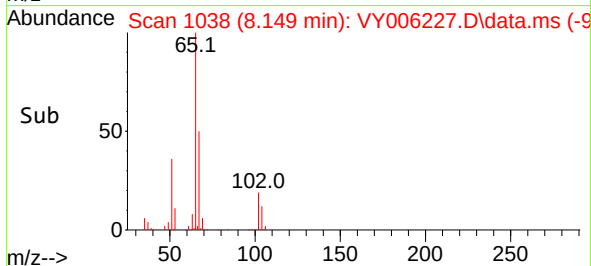
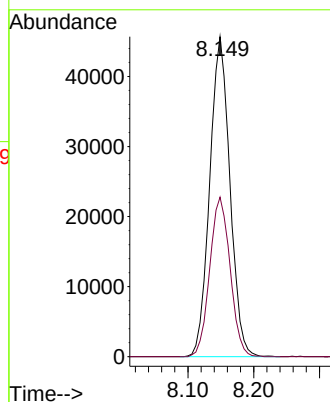
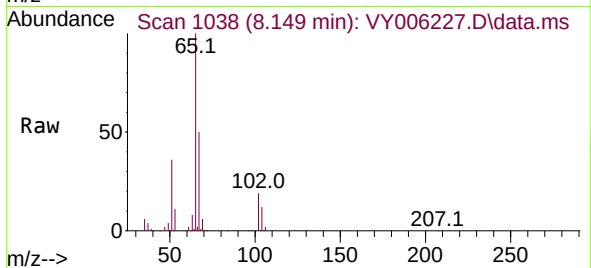
67 50.2 0.0 99.4

Instrument :

MSVOA_Y

ClientSampleId :

S-831-J-SO-1-1.5-092721



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006227.D

Acq: 29 Sep 2021 20:44

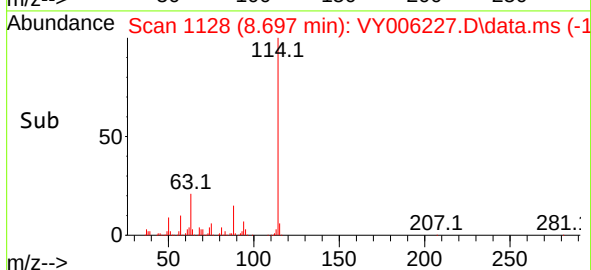
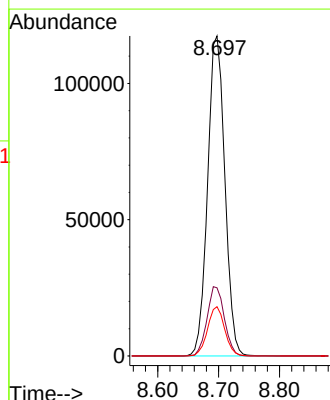
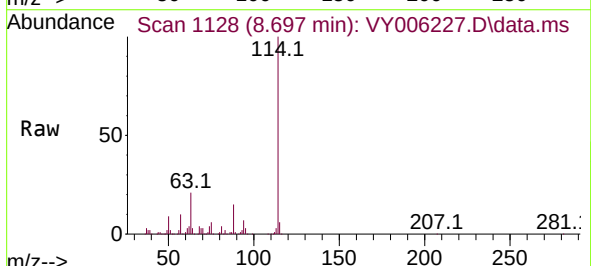
Tgt Ion: 114 Resp: 230996

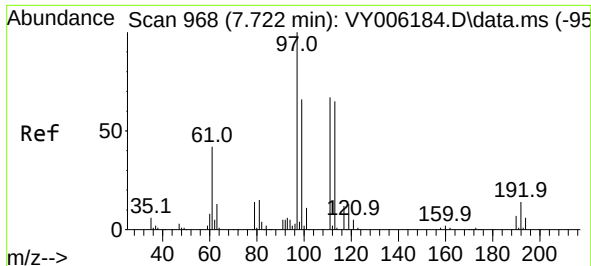
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 15.4 0.0 31.8

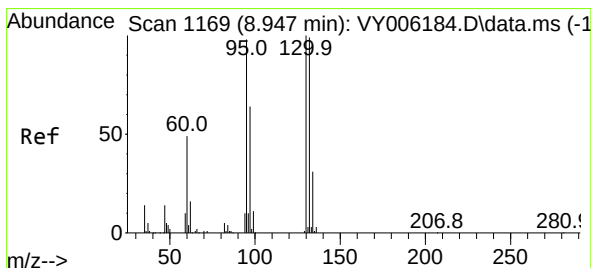
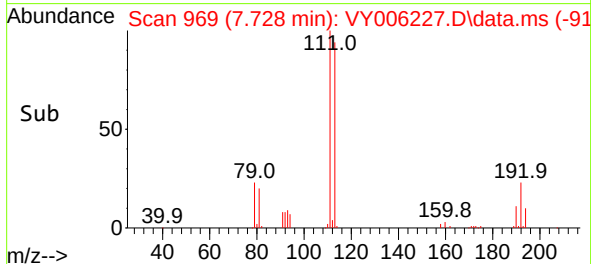
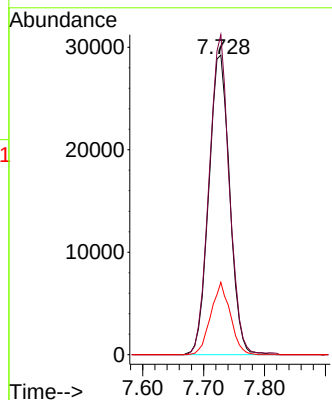
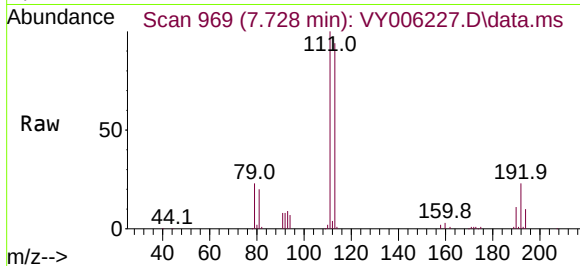




#35
Dibromofluoromethane
Concen: 56.377 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

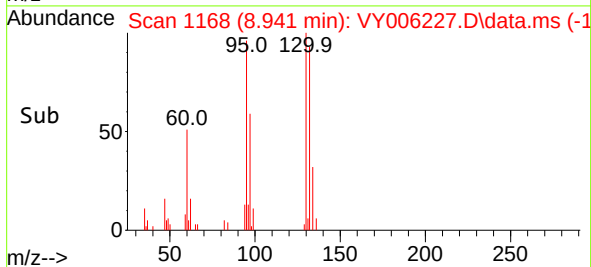
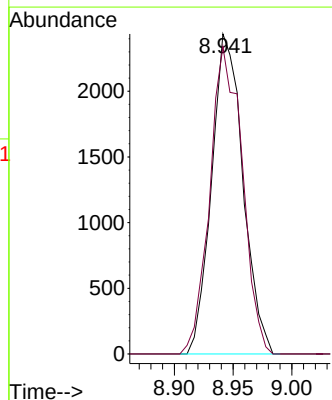
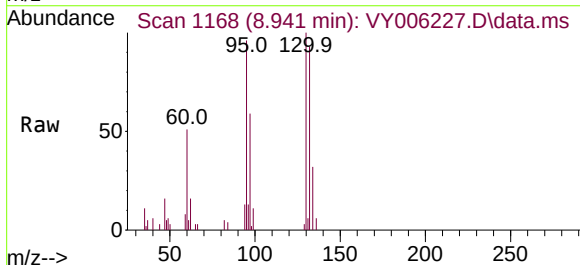
Instrument :
MSVOA_Y
ClientSampleId :
S-831-J-SO-1-1.5-092721

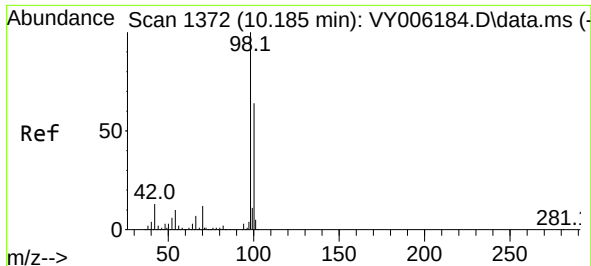
Tgt Ion:113 Resp: 69576
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 22.6 17.6 26.4



#44
Trichloroethene
Concen: 2.684 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

Tgt Ion:130 Resp: 4520
Ion Ratio Lower Upper
130 100
95 96.0 0.0 188.2

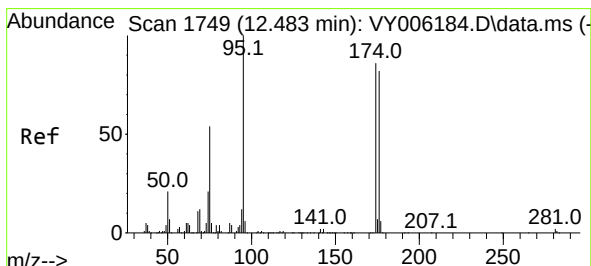
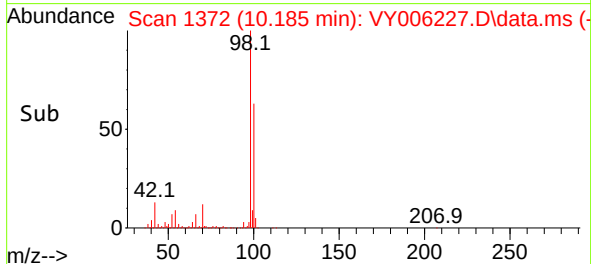
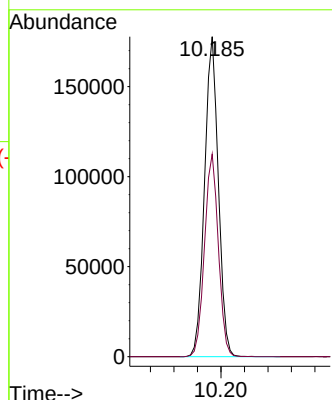
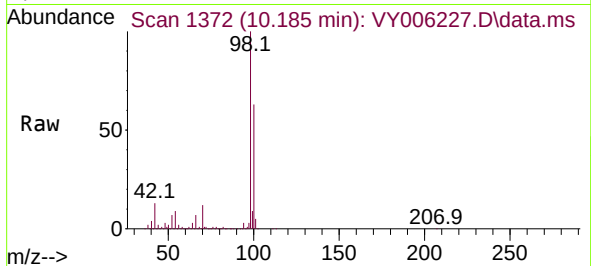




#50
Toluene-d8
Concen: 56.084 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

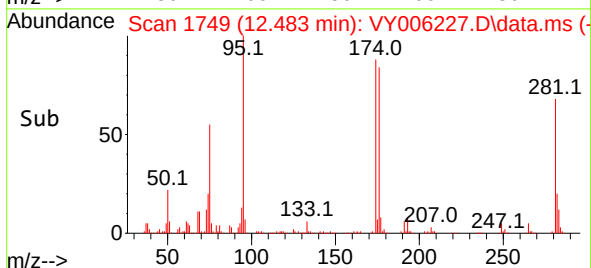
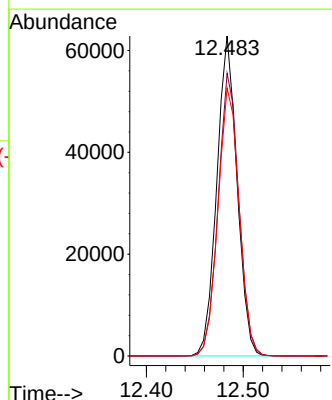
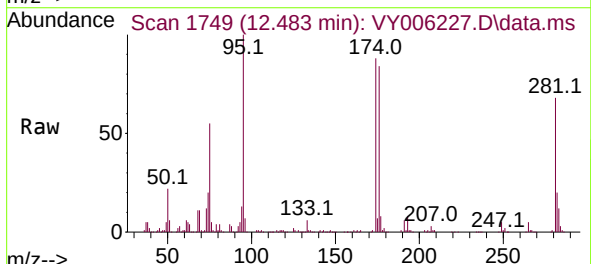
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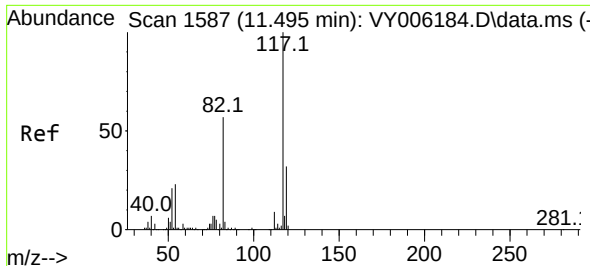
Tgt Ion: 98 Resp: 289674
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.036 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

Tgt Ion: 95 Resp: 91303
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 87.6 0.0 175.8

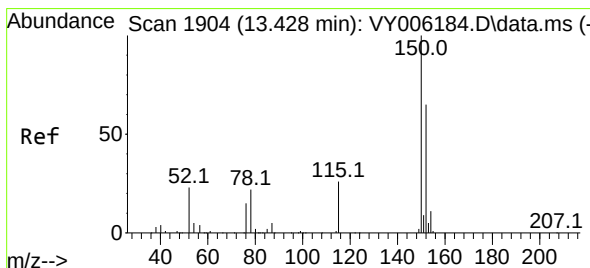
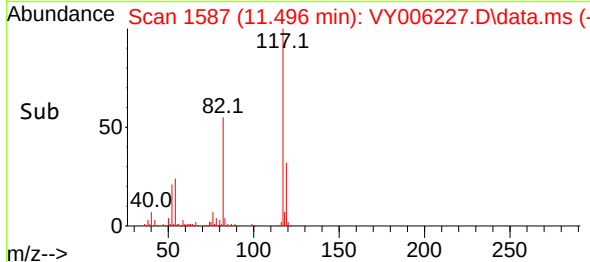
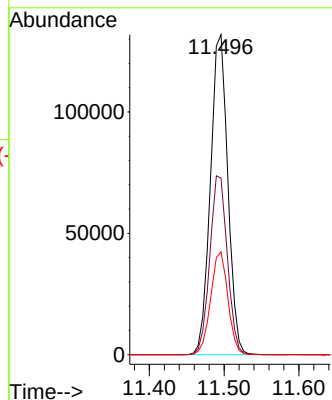
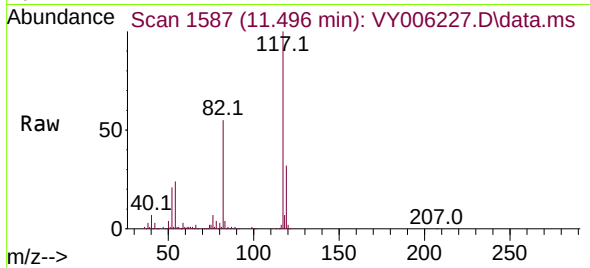




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

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Tgt Ion:	117	Resp:	213375
Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.0	64.4
119	32.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

Tgt Ion:	152	Resp:	94329
Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.2	84.7
150	157.0	0.0	347.6

