

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006640.D
 Acq On : 04 Nov 2021 23:22
 Operator : SY/MD
 Sample : M4441-02
 Misc : 4.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1A

Quant Time: Nov 05 14:05:14 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)

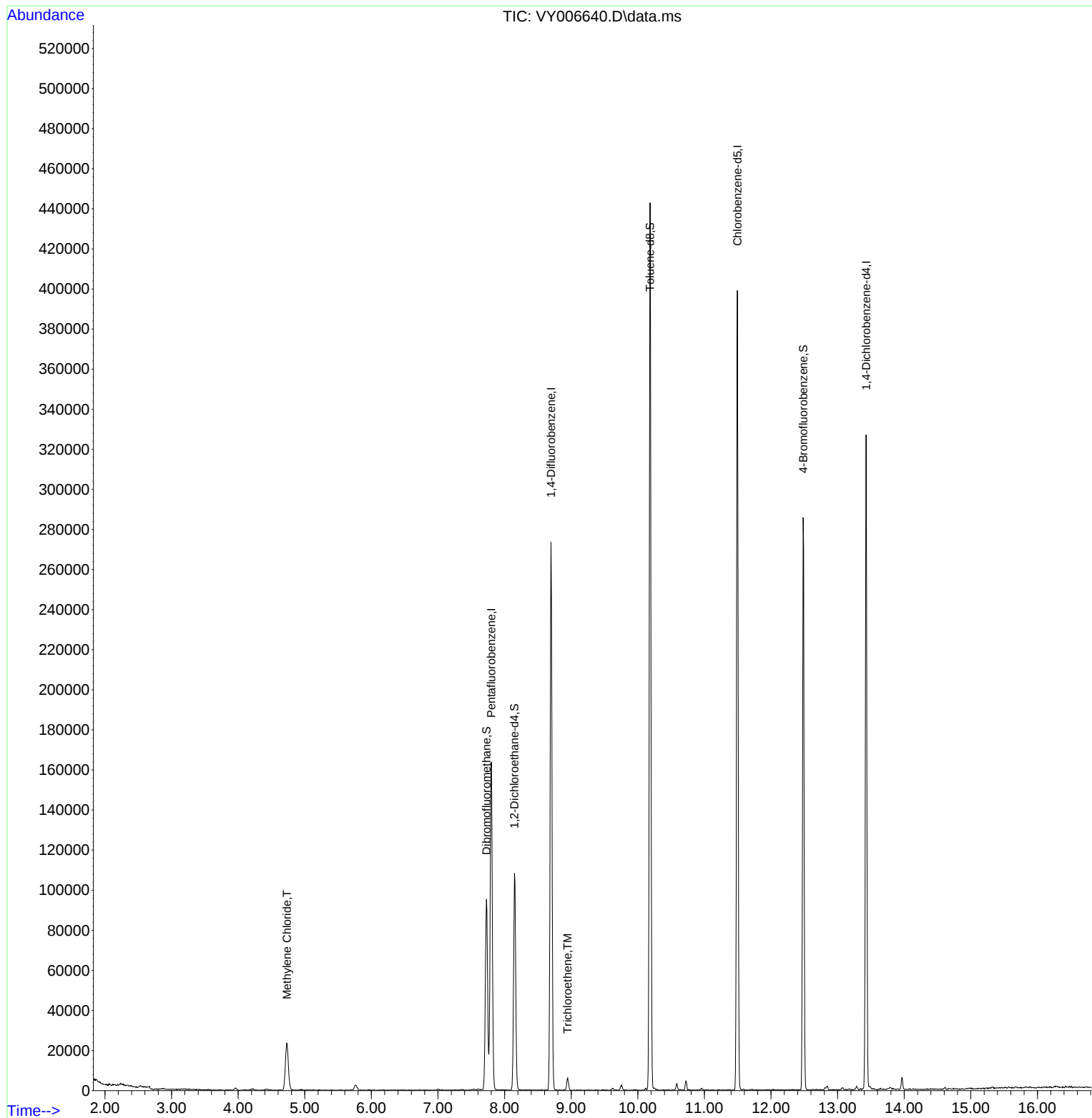
Internal Standards						
1) Pentafluorobenzene	7.801	168	123887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85404	56.02	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.04%	
35) Dibromofluoromethane	7.728	113	64821	55.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.66%	
50) Toluene-d8	10.185	98	269248	54.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.40%	
62) 4-Bromofluorobenzene	12.483	95	81631	49.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.46%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.735	84	16468	8.76	ug/l	97
44) Trichloroethene	8.947	130	1920	1.27	ug/l	93

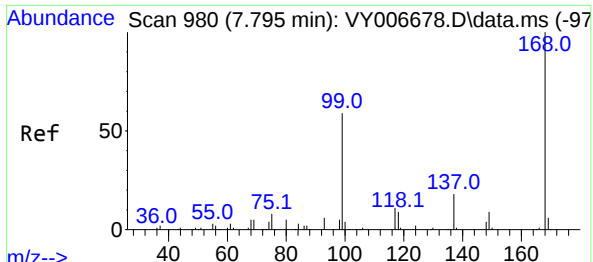
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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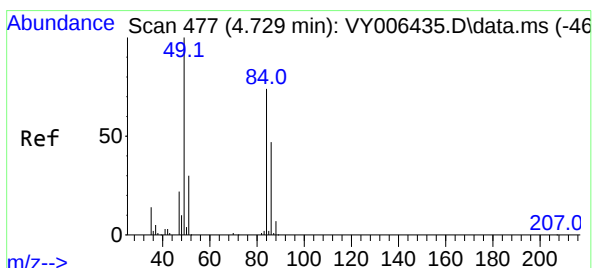
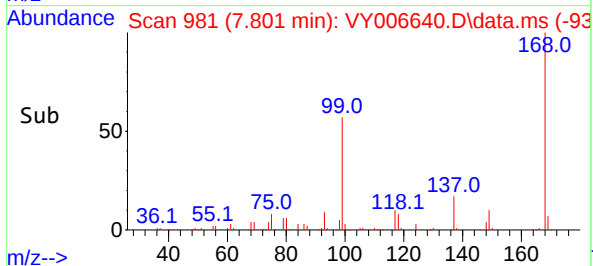
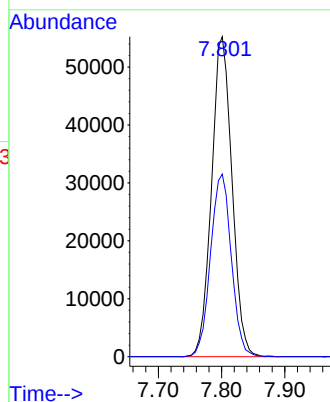
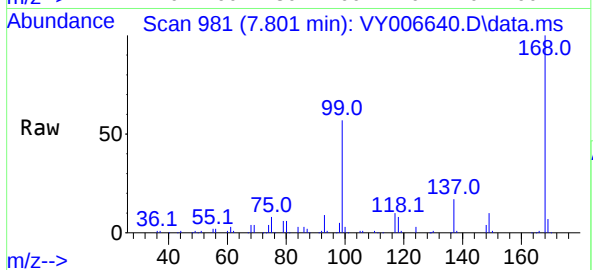




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006640.D
Acq: 04 Nov 2021 23:22

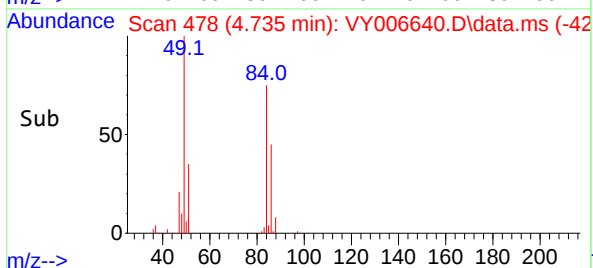
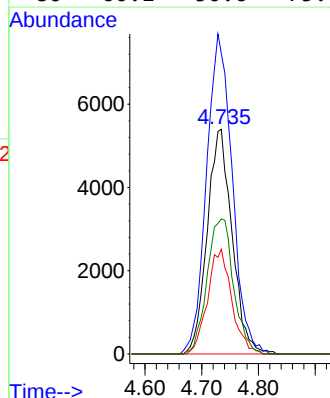
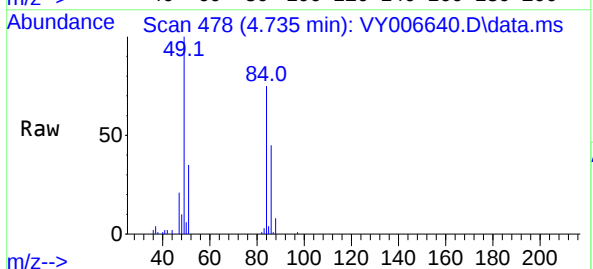
Instrument :
MSVOA_Y
ClientSampleId :
SB-1A

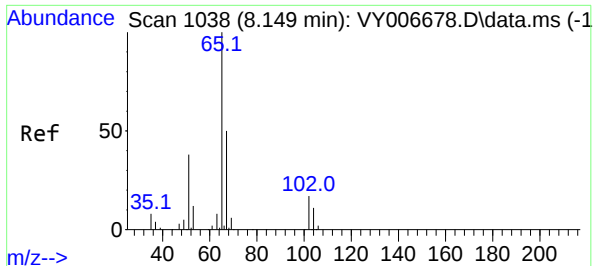
Tgt Ion:168 Resp: 123887
Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2



#20
Methylene Chloride
Concen: 8.76 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY006640.D
Acq: 04 Nov 2021 23:22

Tgt Ion: 84 Resp: 16468
Ion Ratio Lower Upper
84 100
49 133.7 107.8 161.8
51 46.6 32.8 49.2
86 60.1 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 56.02 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006640.D

Acq: 04 Nov 2021 23:22

Instrument :

MSVOA_Y

ClientSampleId :

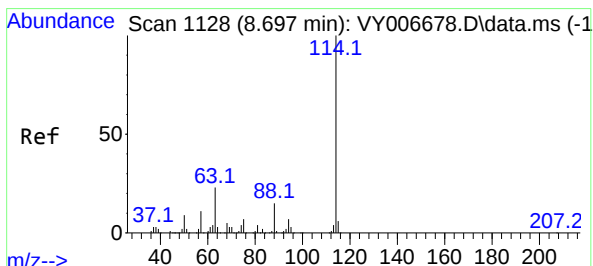
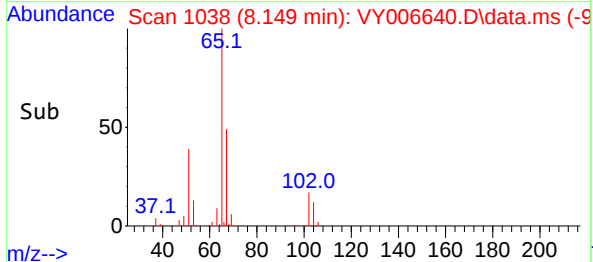
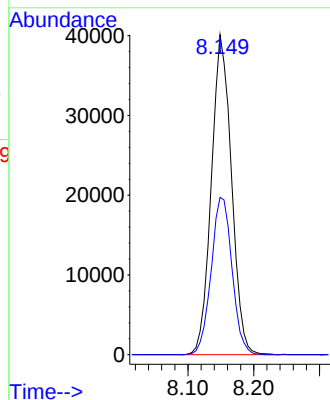
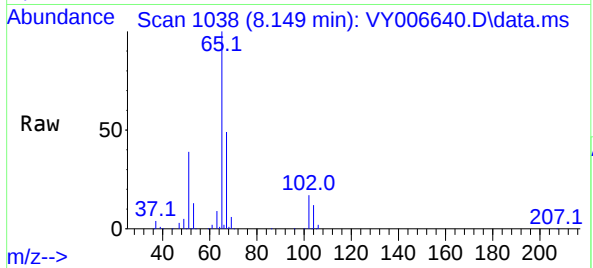
SB-1A

Tgt Ion: 65 Resp: 85404

Ion Ratio Lower Upper

65 100

67 51.0 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: VY006640.D

Acq: 04 Nov 2021 23:22

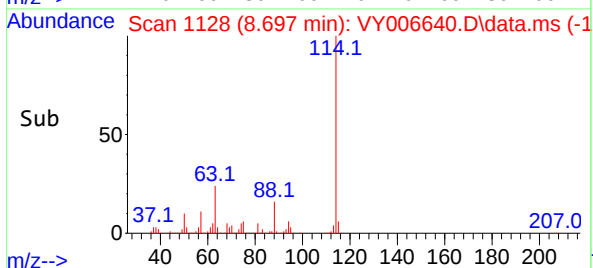
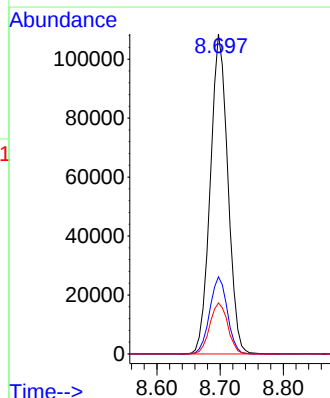
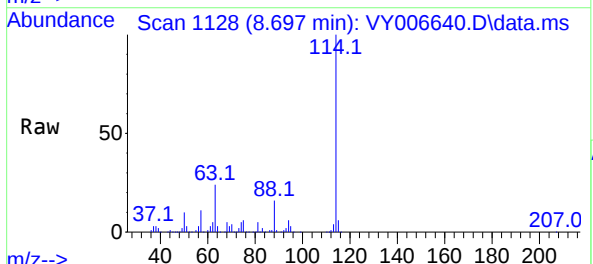
Tgt Ion: 114 Resp: 208318

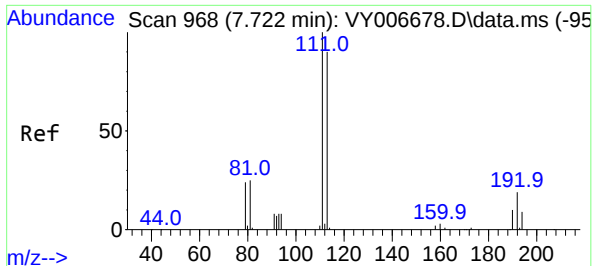
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.0

88 16.0 0.0 30.6

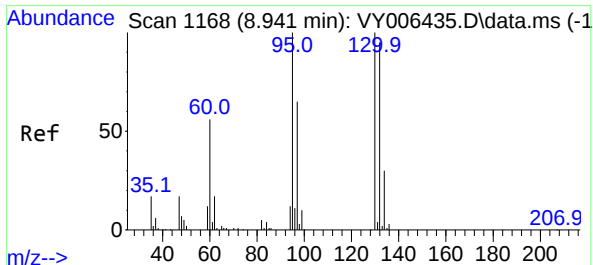
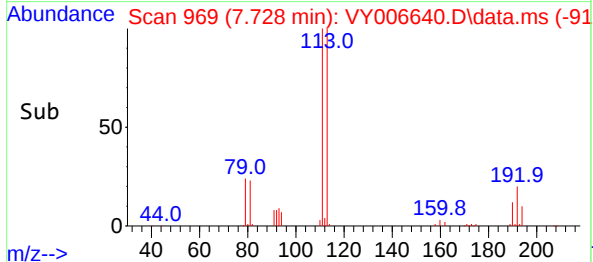
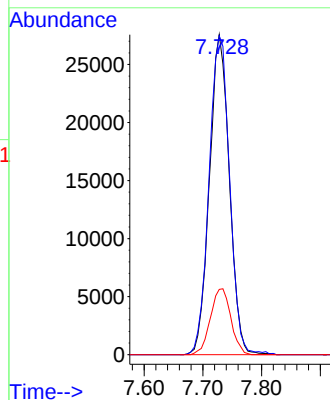
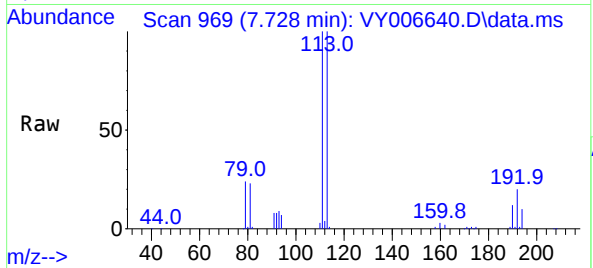




#35
Dibromofluoromethane
Concen: 55.83 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006640.D
Acq: 04 Nov 2021 23:22

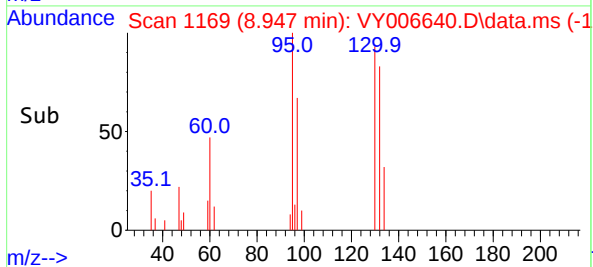
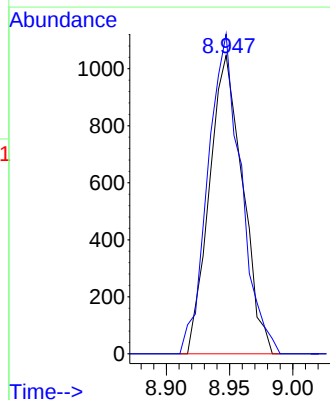
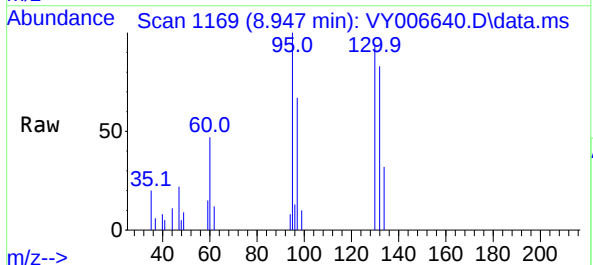
Instrument :
MSVOA_Y
ClientSampleId :
SB-1A

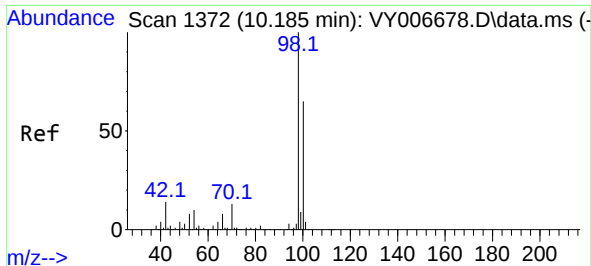
Tgt Ion:113 Resp: 64821
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 21.2 17.4 26.2



#44
Trichloroethene
Concen: 1.27 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY006640.D
Acq: 04 Nov 2021 23:22

Tgt Ion:130 Resp: 1920
Ion Ratio Lower Upper
130 100
95 107.2 0.0 200.4

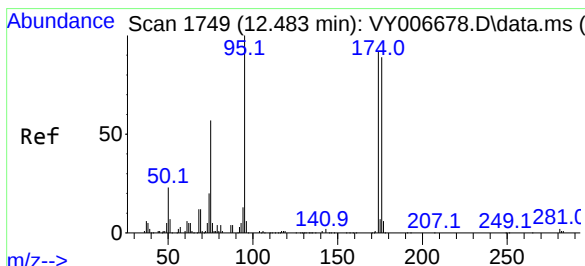
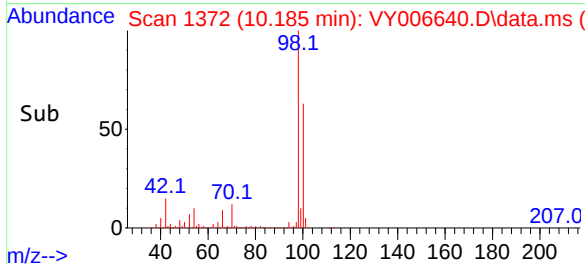
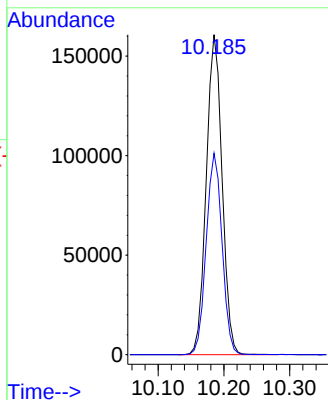
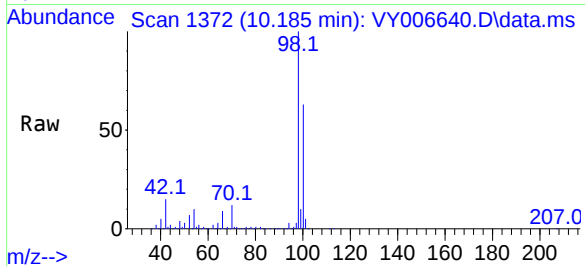




#50
Toluene-d8
Concen: 54.70 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006640.D
Acq: 04 Nov 2021 23:22

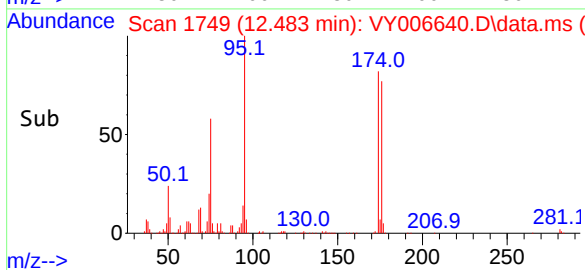
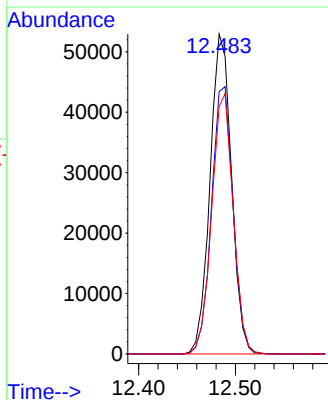
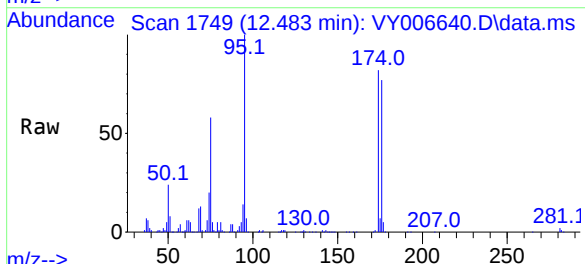
Instrument :
MSVOA_Y
ClientSampleId :
SB-1A

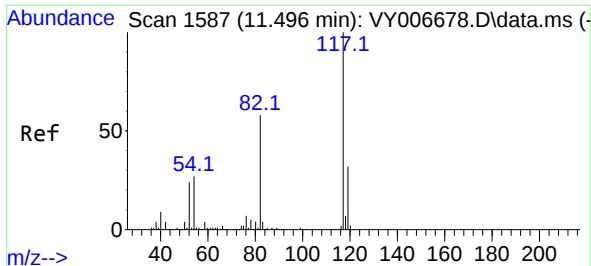
Tgt Ion: 98 Resp: 269248
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.23 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006640.D
Acq: 04 Nov 2021 23:22

Tgt Ion: 95 Resp: 81631
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 81.4 0.0 169.4

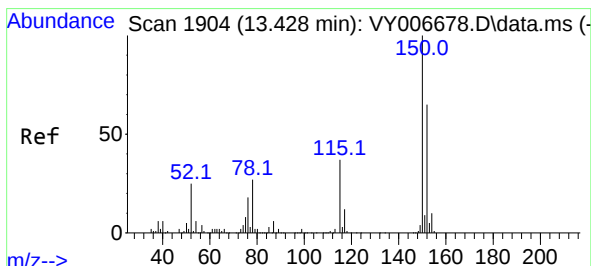
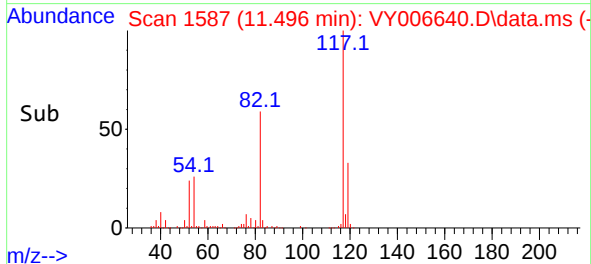
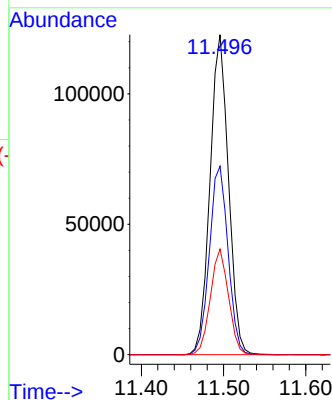
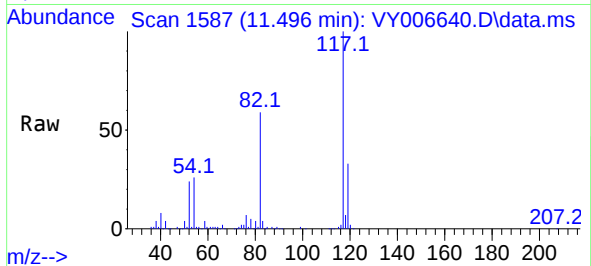




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006640.D
Acq: 04 Nov 2021 23:22

Instrument :
MSVOA_Y
ClientSampleId :
SB-1A

Tgt Ion:117 Resp: 191059
Ion Ratio Lower Upper
117 100
82 58.9 45.7 68.5
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006640.D
Acq: 04 Nov 2021 23:22

Tgt Ion:152 Resp: 76240
Ion Ratio Lower Upper
152 100
115 58.3 28.5 85.5
150 155.9 0.0 348.2

