

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006642.D
 Acq On : 05 Nov 2021 00:09
 Operator : SY/MD
 Sample : M4441-04
 Misc : 5.95G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2A

Quant Time: Nov 05 14:05:58 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)

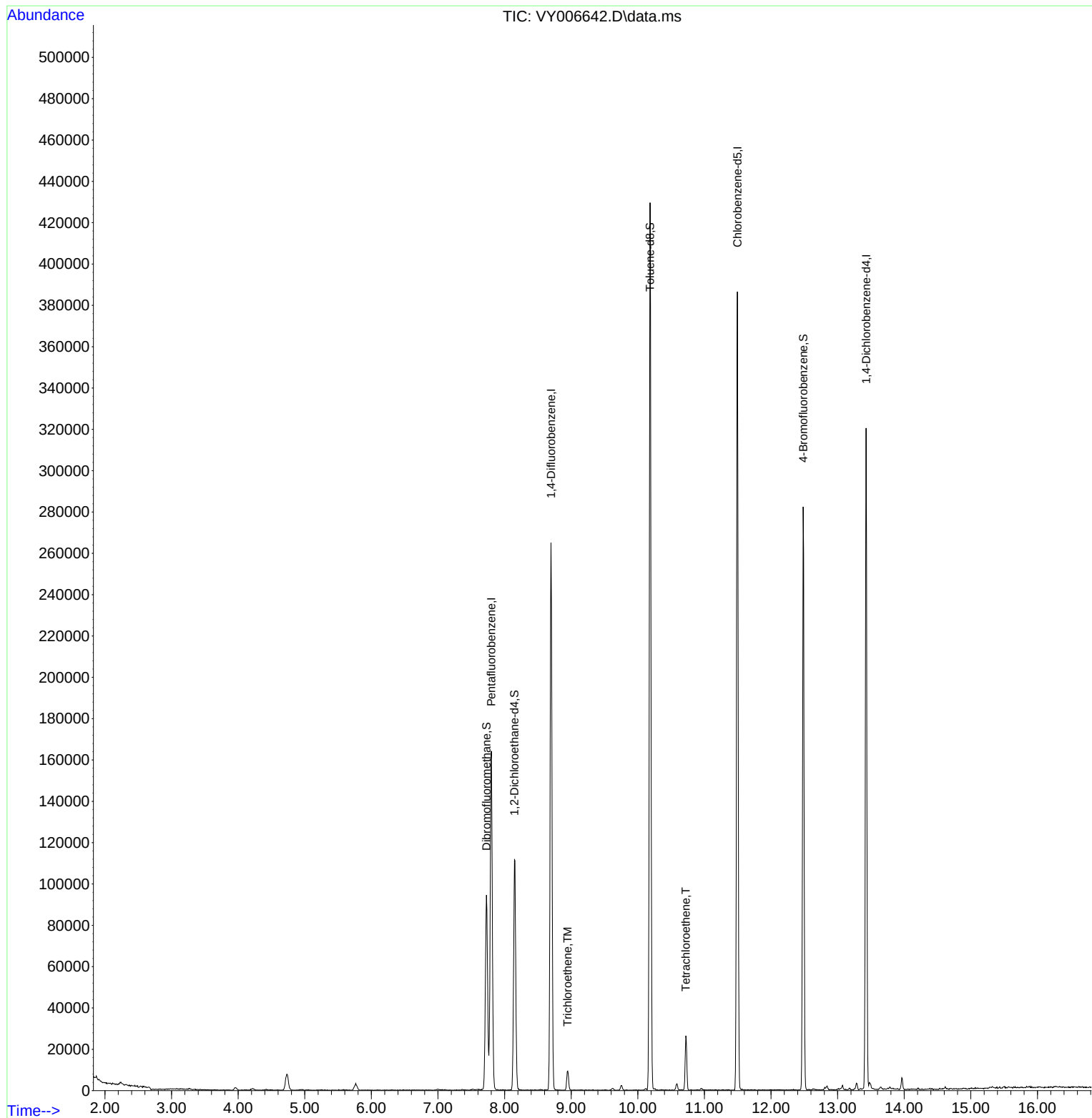
Internal Standards						
1) Pentafluorobenzene	7.801	168	121463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89384	59.80	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.60%	
35) Dibromofluoromethane	7.728	113	62806	54.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.88%	
50) Toluene-d8	10.185	98	262724	54.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.44%	
62) 4-Bromofluorobenzene	12.483	95	78681	48.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.40%	
Target Compounds						
						Qvalue
44) Trichloroethene	8.947	130	3441	2.31	ug/l	99
64) Tetrachloroethene	10.721	164	5537	3.38	ug/l	94

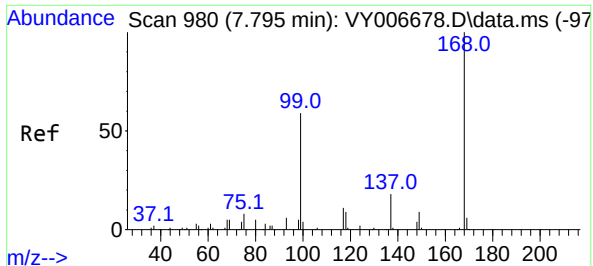
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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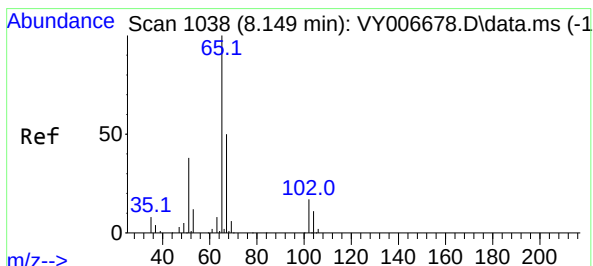
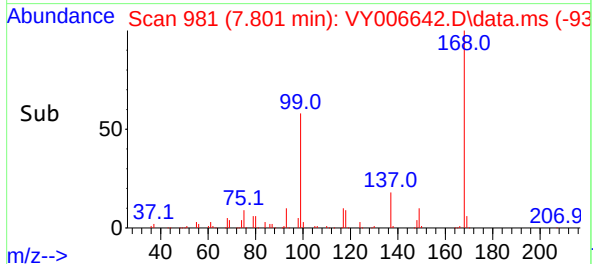
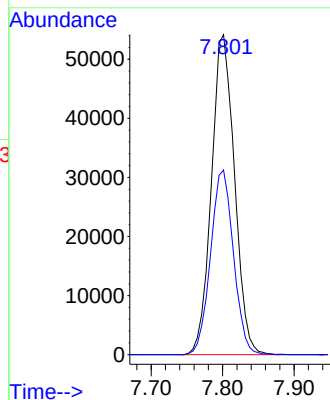
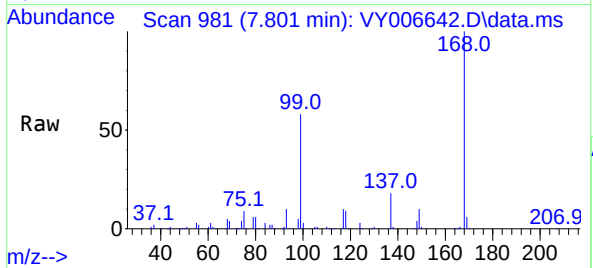




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006642.D
Acq: 05 Nov 2021 00:09

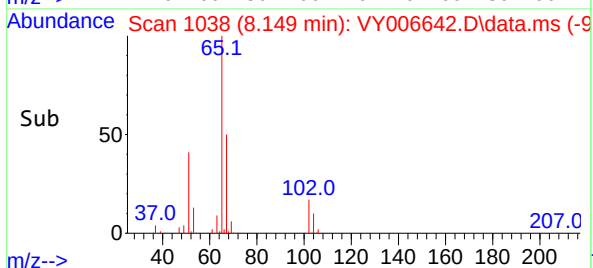
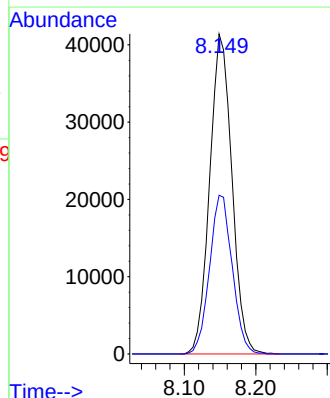
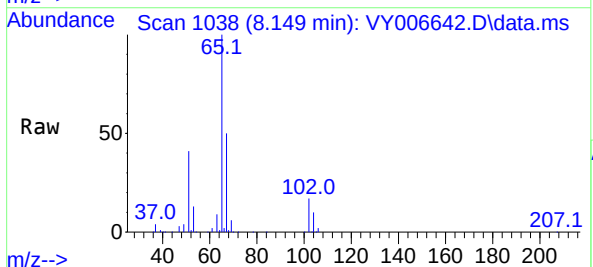
Instrument :
MSVOA_Y
ClientSampleId :
SB-2A

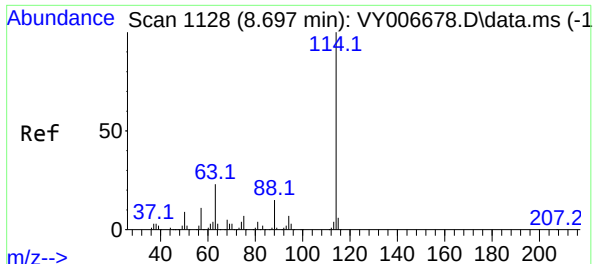
Tgt Ion:168 Resp: 121463
Ion Ratio Lower Upper
168 100
99 57.7 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 59.80 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006642.D
Acq: 05 Nov 2021 00:09

Tgt Ion: 65 Resp: 89384
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006642.D

Acq: 05 Nov 2021 00:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-2A

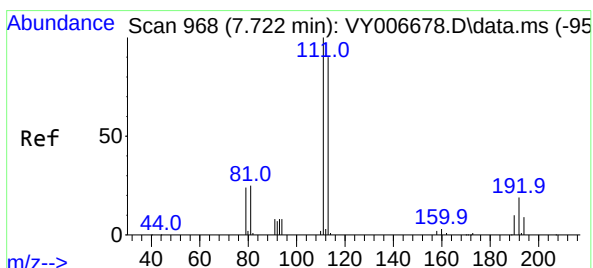
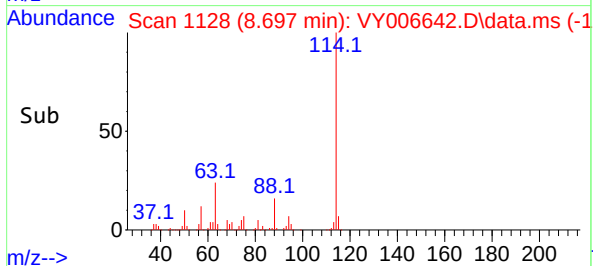
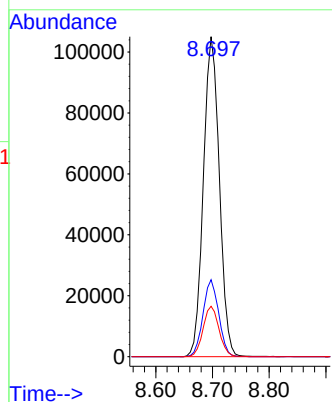
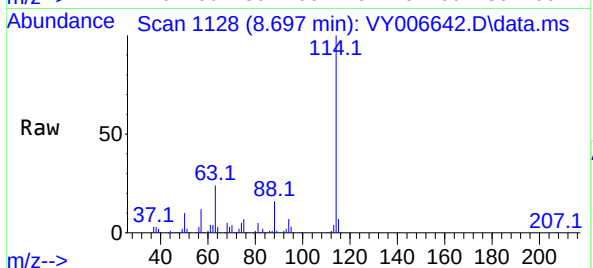
Tgt Ion:114 Resp: 205084

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.94 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006642.D

Acq: 05 Nov 2021 00:09

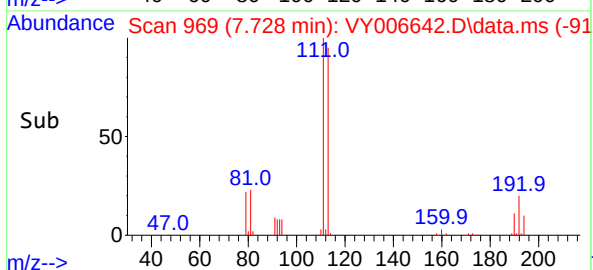
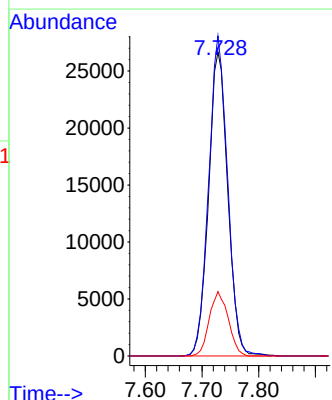
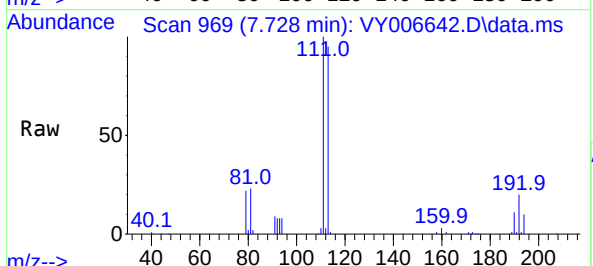
Tgt Ion:113 Resp: 62806

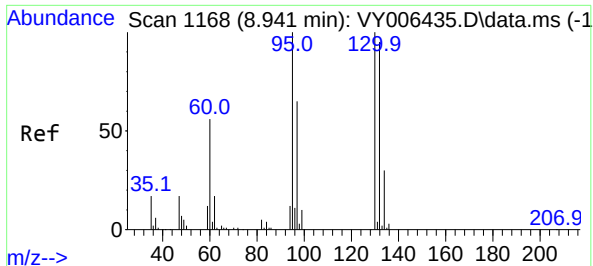
Ion Ratio Lower Upper

113 100

111 104.0 82.3 123.5

192 20.8 17.4 26.2

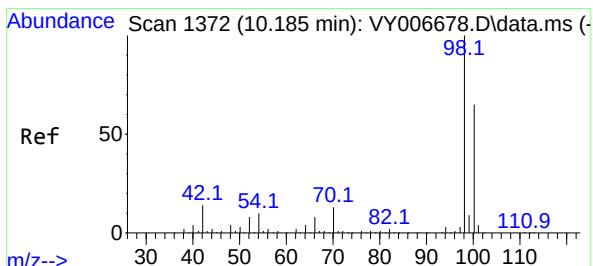
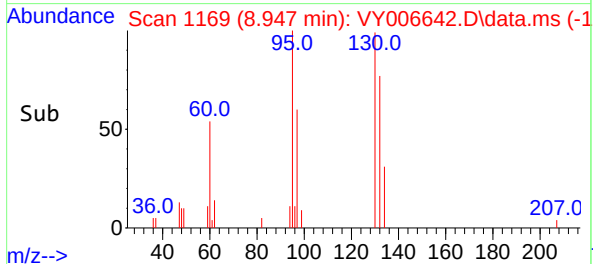
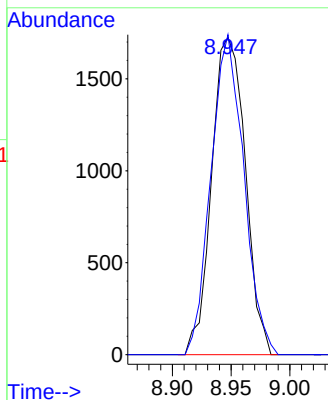
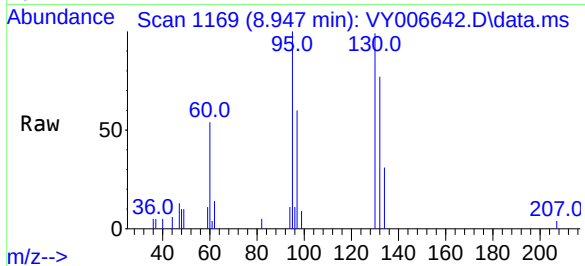




#44
 Trichloroethene
 Concen: 2.31 ug/l
 RT: 8.947 min Scan# 1169
 Delta R.T. 0.006 min
 Lab File: VY006642.D
 Acq: 05 Nov 2021 00:09

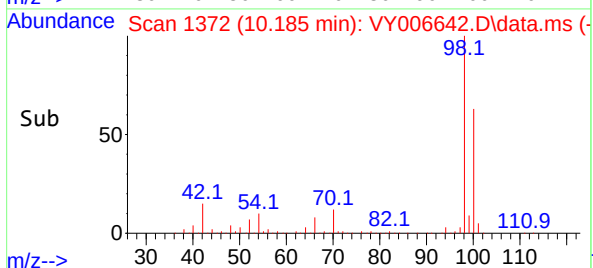
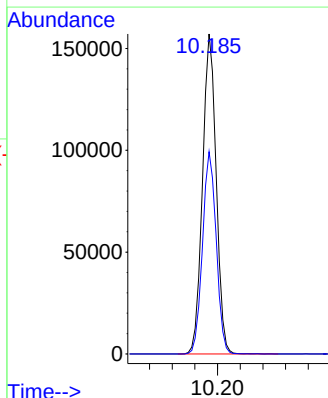
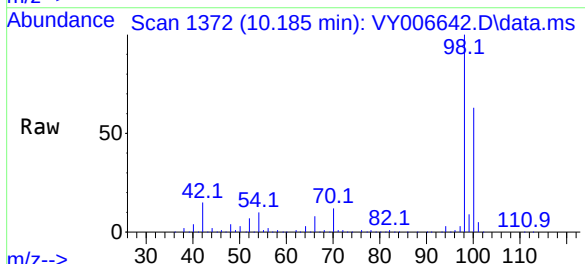
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2A

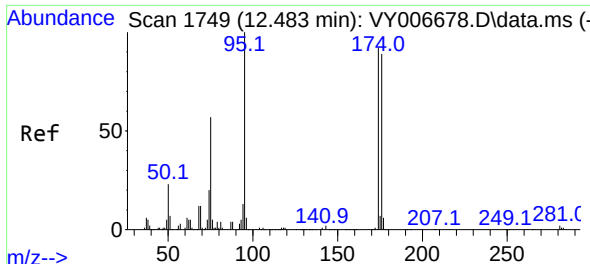
Tgt Ion:130 Resp: 3441
 Ion Ratio Lower Upper
 130 100
 95 100.8 0.0 200.4



#50
 Toluene-d8
 Concen: 54.22 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.000 min
 Lab File: VY006642.D
 Acq: 05 Nov 2021 00:09

Tgt Ion: 98 Resp: 262724
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.9 76.3

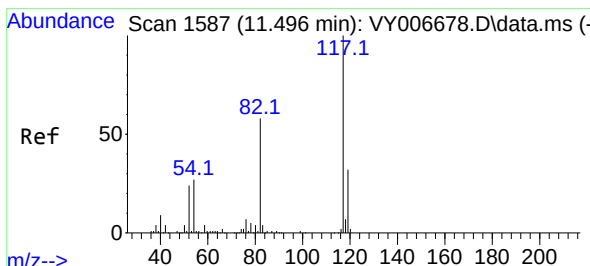
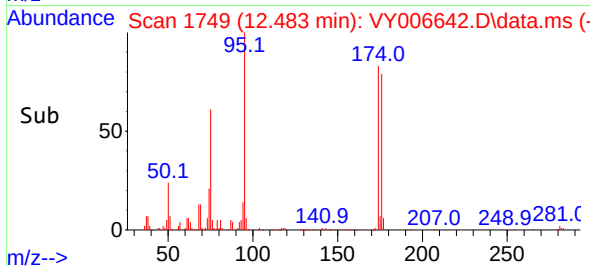
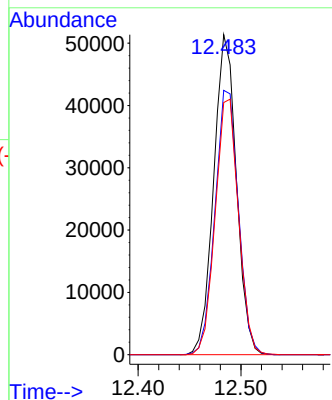
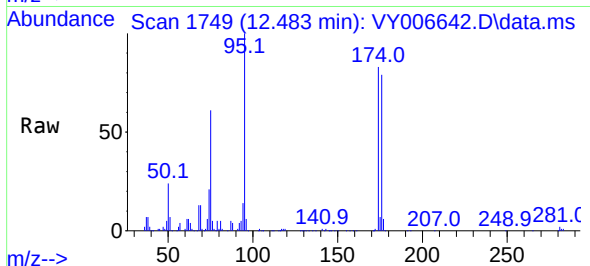




#62
4-Bromofluorobenzene
Concen: 48.20 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006642.D
Acq: 05 Nov 2021 00:09

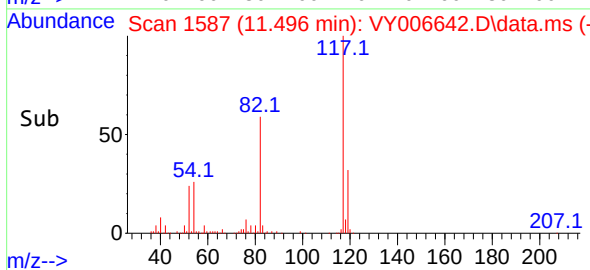
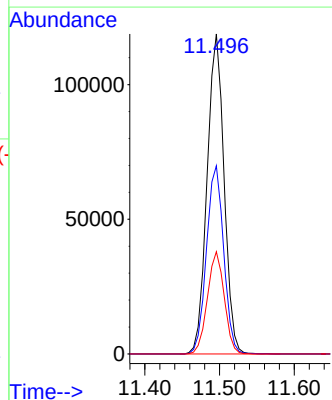
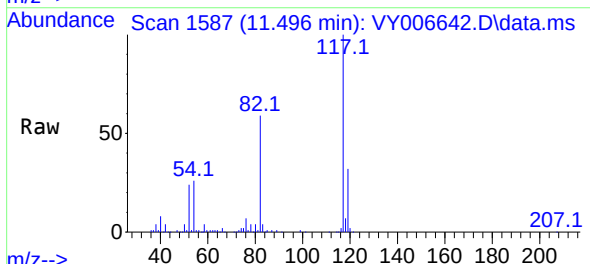
Instrument :
MSVOA_Y
ClientSampleId :
SB-2A

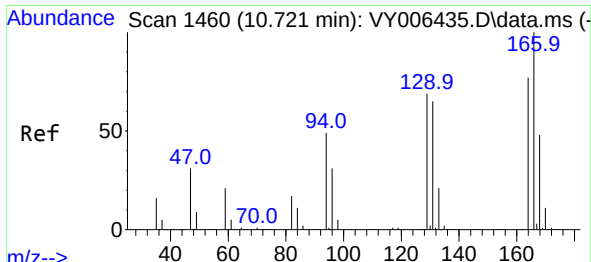
Tgt Ion: 95 Resp: 78681
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006642.D
Acq: 05 Nov 2021 00:09

Tgt Ion: 117 Resp: 187322
Ion Ratio Lower Upper
117 100
82 58.8 45.7 68.5
119 32.0 25.5 38.3

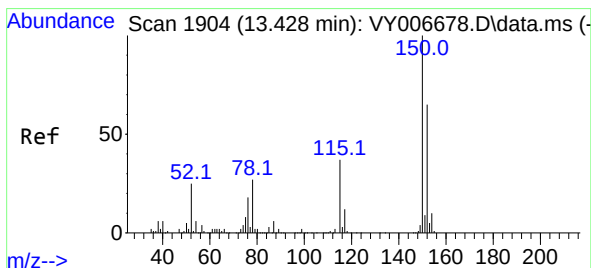
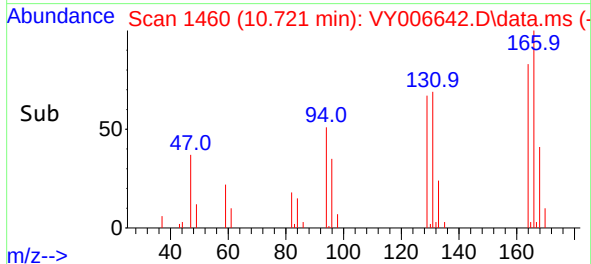
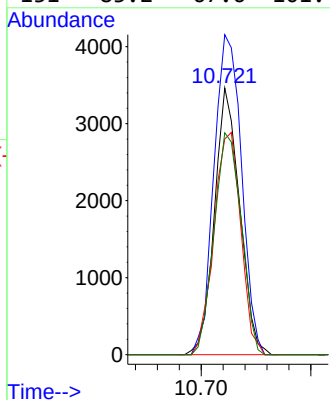
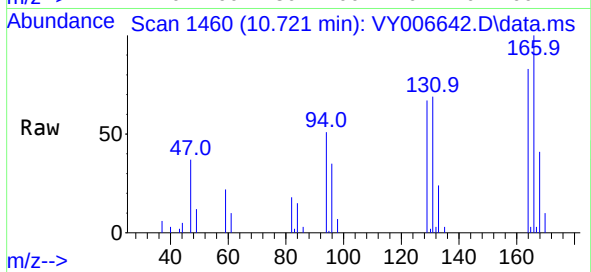




#64
Tetrachloroethene
Concen: 3.38 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006642.D
Acq: 05 Nov 2021 00:09

Instrument :
MSVOA_Y
ClientSampleId :
SB-2A

Tgt Ion:164 Resp: 5537
Ion Ratio Lower Upper
164 100
166 120.0 103.3 154.9
129 80.9 71.2 106.8
131 83.2 67.6 101.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006642.D
Acq: 05 Nov 2021 00:09

Tgt Ion:152 Resp: 74845
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 155.6 0.0 348.2

