

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007028.D
 Acq On : 06 Jan 2022 13:32
 Operator : SY/MD
 Sample : M5342-05RE
 Misc : 2.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-(0-2)RE

Quant Time: Jan 06 15:36:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

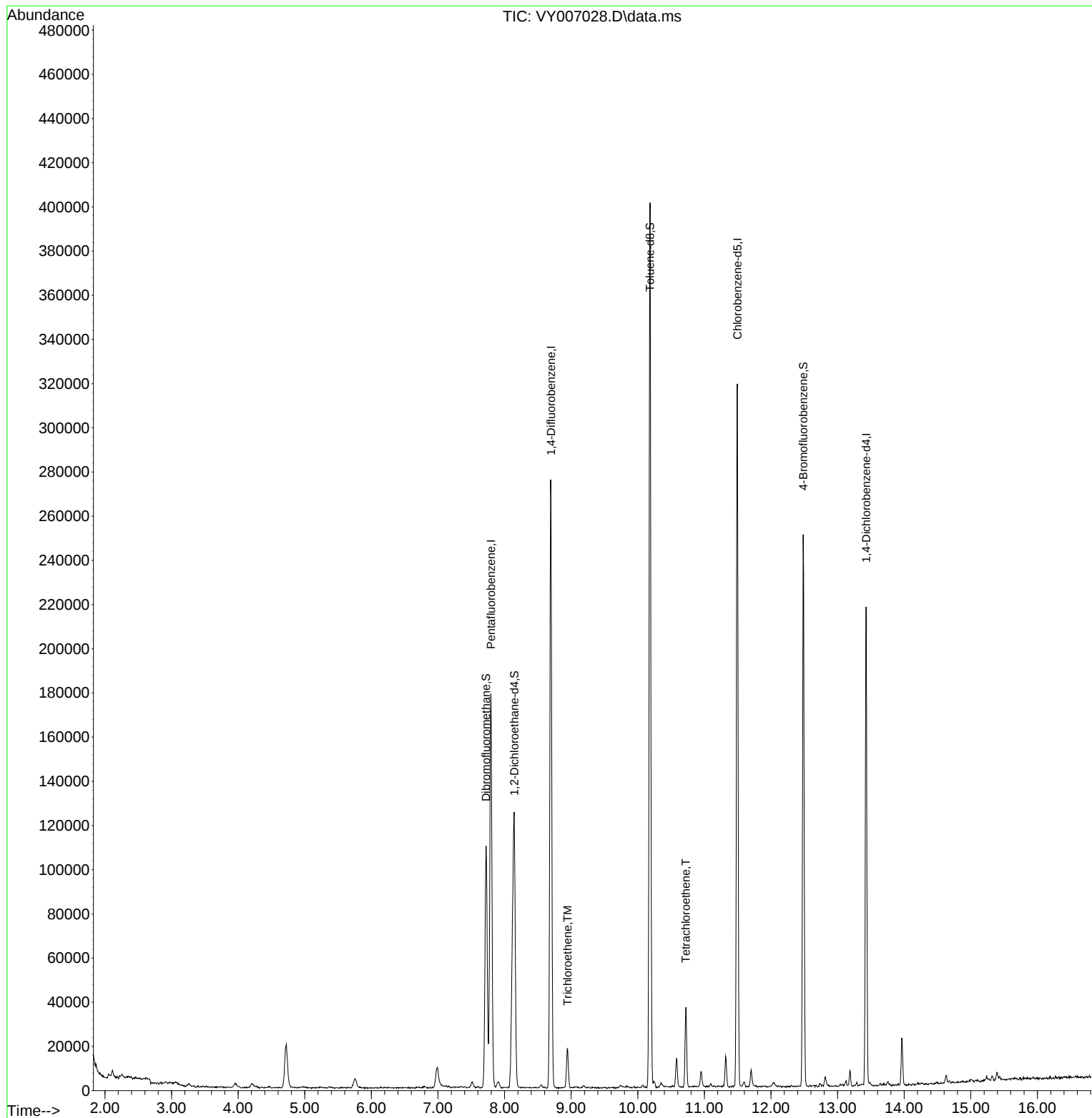
Internal Standards						
1) Pentafluorobenzene	7.795	168	134479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	239372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78615	49.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.722	113	80897	51.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.820%
50) Toluene-d8	10.185	98	270017	46.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.483	95	71730	32.579	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.160%
Target Compounds						
44) Trichloroethene	8.947	130	6344	3.183	ug/l	98
64) Tetrachloroethene	10.721	164	7736	5.712	ug/l	98

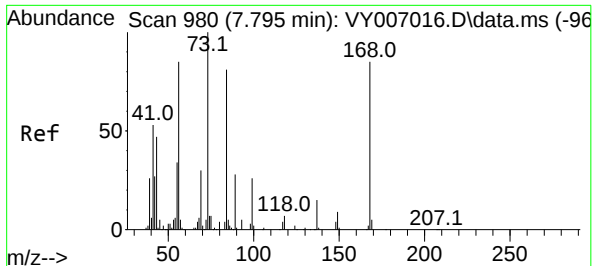
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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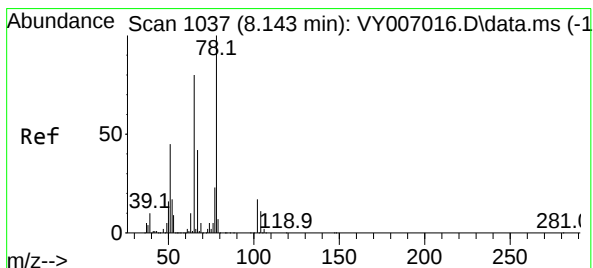
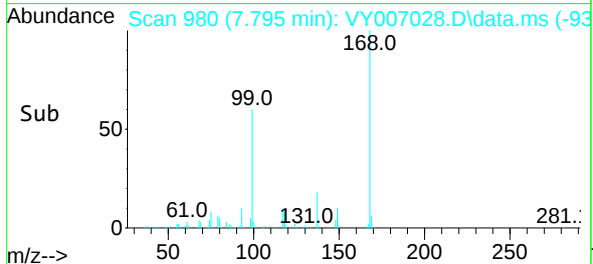
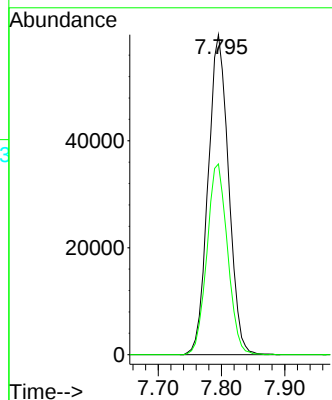
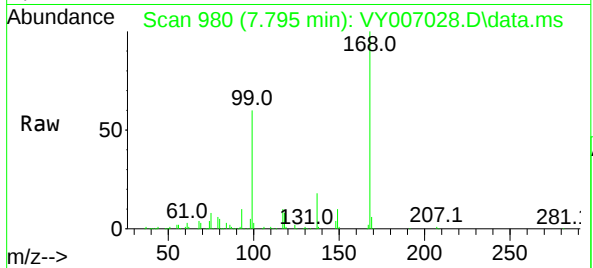




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007028.D
Acq: 06 Jan 2022 13:32

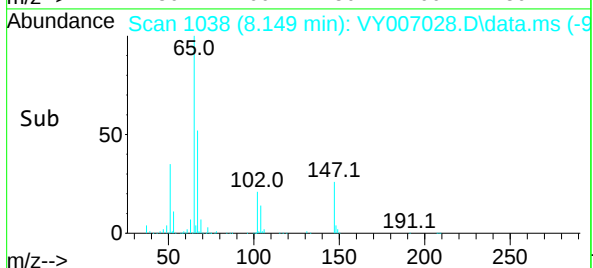
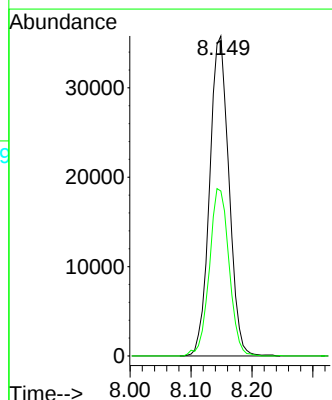
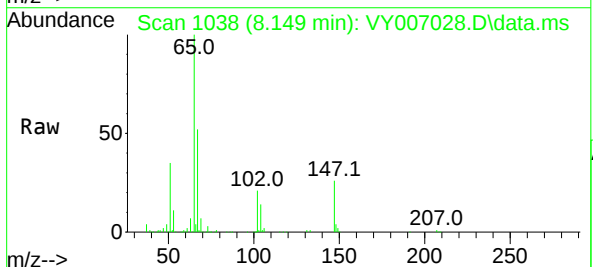
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-(0-2)RE

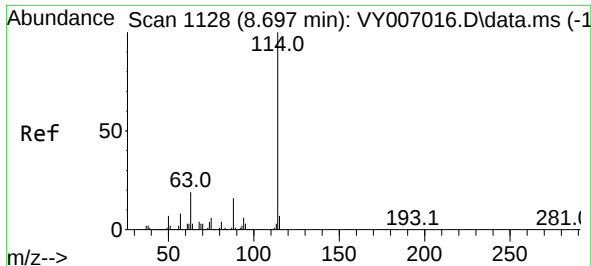
Tgt Ion:168 Resp: 134479
Ion Ratio Lower Upper
168 100
99 59.6 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 49.524 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007028.D
Acq: 06 Jan 2022 13:32

Tgt Ion: 65 Resp: 78615
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.8

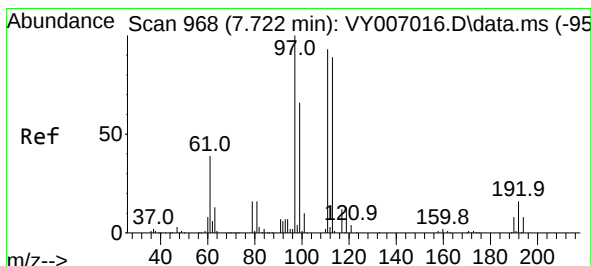
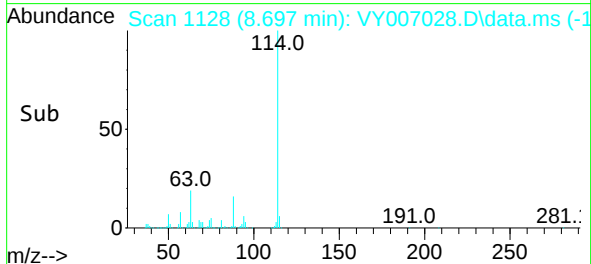
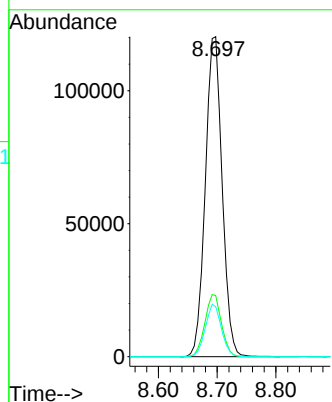
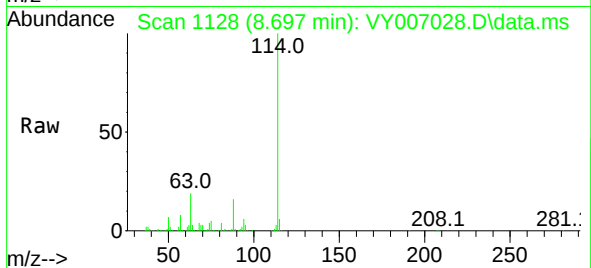




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY007028.D
Acq: 06 Jan 2022 13:32

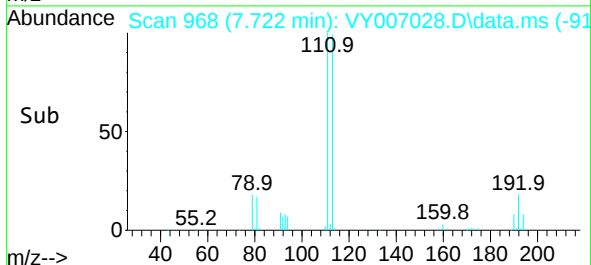
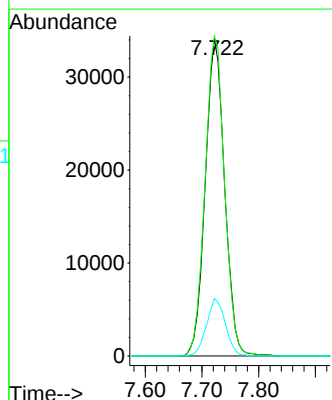
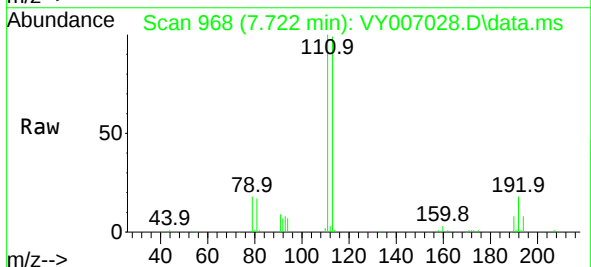
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-(0-2)RE

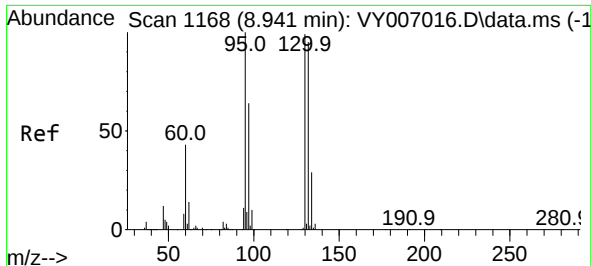
Tgt Ion:114 Resp: 239372
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.6
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.412 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007028.D
Acq: 06 Jan 2022 13:32

Tgt Ion:113 Resp: 80897
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 17.6 14.6 21.8

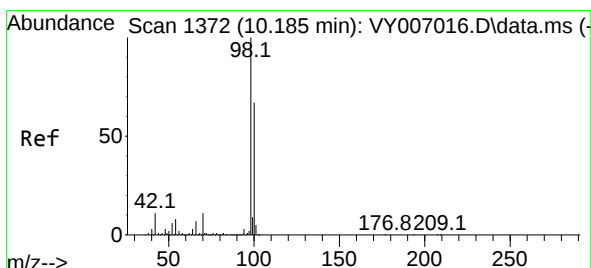
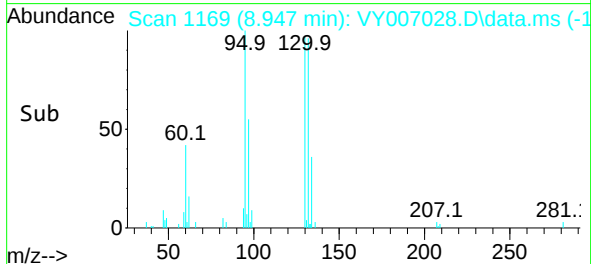
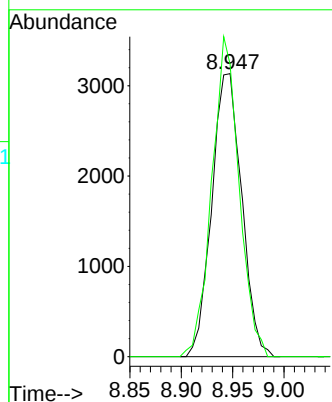
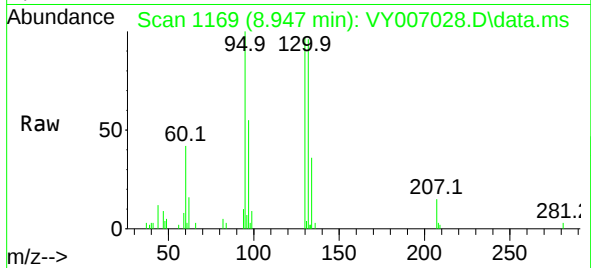




#44
Trichloroethene
Concen: 3.183 ug/l
RT: 8.947 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY007028.D
Acq: 06 Jan 2022 13:32

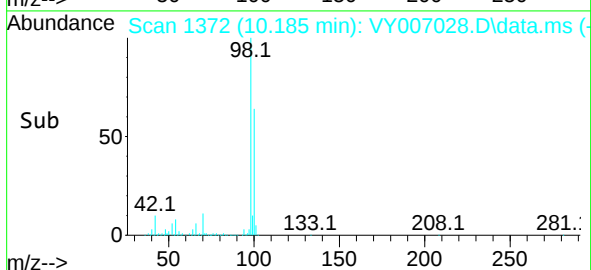
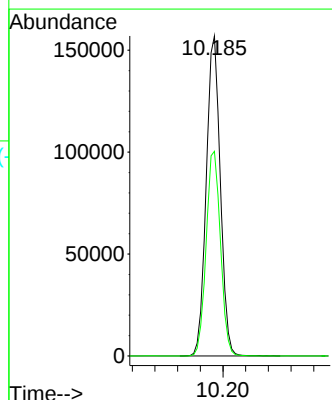
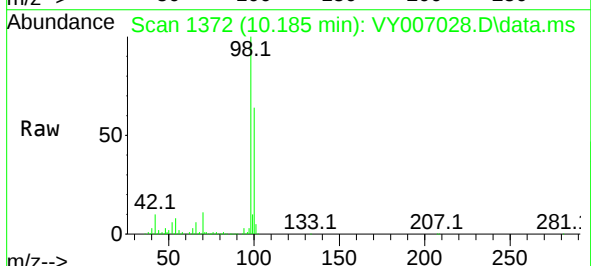
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-(0-2)RE

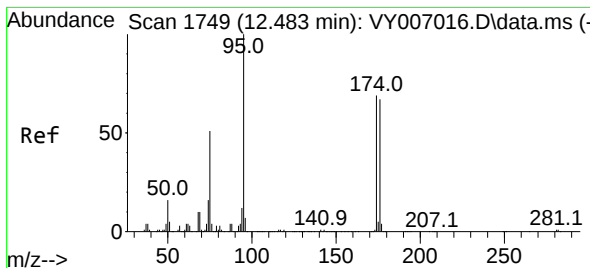
Tgt Ion:130 Resp: 6344
Ion Ratio Lower Upper
130 100
95 103.2 0.0 202.0



#50
Toluene-d8
Concen: 46.186 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007028.D
Acq: 06 Jan 2022 13:32

Tgt Ion: 98 Resp: 270017
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2

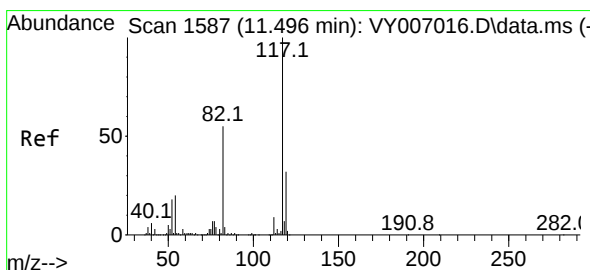
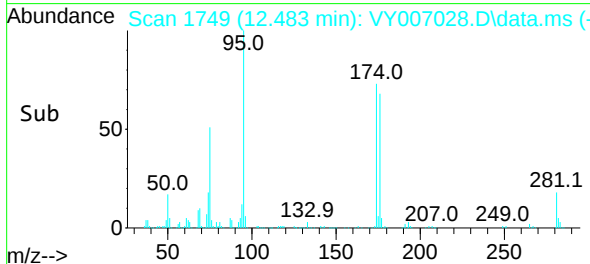
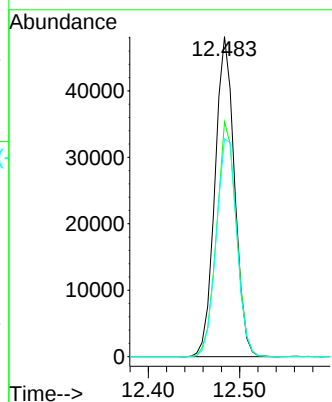
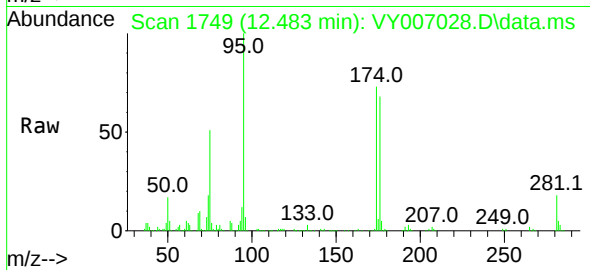




#62
4-Bromofluorobenzene
Concen: 32.579 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007028.D
Acq: 06 Jan 2022 13:32

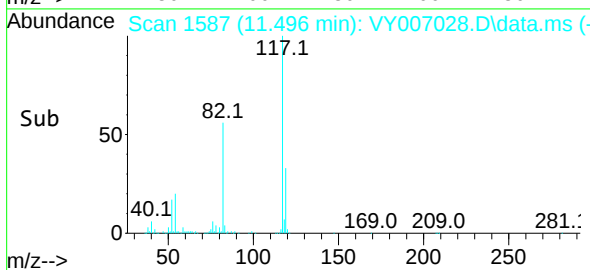
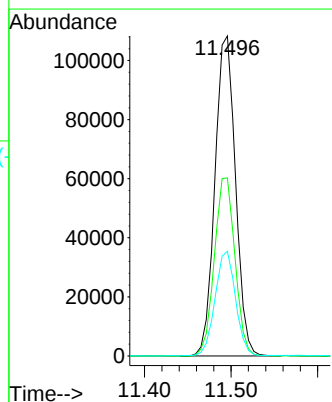
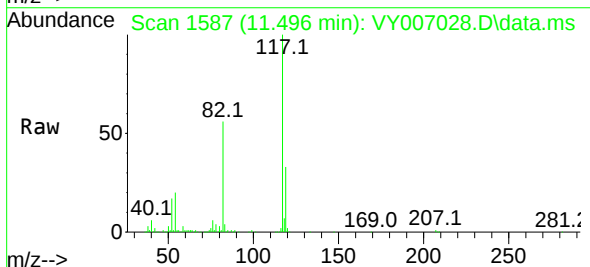
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-(0-2)RE

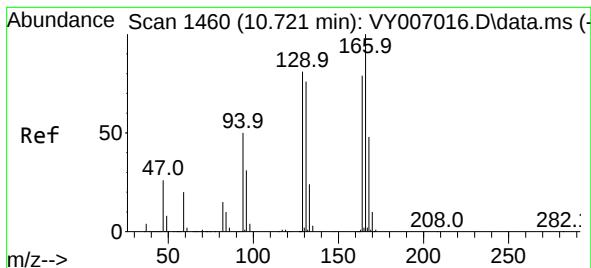
Tgt Ion: 95 Resp: 71730
Ion Ratio Lower Upper
95 100
174 74.2 0.0 144.6
176 71.8 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007028.D
Acq: 06 Jan 2022 13:32

Tgt Ion: 117 Resp: 178504
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 32.6 25.3 37.9





#64

Tetrachloroethene

Concen: 5.712 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY007028.D

Acq: 06 Jan 2022 13:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-8-(0-2)RE

Tgt Ion:164 Resp: 7736

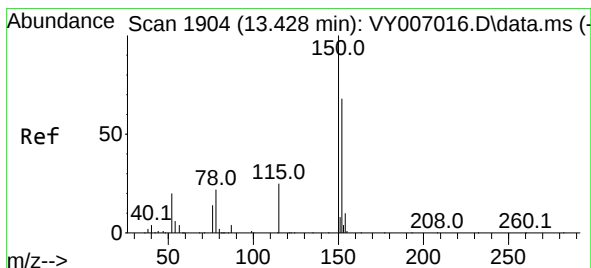
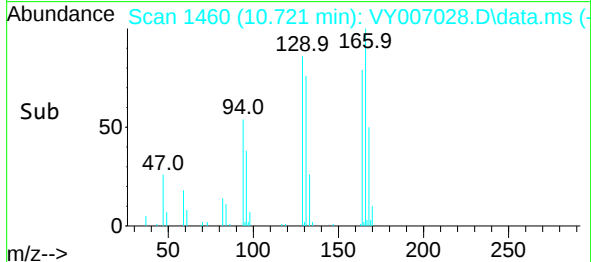
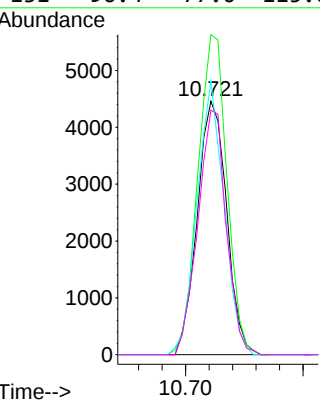
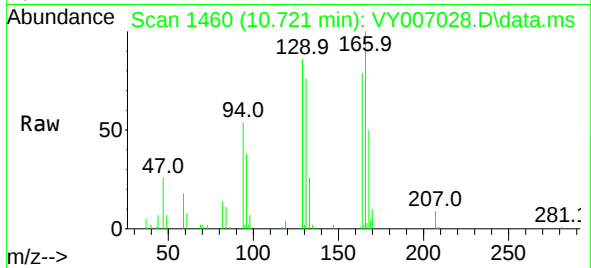
Ion Ratio Lower Upper

164 100

166 126.2 101.4 152.0

129 108.1 81.6 122.4

131 96.4 77.0 115.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007028.D

Acq: 06 Jan 2022 13:32

Tgt Ion:152 Resp: 55172

Ion Ratio Lower Upper

152 100

115 62.3 31.9 95.5

150 155.8 0.0 358.0

