

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005367.D
 Acq On : 07 Jul 2021 16:08
 Operator : SY/MD
 Sample : M2933-03
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3

Quant Time: Jul 08 02:05:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

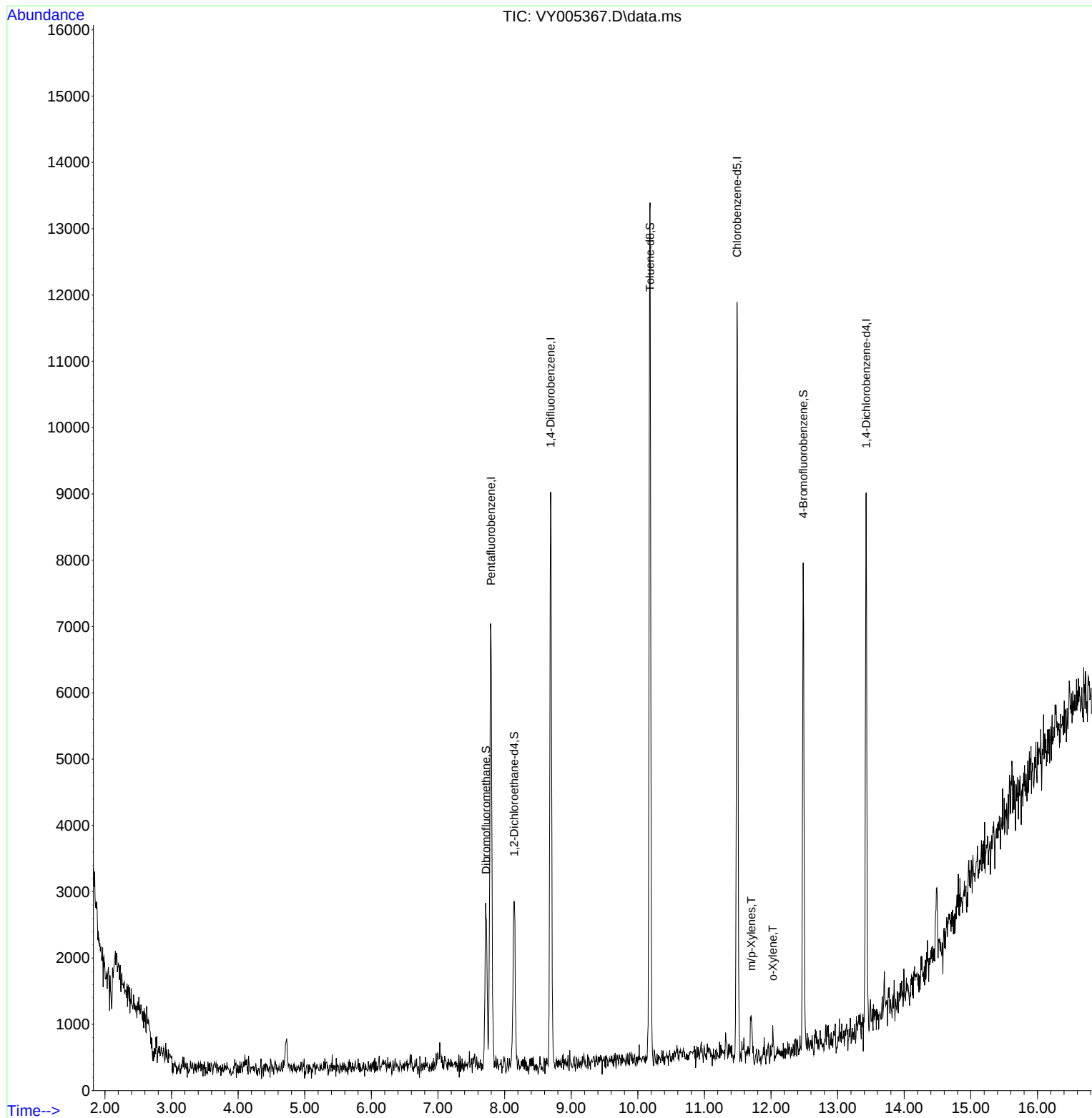
Internal Standards						
1) Pentafluorobenzene	7.795	168	6518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2052	37.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.880%
35) Dibromofluoromethane	7.722	113	1814	35.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.320%
50) Toluene-d8	10.185	98	9640	46.724	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.440%
62) 4-Bromofluorobenzene	12.483	95	2380	34.617	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.240%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.703	106	316	3.094	ug/l	86
69) o-Xylene	12.026	106	140	1.448	ug/l	99

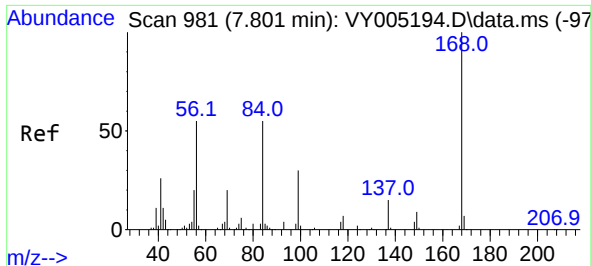
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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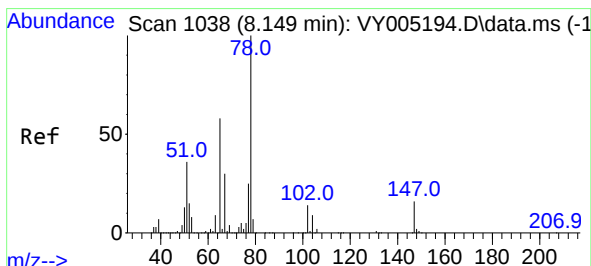
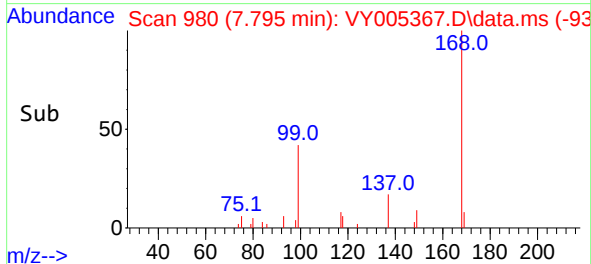
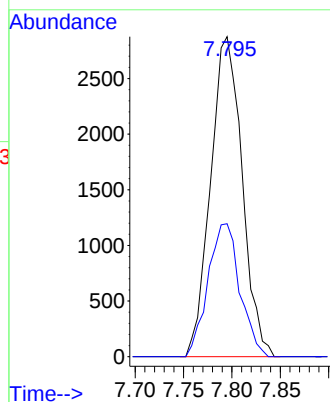
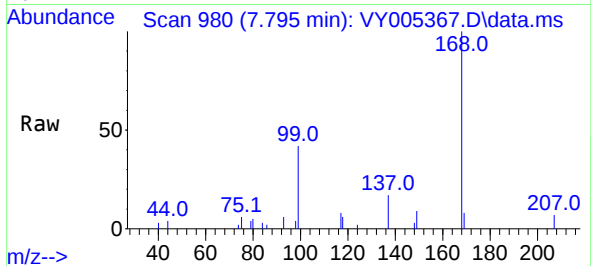




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

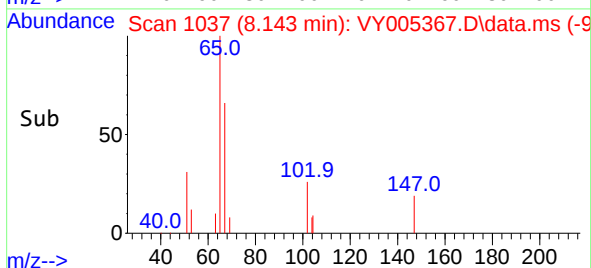
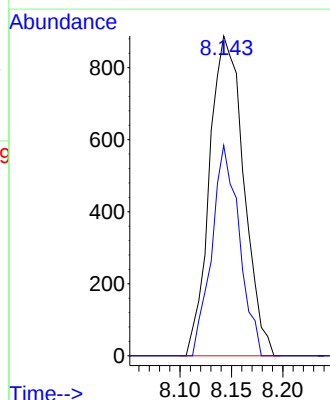
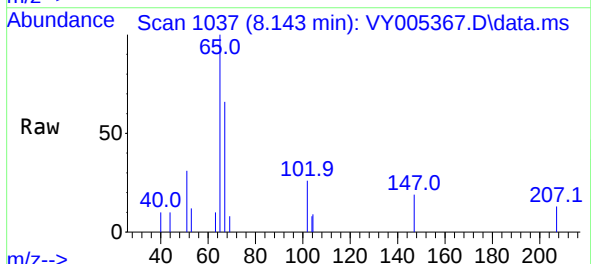
Instrument :
MSVOA_Y
ClientSampleId :
3

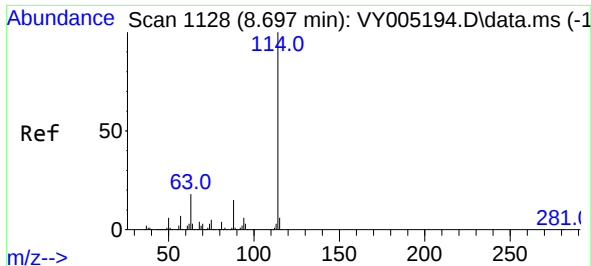
Tgt Ion:168 Resp: 6518
Ion Ratio Lower Upper
168 100
99 41.6 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 37.937 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Tgt Ion: 65 Resp: 2052
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.6

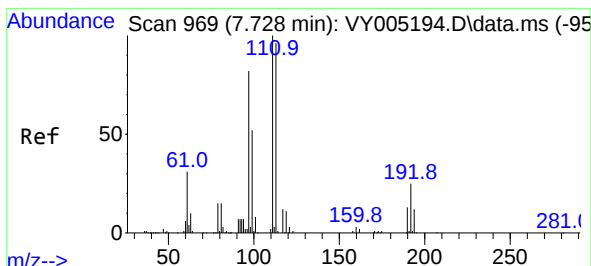
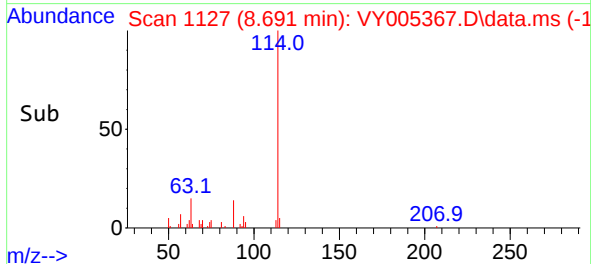
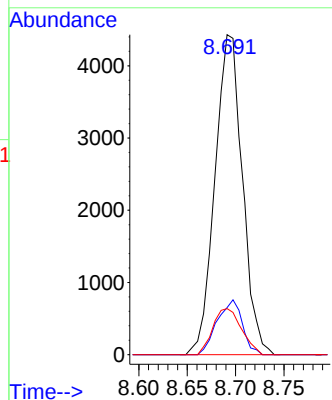
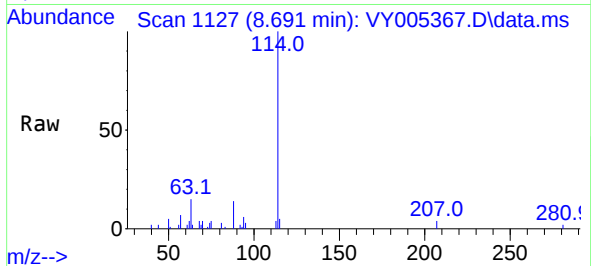




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

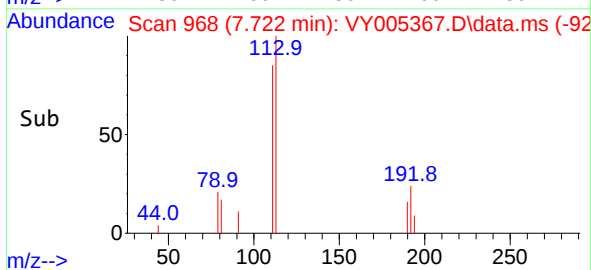
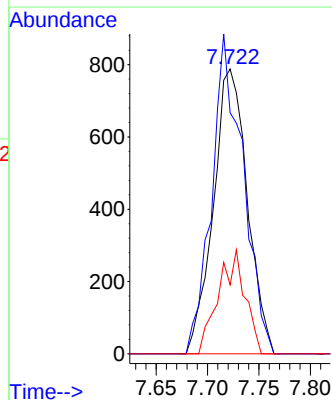
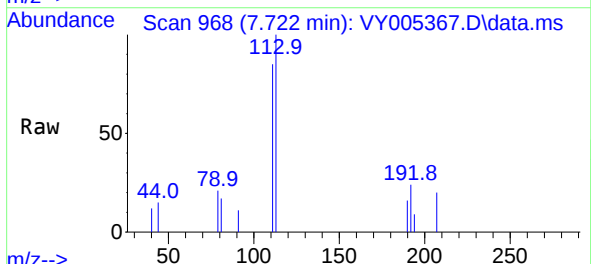
Instrument :
MSVOA_Y
ClientSampled :
3

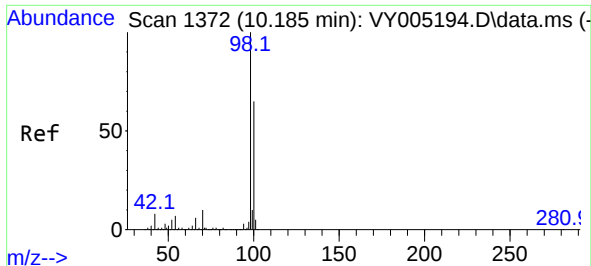
Tgt Ion:	114	Resp:	8748
Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	35.2
88	14.4	0.0	29.4



#35
Dibromofluoromethane
Concen: 35.161 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Tgt Ion:	113	Resp:	1814
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	28.6	20.2	30.2

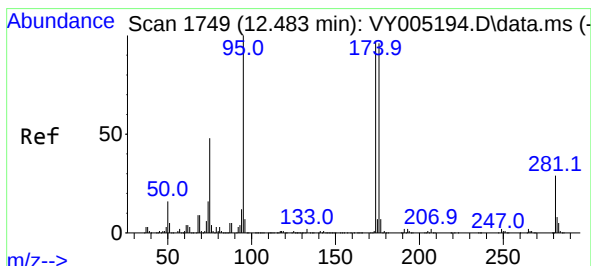
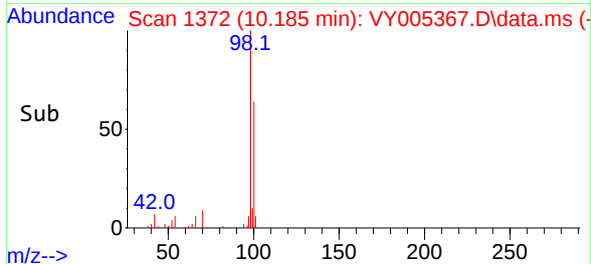
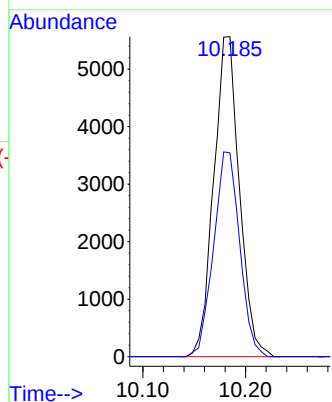
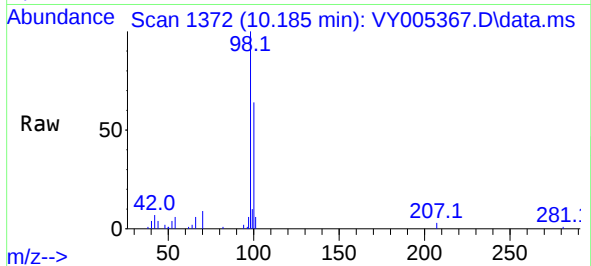




#50
Toluene-d8
Concen: 46.724 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

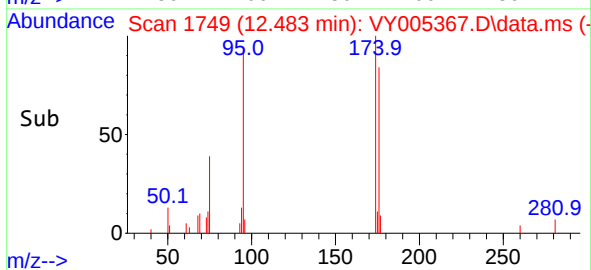
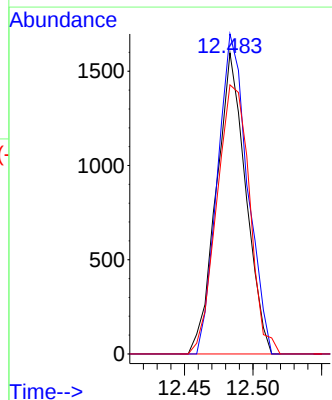
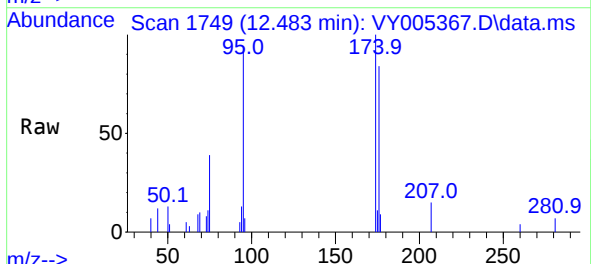
Instrument :
MSVOA_Y
ClientSampled :
3

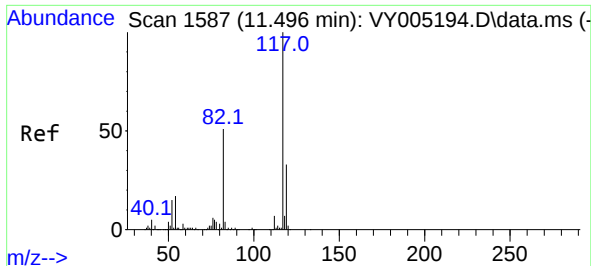
Tgt Ion: 98 Resp: 9640
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 34.617 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Tgt Ion: 95 Resp: 2380
Ion Ratio Lower Upper
95 100
174 108.7 0.0 201.6
176 99.7 0.0 197.4

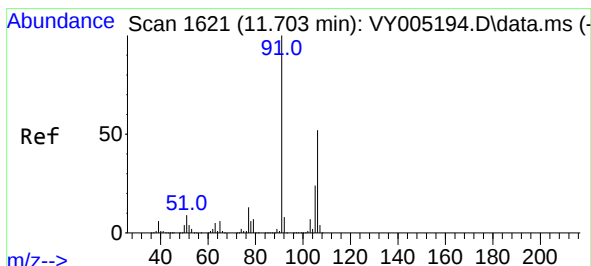
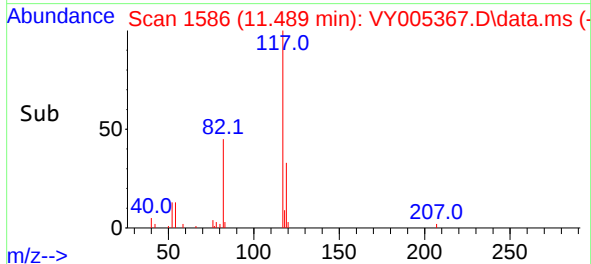
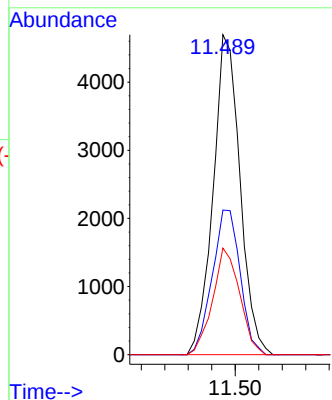
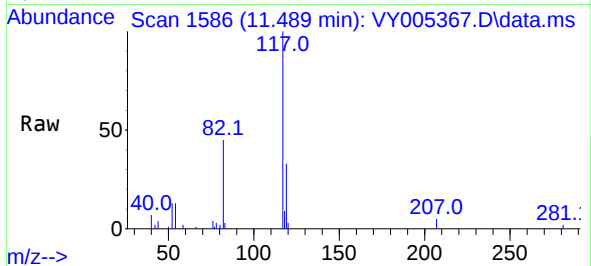




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

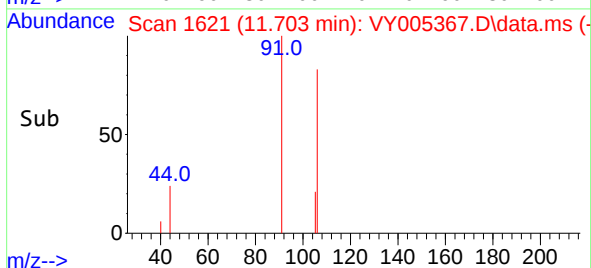
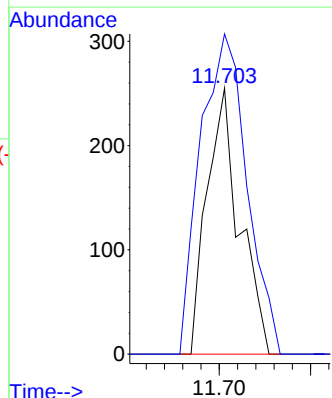
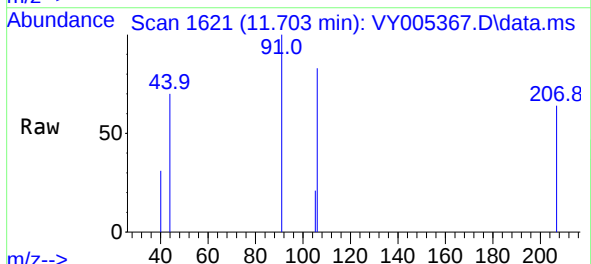
Instrument :
MSVOA_Y
ClientSampled :
3

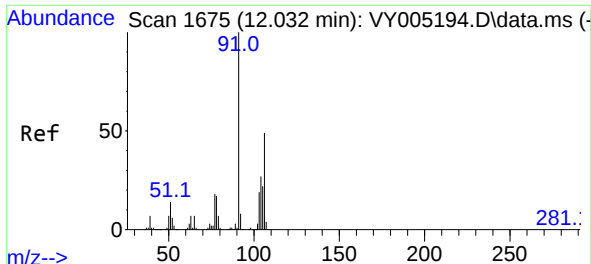
Tgt Ion:	117	Resp:	7458
Ion	Ratio	Lower	Upper
117	100		
82	45.2	40.6	60.8
119	33.3	26.1	39.1



#68
m/p-Xylenes
Concen: 3.094 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Tgt Ion:	106	Resp:	316
Ion	Ratio	Lower	Upper
106	100		
91	172.2	154.8	232.2

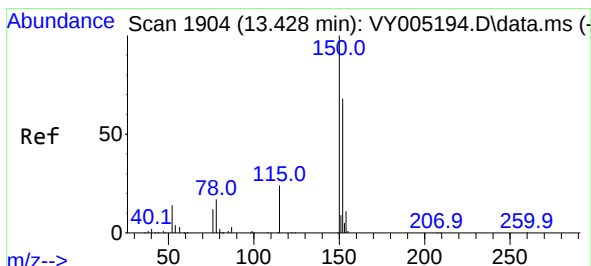
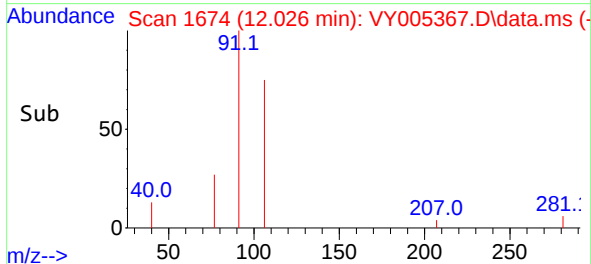
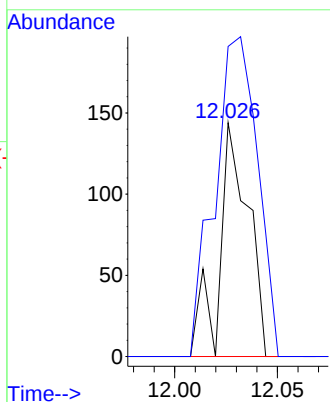
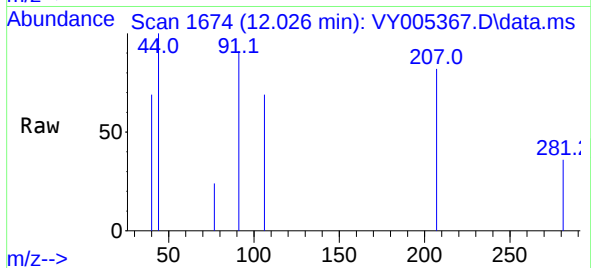




#69
o-Xylene
Concen: 1.448 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Instrument :
MSVOA_Y
ClientSampled :
3

Tgt Ion:106 Resp: 140
Ion Ratio Lower Upper
106 100
91 204.3 101.6 304.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005367.D
Acq: 07 Jul 2021 16:08

Tgt Ion:152 Resp: 2468
Ion Ratio Lower Upper
152 100
115 56.0 26.3 78.8
150 157.1 0.0 344.2

