

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY011993.D
 Acq On : 23 Dec 2022 13:28
 Operator : KP/MD
 Sample : N6196-05
 Misc : 8.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-5-3049

Quant Time: Dec 23 22:24:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

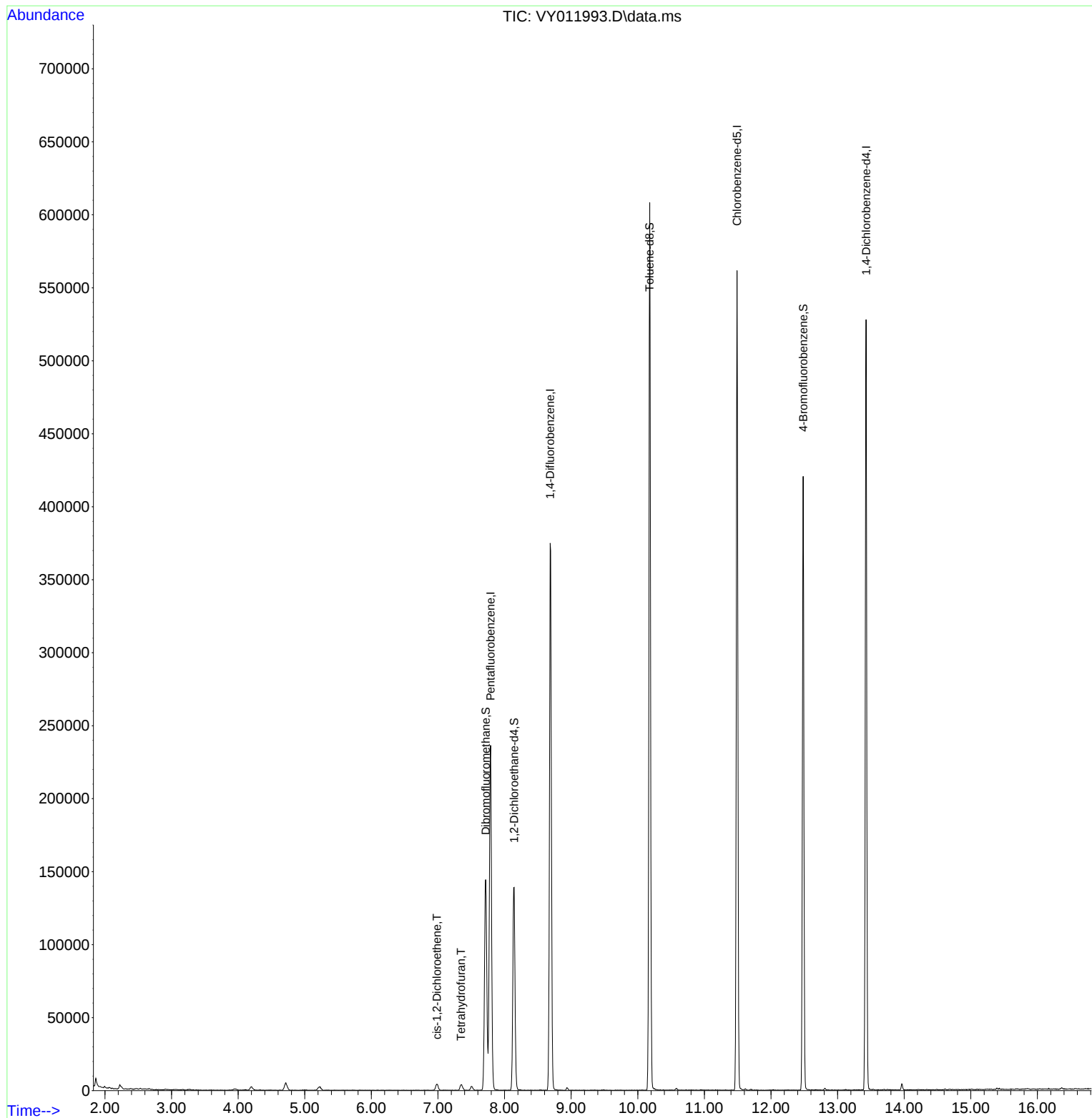
Internal Standards						
1) Pentafluorobenzene	7.789	168	184677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	327006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	304961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114106	61.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.660%	
35) Dibromofluoromethane	7.716	113	101470	51.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.080%	
50) Toluene-d8	10.179	98	394208	49.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.483	95	124063	46.183	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.360%	
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	6.984	96	2882	1.342	ug/l	84
29) Tetrahydrofuran	7.344	42	2980	8.486	ug/l	93

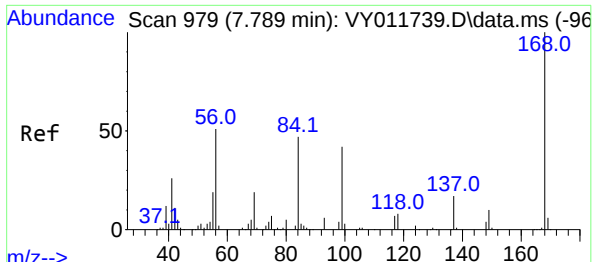
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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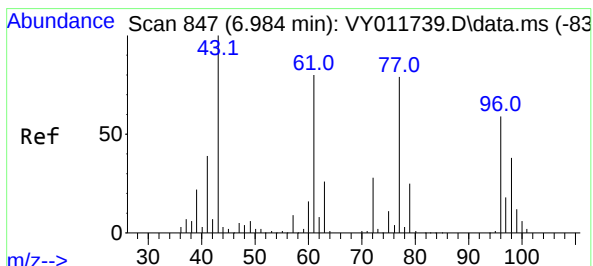
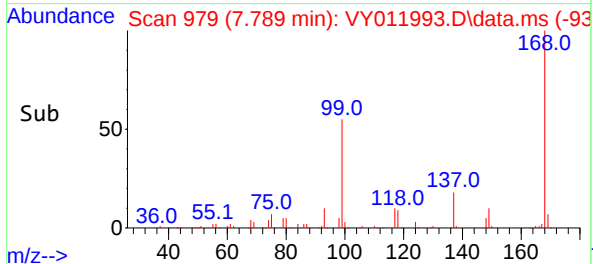
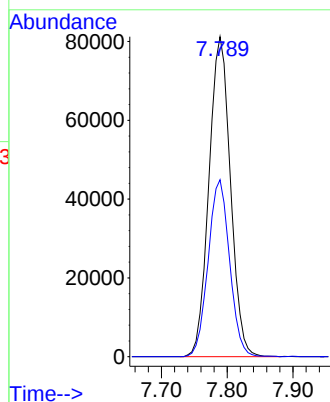
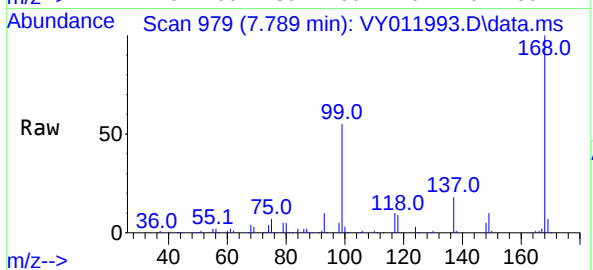




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011993.D
Acq: 23 Dec 2022 13:28

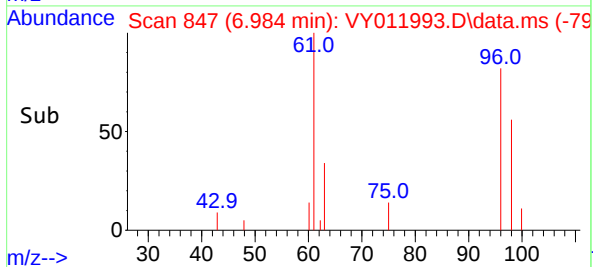
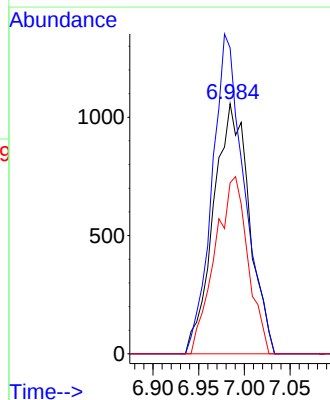
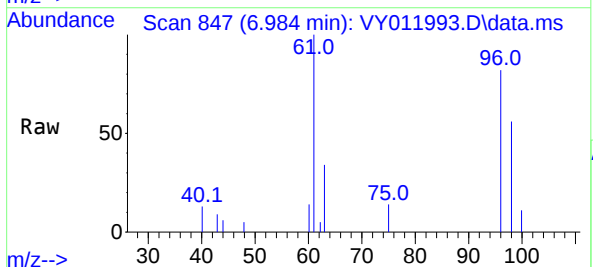
Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-3049

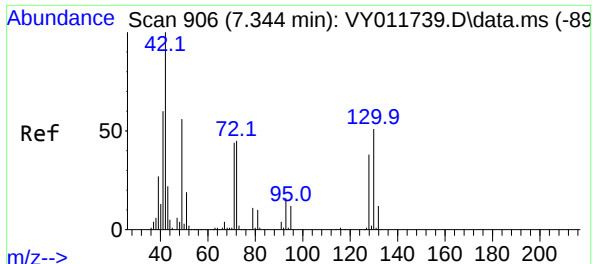
Tgt Ion:168 Resp: 184677
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#27
cis-1,2-Dichloroethene
Concen: 1.342 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011993.D
Acq: 23 Dec 2022 13:28

Tgt Ion: 96 Resp: 2882
Ion Ratio Lower Upper
96 100
61 114.5 0.0 283.4
98 65.3 0.0 127.6

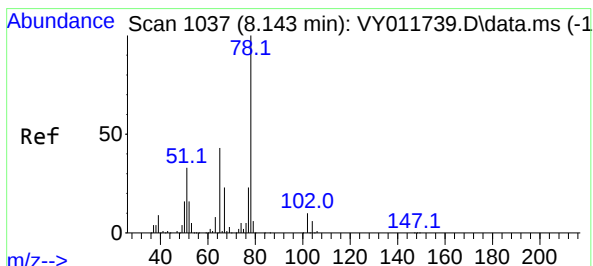
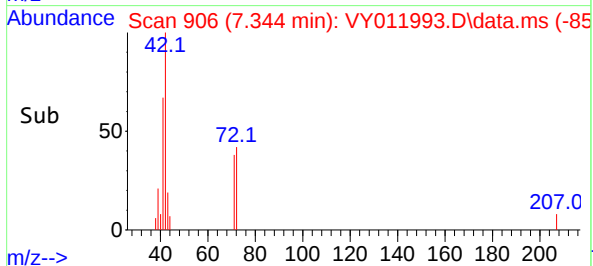
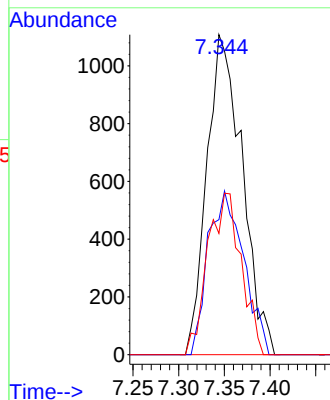
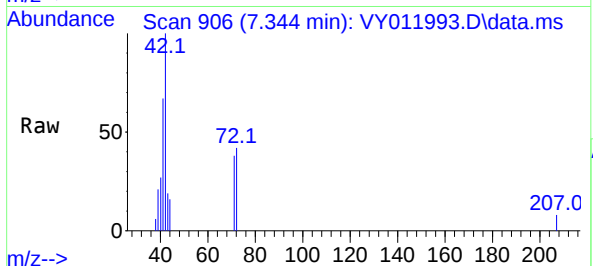




#29
Tetrahydrofuran
Concen: 8.486 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY011993.D
Acq: 23 Dec 2022 13:28

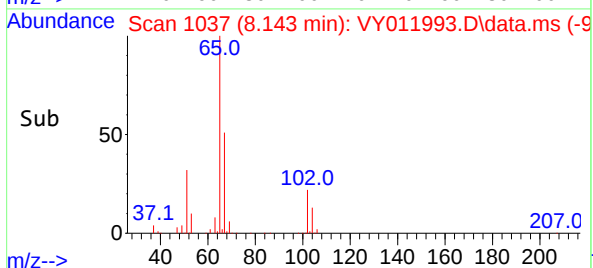
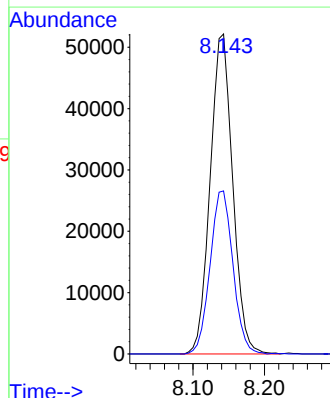
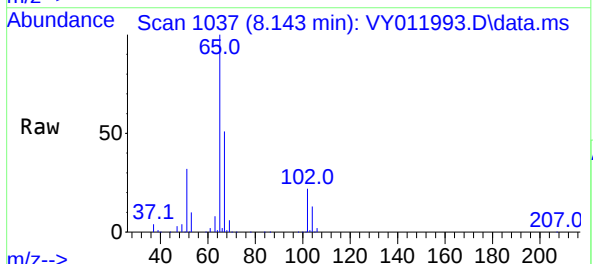
Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-3049

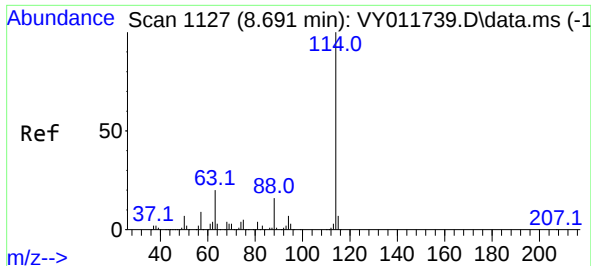
Tgt Ion:	42	Resp:	2980
Ion	Ratio	Lower	Upper
42	100		
72	51.3	37.0	55.6
71	47.8	34.9	52.3



#33
1,2-Dichloroethane-d4
Concen: 61.328 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011993.D
Acq: 23 Dec 2022 13:28

Tgt Ion:	65	Resp:	114106
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY011993.D

Acq: 23 Dec 2022 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VOC-5-3049

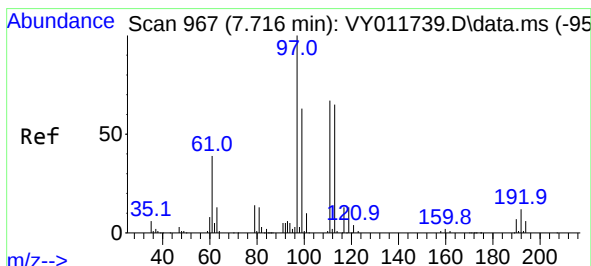
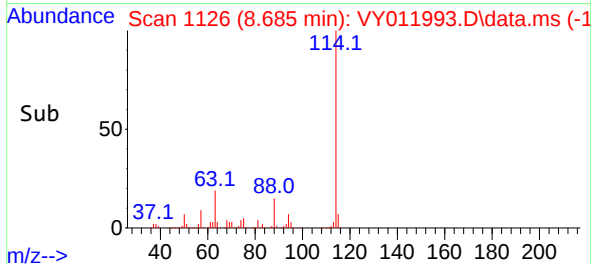
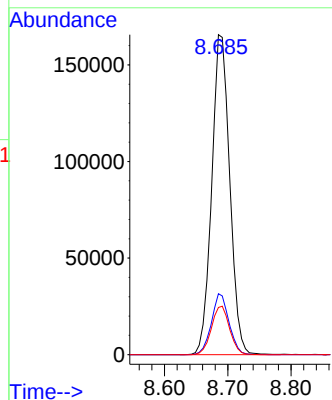
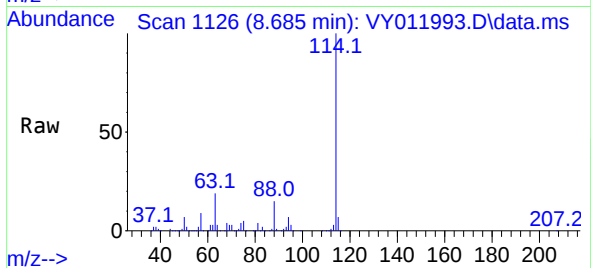
Tgt Ion:114 Resp: 327006

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.542 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011993.D

Acq: 23 Dec 2022 13:28

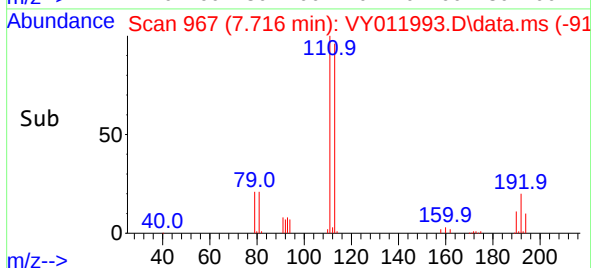
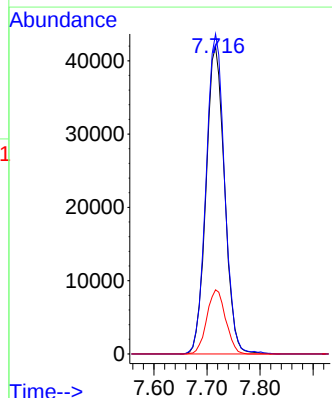
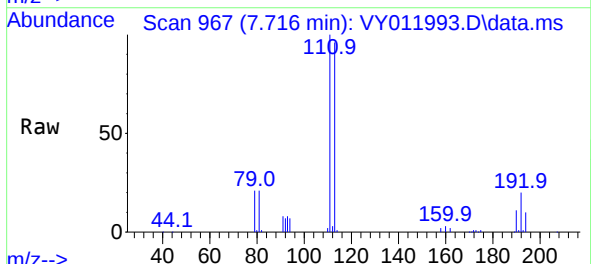
Tgt Ion:113 Resp: 101470

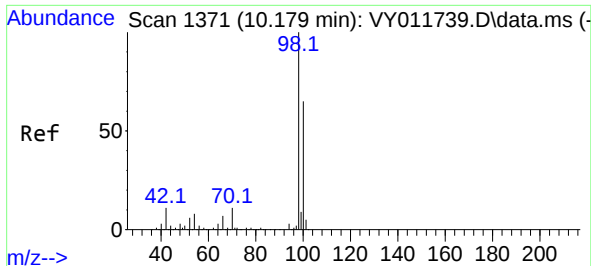
Ion Ratio Lower Upper

113 100

111 104.2 83.0 124.4

192 21.2 16.0 24.0

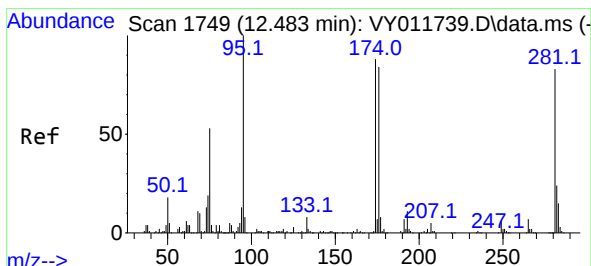
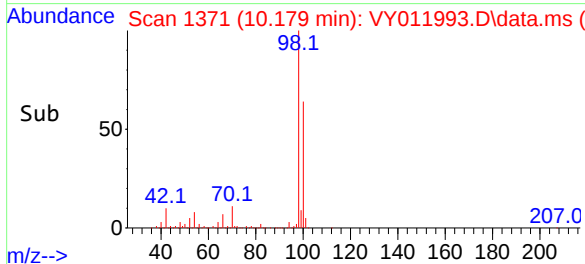
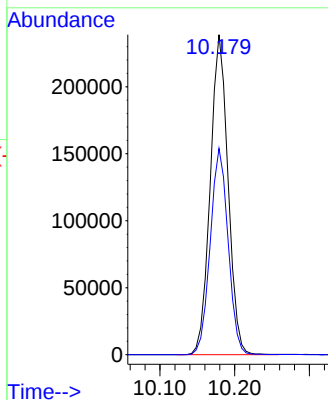
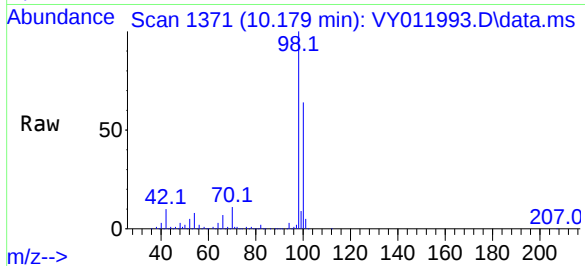




#50
Toluene-d8
Concen: 49.354 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011993.D
Acq: 23 Dec 2022 13:28

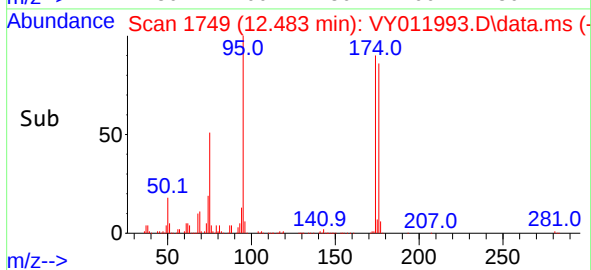
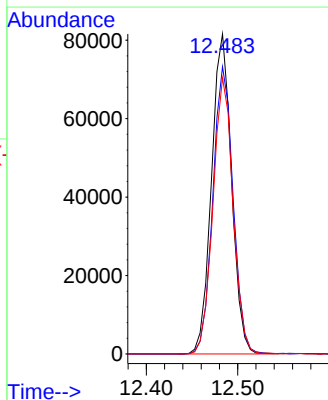
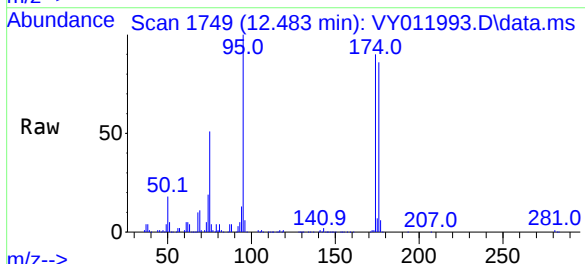
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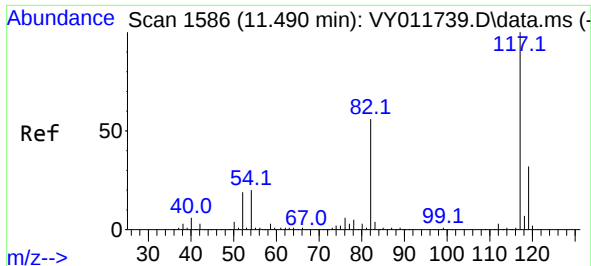
Tgt Ion: 98 Resp: 394208
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.183 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011993.D
Acq: 23 Dec 2022 13:28

Tgt Ion: 95 Resp: 124063
Ion Ratio Lower Upper
95 100
174 90.9 0.0 172.0
176 86.6 0.0 167.6

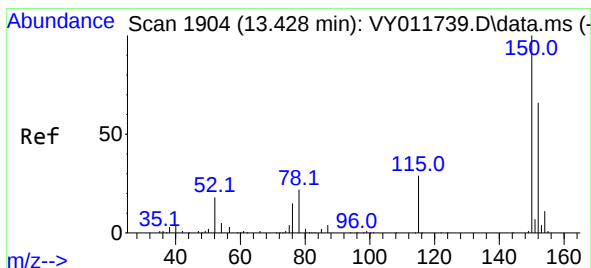
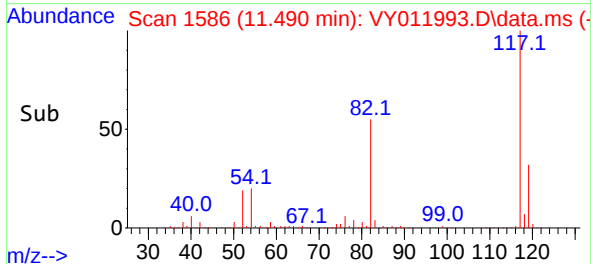
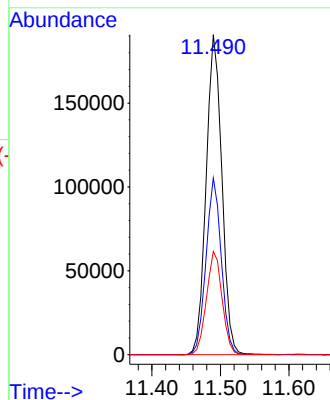
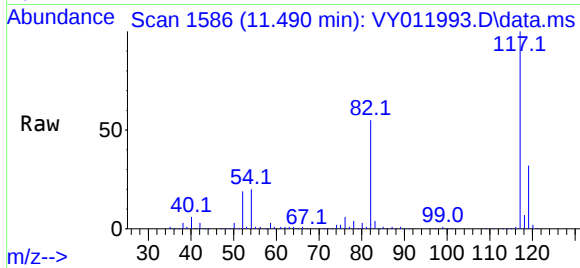




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011993.D
Acq: 23 Dec 2022 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VOC-5-3049

Tgt Ion:117 Resp: 304961
Ion Ratio Lower Upper
117 100
82 55.2 44.8 67.2
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011993.D
Acq: 23 Dec 2022 13:28

Tgt Ion:152 Resp: 138295
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 154.8 0.0 342.6

