

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005929.D
 Acq On : 01 Sep 2021 14:40
 Operator : SY/MD
 Sample : M3626-01
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-1

Quant Time: Sep 02 07:48:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

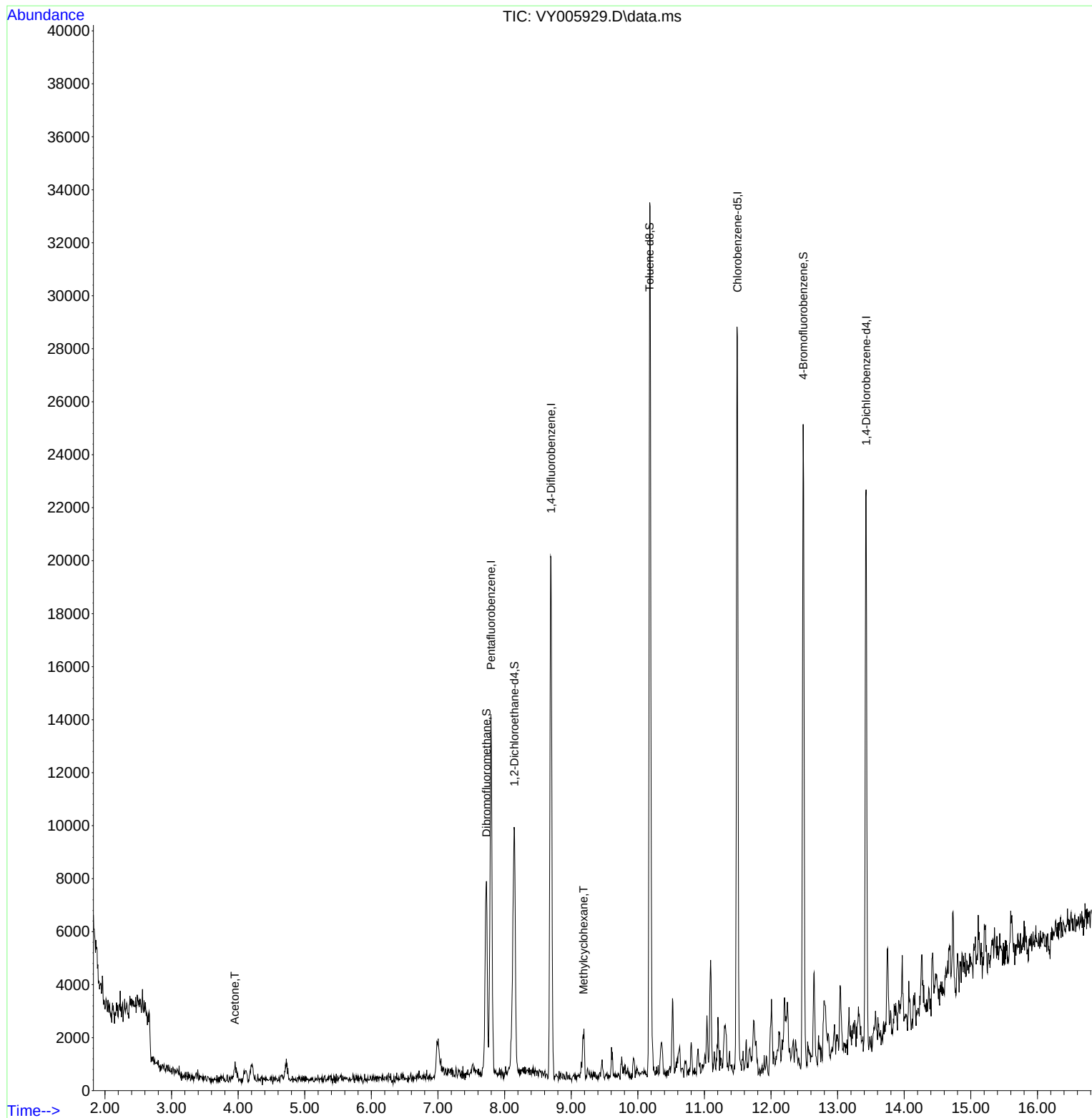
Internal Standards						
1) Pentafluorobenzene	7.795	168	10588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	17765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	16355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6652	62.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.680%	
35) Dibromofluoromethane	7.728	113	5116	51.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.560%	
50) Toluene-d8	10.179	98	21267	50.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.483	95	6323	44.973	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1096	40.285	ug/l #	73
39) Methylcyclohexane	9.185	83	965	4.555	ug/l #	89

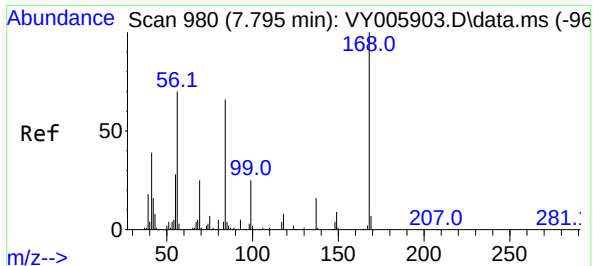
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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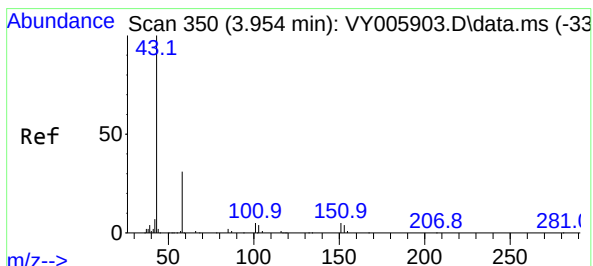
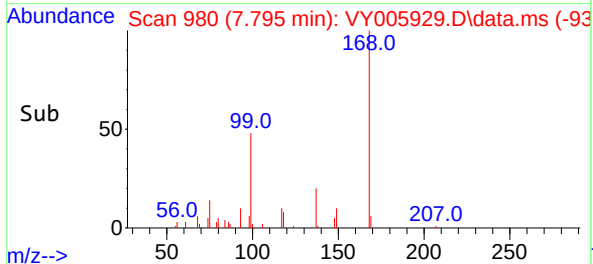
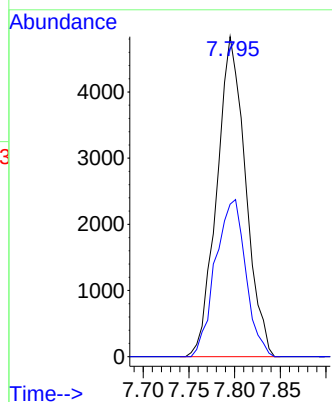
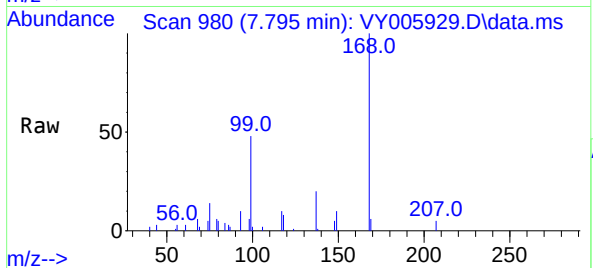




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005929.D
Acq: 01 Sep 2021 14:40

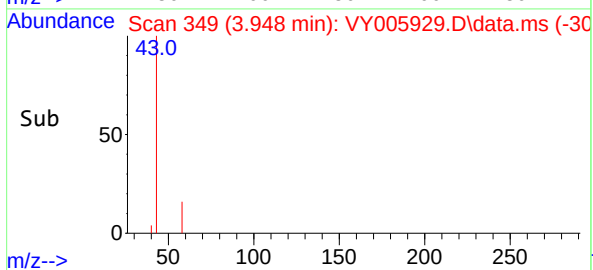
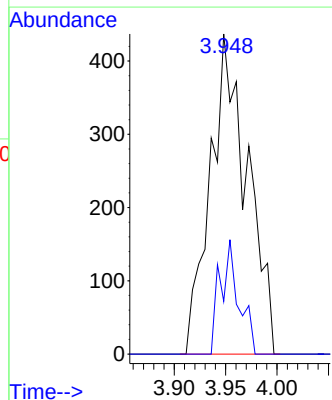
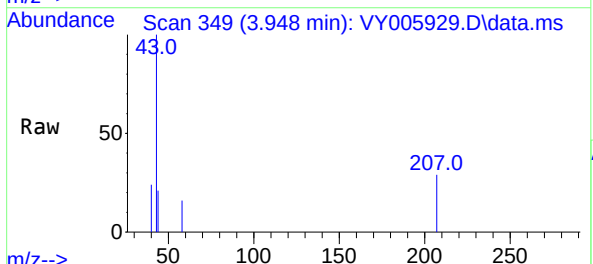
Instrument :
MSVOA_Y
ClientSampleId :
G-1

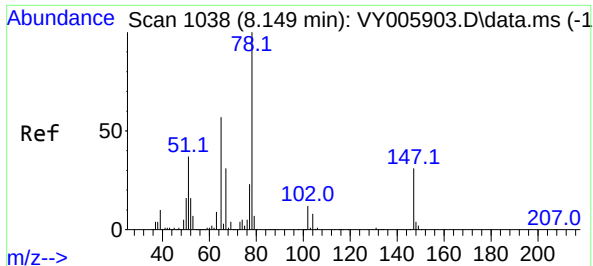
Tgt Ion:168 Resp: 10588
Ion Ratio Lower Upper
168 100
99 47.6 40.6 60.8



#16
Acetone
Concen: 40.285 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY005929.D
Acq: 01 Sep 2021 14:40

Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
58 16.5 25.1 37.7#

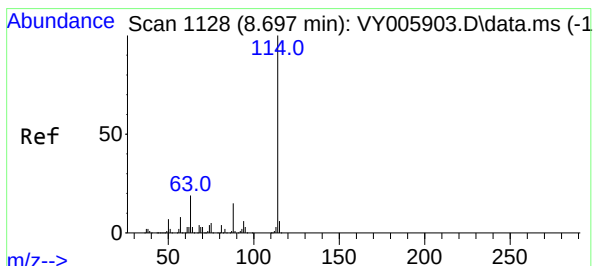
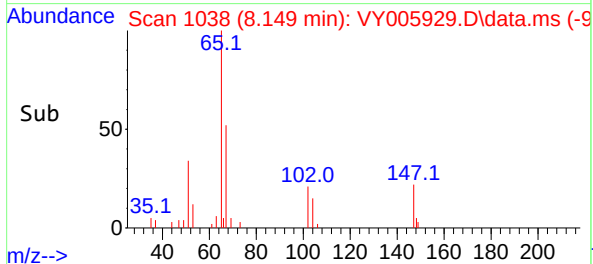
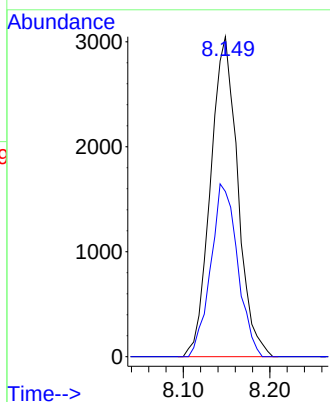
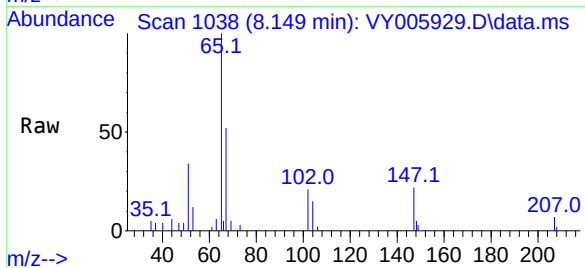




#33
1,2-Dichloroethane-d4
Concen: 62.344 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005929.D
Acq: 01 Sep 2021 14:40

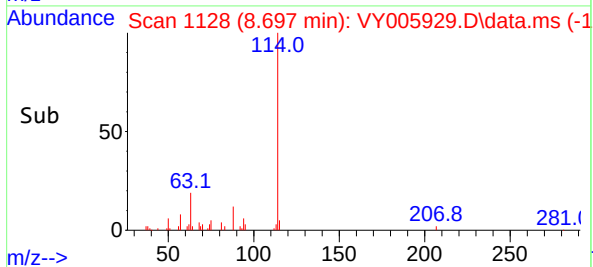
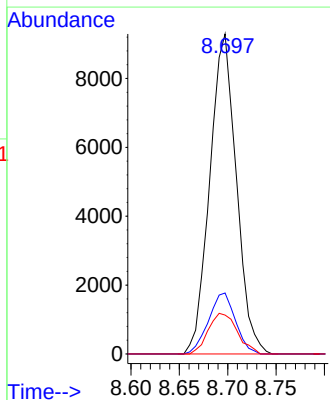
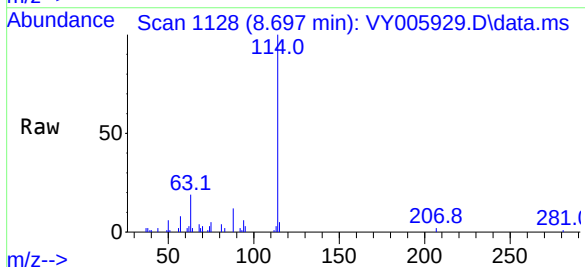
Instrument :
MSVOA_Y
ClientSampleId :
G-1

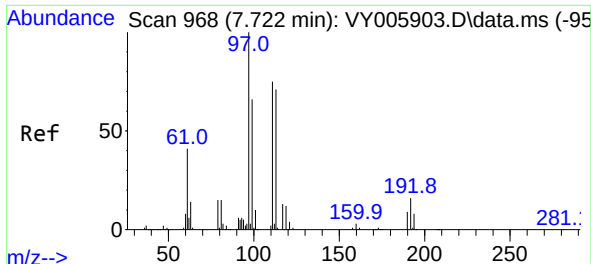
Tgt Ion: 65 Resp: 6652
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005929.D
Acq: 01 Sep 2021 14:40

Tgt Ion:114 Resp: 17765
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.4
88 12.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.279 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

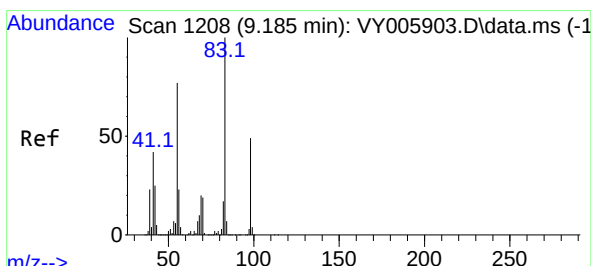
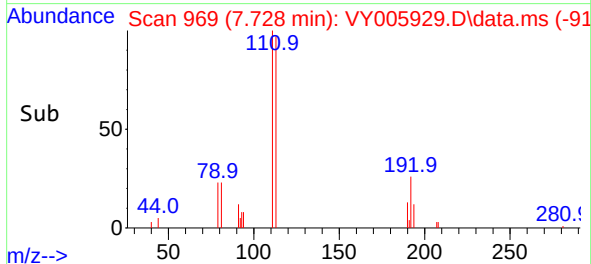
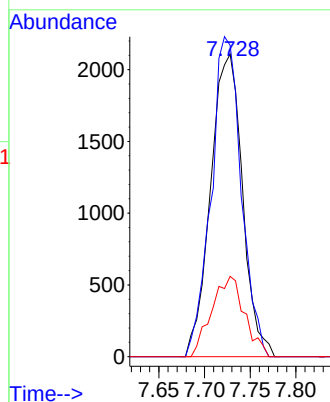
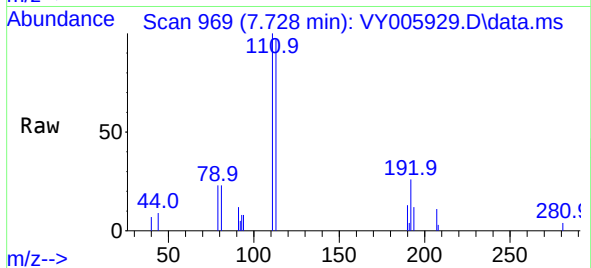
Lab File: VY005929.D

Acq: 01 Sep 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :
G-1

Tgt Ion:113 Resp: 5116

Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.9	122.9
192	27.4	19.4	29.0



#39

Methylcyclohexane

Concen: 4.555 ug/l

RT: 9.185 min Scan# 1208

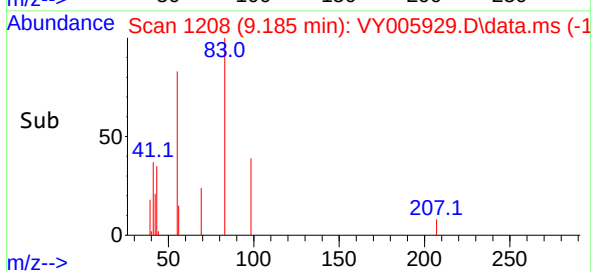
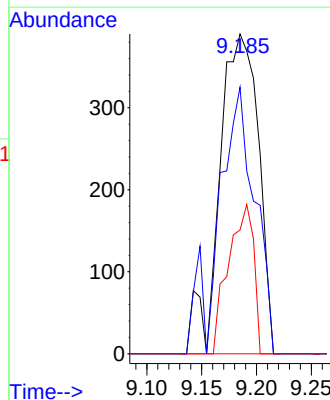
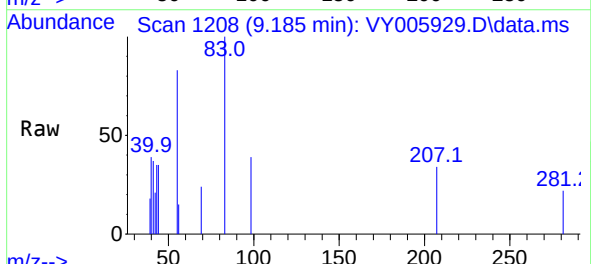
Delta R.T. -0.000 min

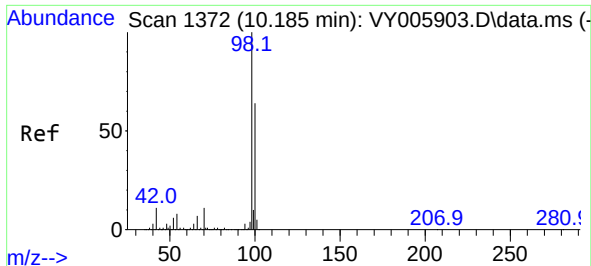
Lab File: VY005929.D

Acq: 01 Sep 2021 14:40

Tgt Ion: 83 Resp: 965

Ion	Ratio	Lower	Upper
83	100		
55	83.3	61.4	92.2
98	38.7	39.4	59.2

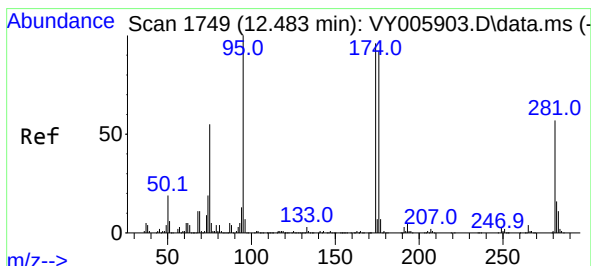
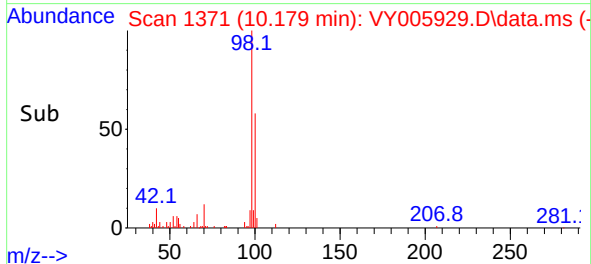
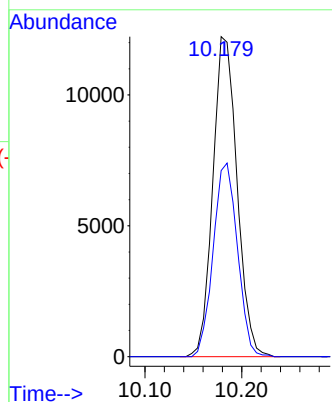
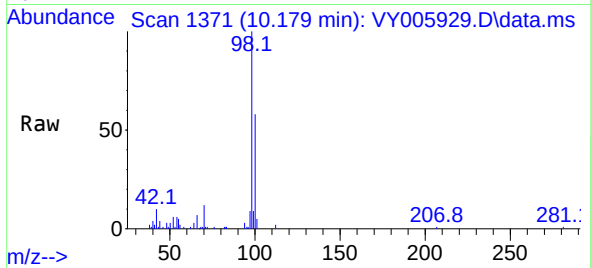




#50
Toluene-d8
Concen: 50.792 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005929.D
Acq: 01 Sep 2021 14:40

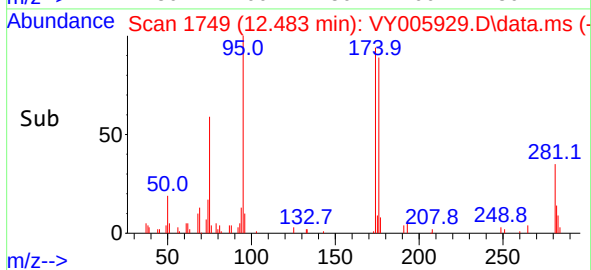
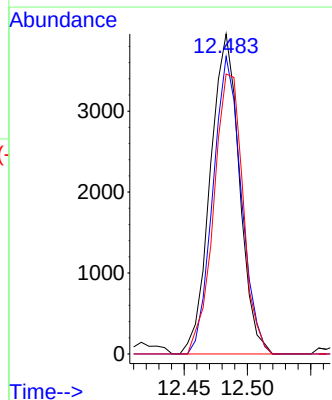
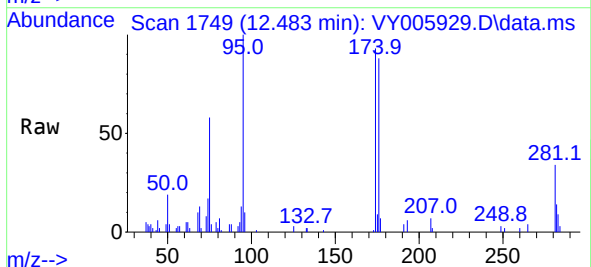
Instrument :
MSVOA_Y
ClientSampled :
G-1

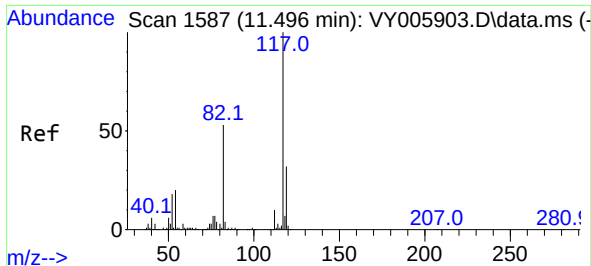
Tgt Ion: 98 Resp: 21267
Ion Ratio Lower Upper
98 100
100 60.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005929.D
Acq: 01 Sep 2021 14:40

Tgt Ion: 95 Resp: 6323
Ion Ratio Lower Upper
95 100
174 90.0 0.0 192.4
176 87.8 0.0 186.8

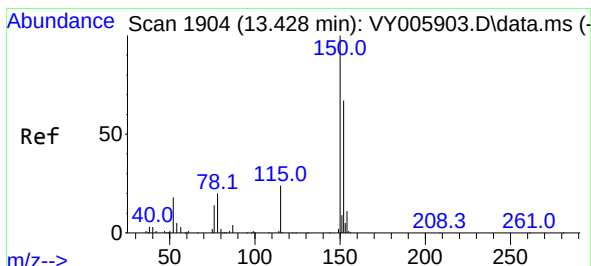
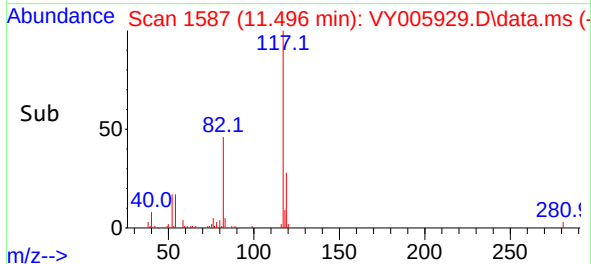
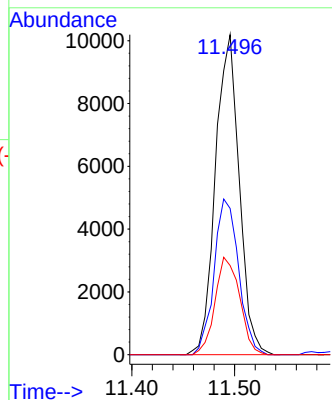
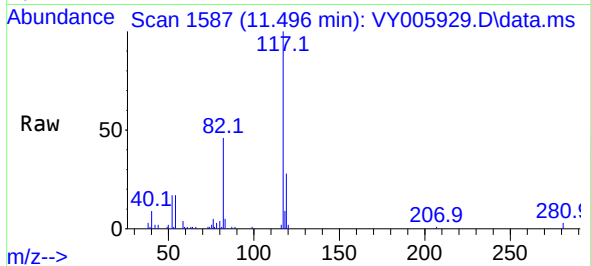




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005929.D
Acq: 01 Sep 2021 14:40

Instrument :
MSVOA_Y
ClientSampled :
G-1

Tgt Ion:	117	Resp:	16355
Ion	Ratio	Lower	Upper
117	100		
82	45.7	42.4	63.6
119	27.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005929.D
Acq: 01 Sep 2021 14:40

Tgt Ion:	152	Resp:	5939
Ion	Ratio	Lower	Upper
152	100		
115	50.6	26.8	80.4
150	151.3	0.0	345.6

