

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008091.D
 Acq On : 29 Mar 2022 16:49
 Operator : SY/MD
 Sample : N2155-06
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-F

Quant Time: Mar 30 04:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

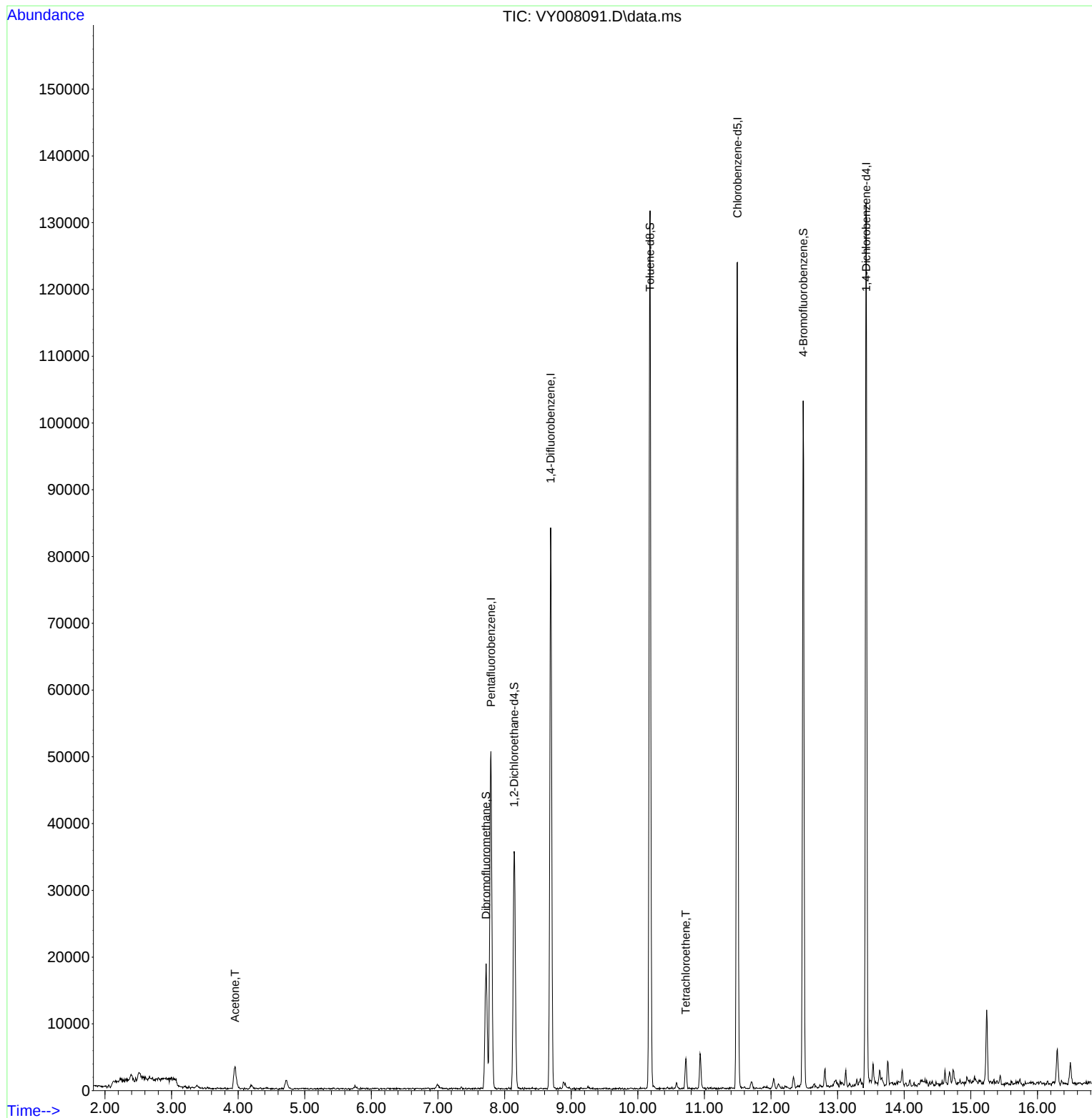
Internal Standards						
1) Pentafluorobenzene	7.795	168	38618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	74457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	73168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	27908	72.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.060%	
35) Dibromofluoromethane	7.722	113	13076	28.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 56.020%	
50) Toluene-d8	10.185	98	90515	51.465	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	12.483	95	33404	53.834	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.660%	
Target Compounds						Qvalue
16) Acetone	3.954	43	6134	69.263	ug/l	90
64) Tetrachloroethene	10.721	164	949	1.689	ug/l #	92

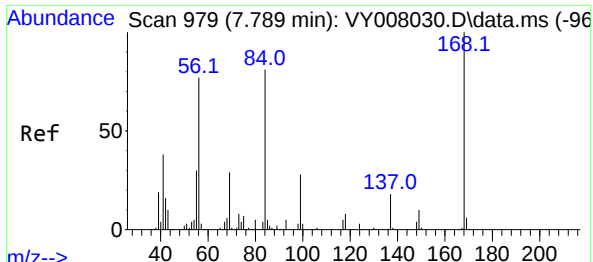
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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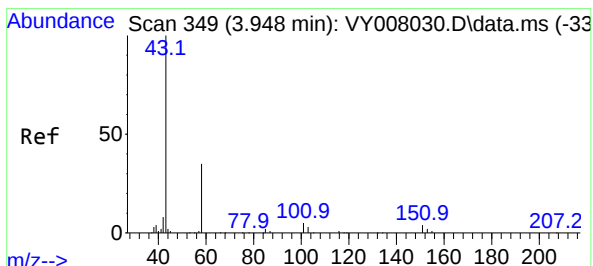
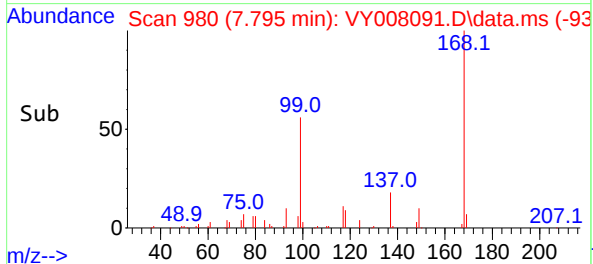
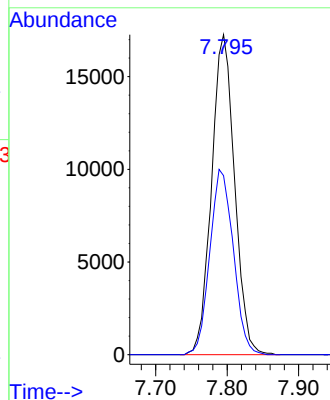
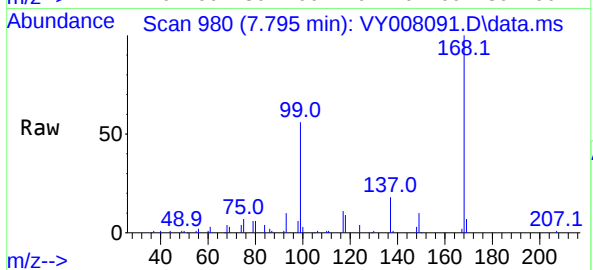




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

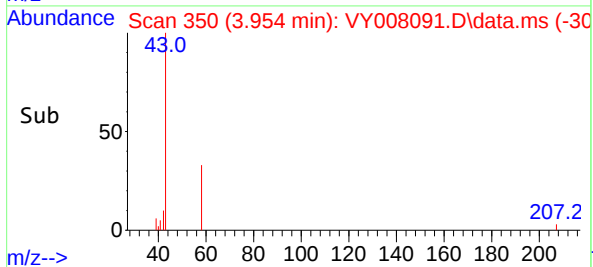
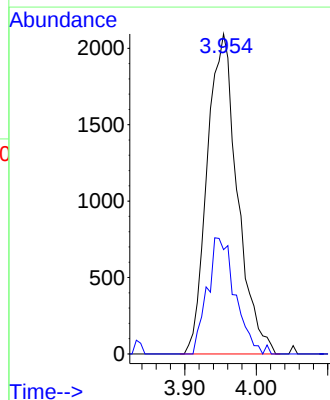
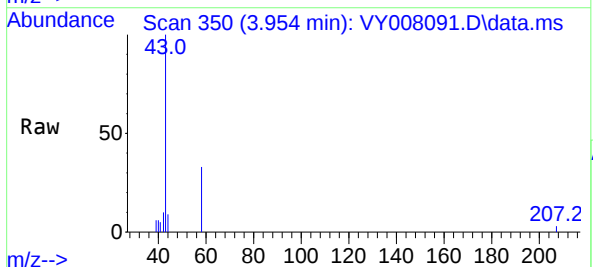
Instrument :
MSVOA_Y
ClientSampleId :
22L076-F

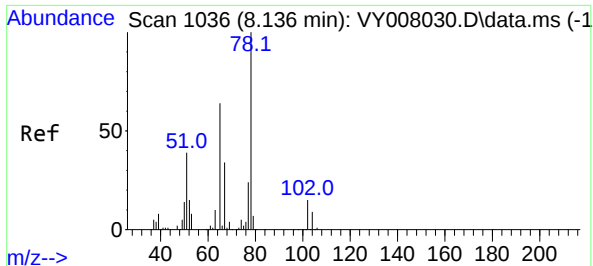
Tgt Ion:168 Resp: 38618
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#16
Acetone
Concen: 69.263 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Tgt Ion: 43 Resp: 6134
Ion Ratio Lower Upper
43 100
58 32.6 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 72.029 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008091.D

Acq: 29 Mar 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

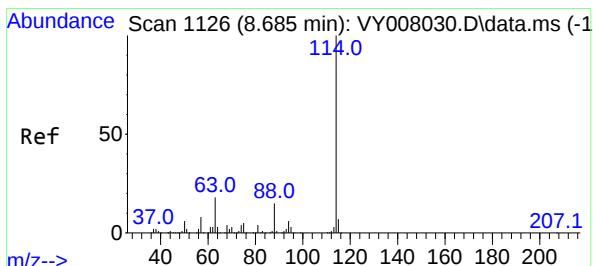
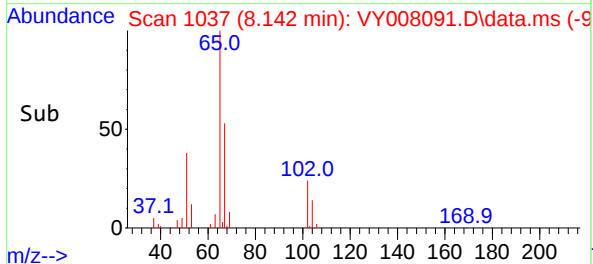
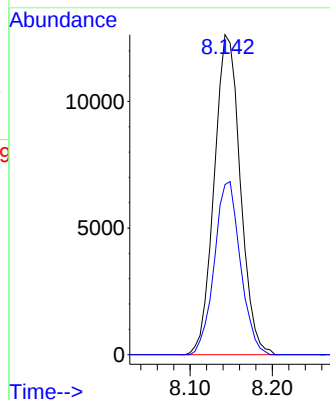
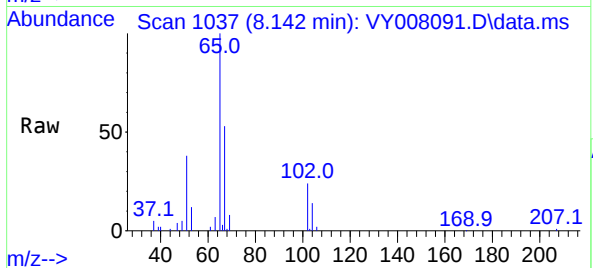
22L076-F

Tgt Ion: 65 Resp: 27908

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008091.D

Acq: 29 Mar 2022 16:49

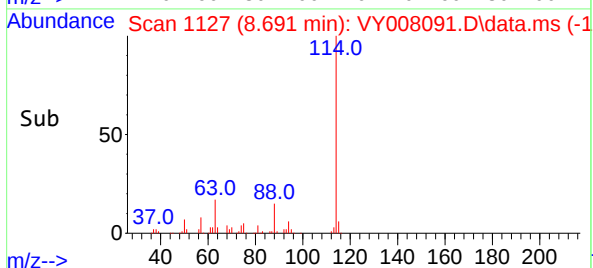
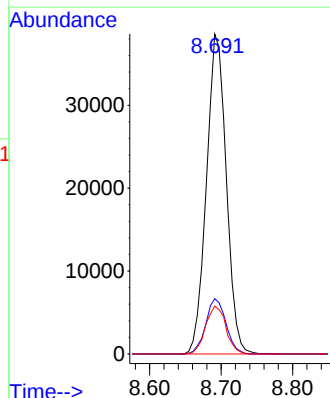
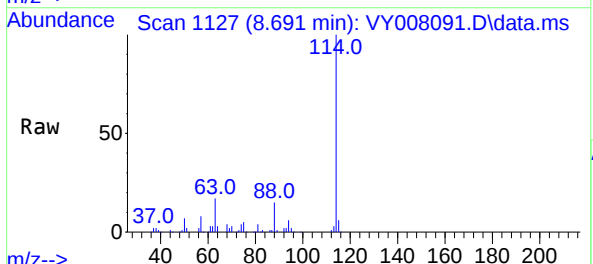
Tgt Ion: 114 Resp: 74457

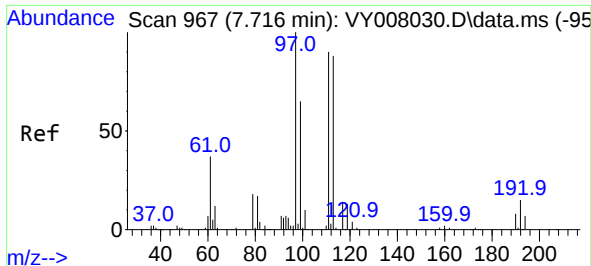
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.9 0.0 31.8

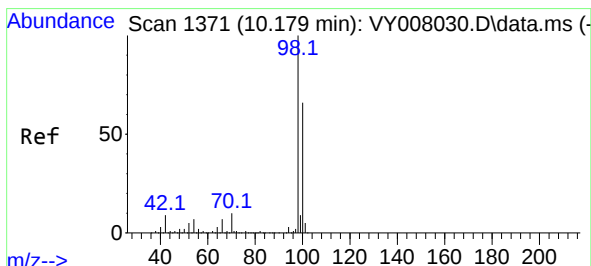
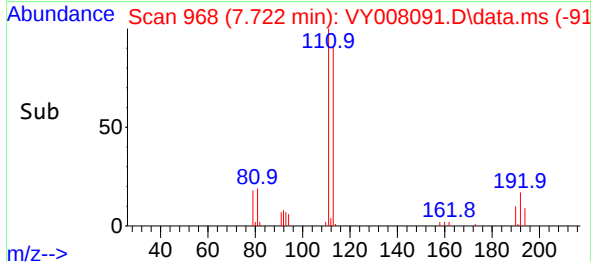
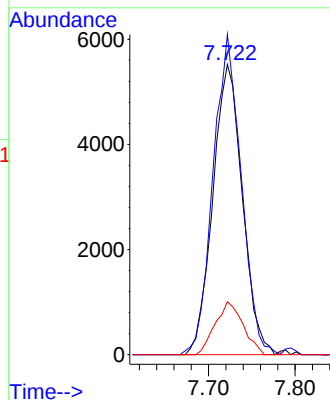
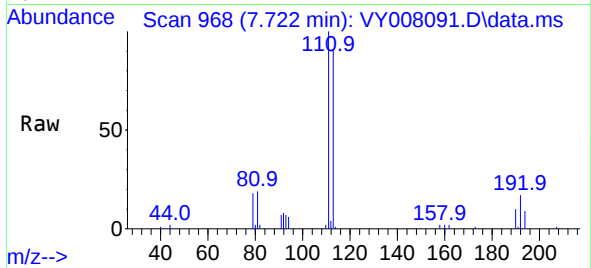




#35
Dibromofluoromethane
Concen: 28.011 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

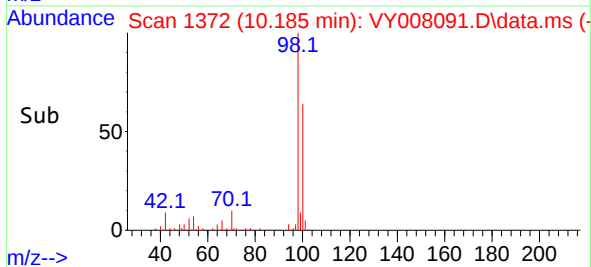
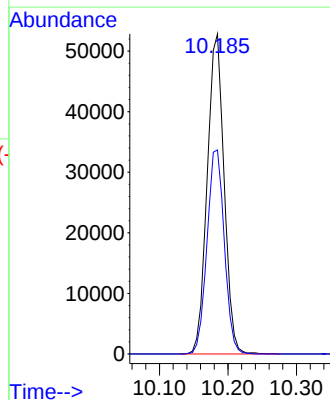
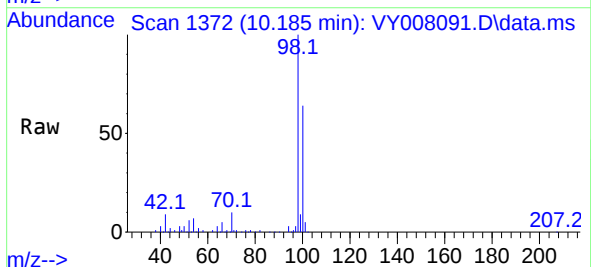
Instrument :
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22L076-F

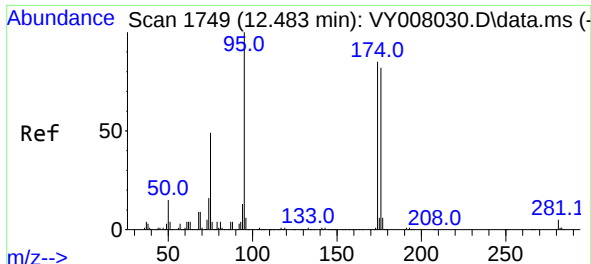
Tgt Ion:113 Resp: 13076
Ion Ratio Lower Upper
113 100
111 105.0 82.6 124.0
192 17.2 17.6 26.4#



#50
Toluene-d8
Concen: 51.465 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Tgt Ion: 98 Resp: 90515
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

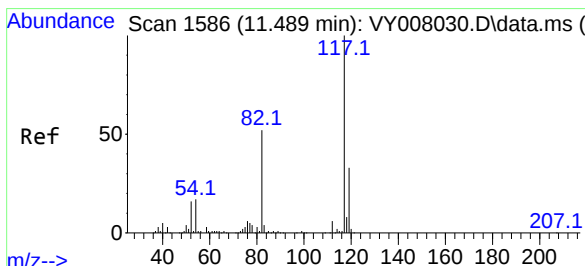
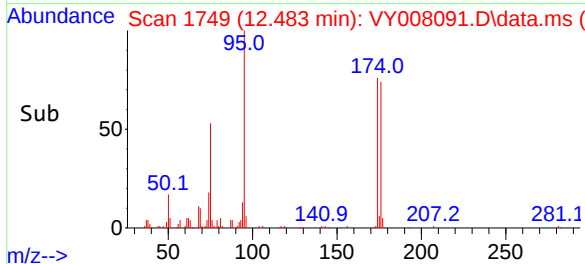
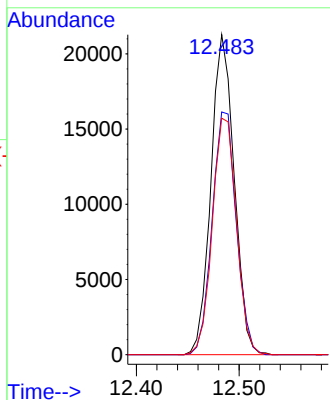
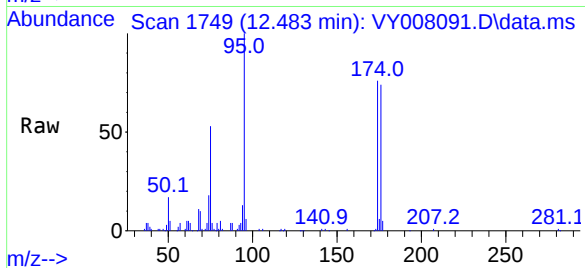




#62
4-Bromofluorobenzene
Concen: 53.834 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

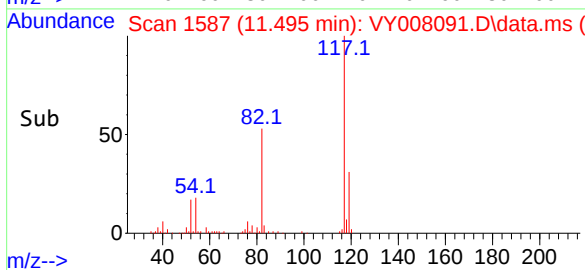
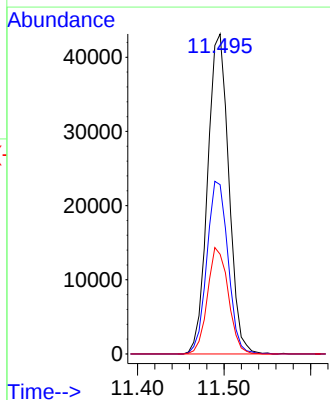
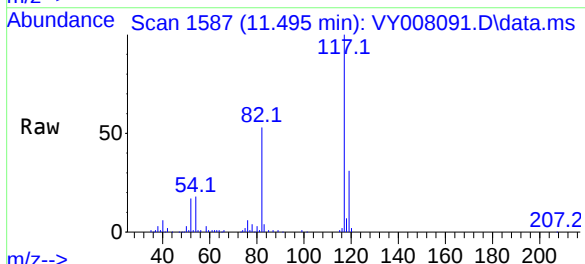
Instrument :
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ClientSampleId :
22L076-F

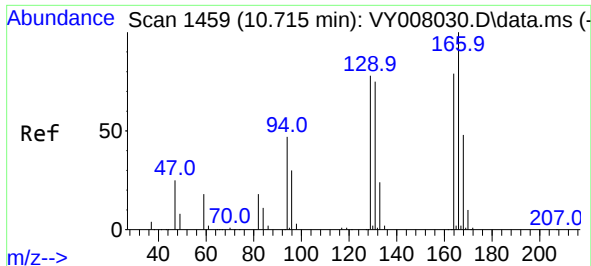
Tgt Ion: 95 Resp: 33404
Ion Ratio Lower Upper
95 100
174 78.7 0.0 177.0
176 76.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Tgt Ion: 117 Resp: 73168
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.2 25.4 38.0



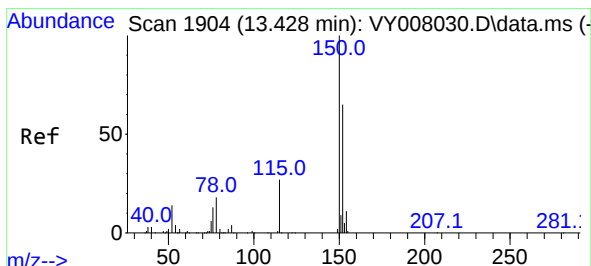
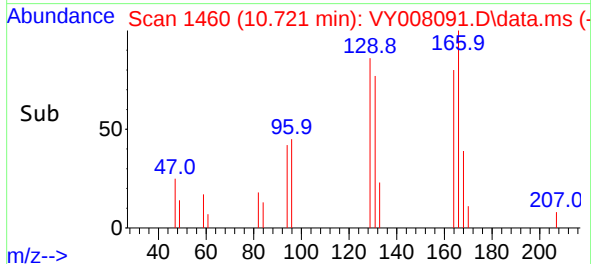
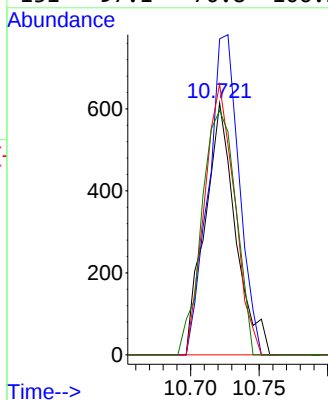
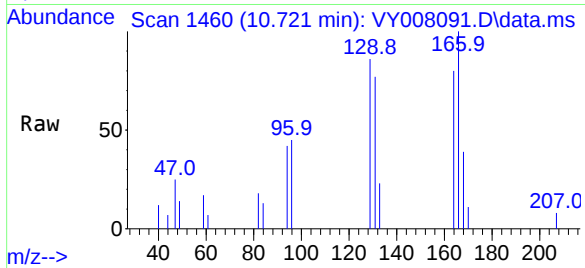


#64
Tetrachloroethene
Concen: 1.689 ug/l
RT: 10.721 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :
22L076-F

Tgt Ion:164 Resp: 949

Ion	Ratio	Lower	Upper
164	100		
166	125.6	100.4	150.6
129	107.5	71.4	107.0#
131	97.1	70.8	106.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Tgt Ion:152 Resp: 33377

Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.2	84.7
150	156.6	0.0	347.6

