

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
 Data File : VY007502.D
 Acq On : 15 Feb 2022 14:02
 Operator : SY/MD
 Sample : N1535-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 368

Quant Time: Feb 16 01:40:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

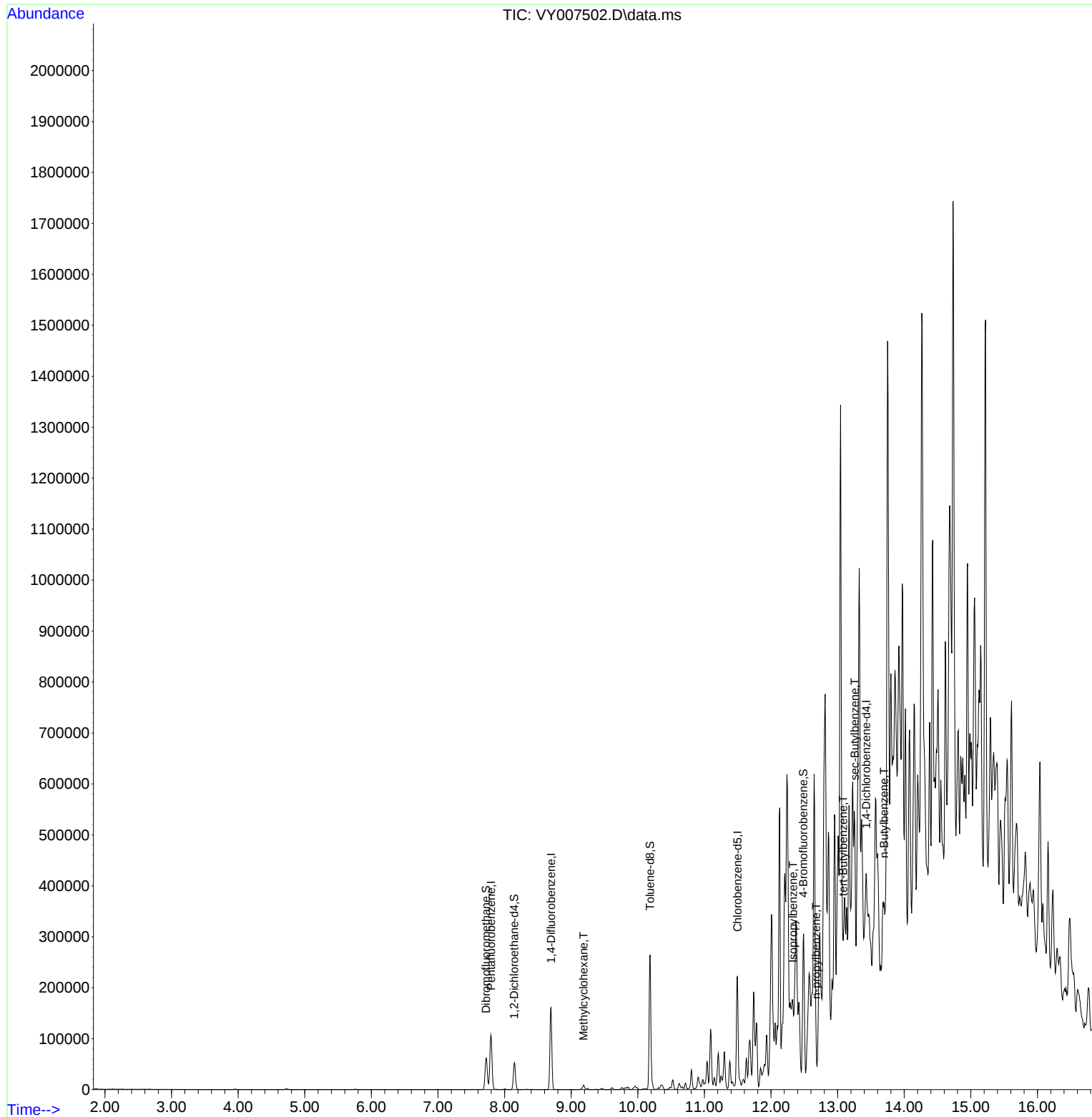
Internal Standards						
1) Pentafluorobenzene	7.795	168	81606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	140185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	122261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	49344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	42262	46.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.820%
35) Dibromofluoromethane	7.722	113	44600	50.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.900%
50) Toluene-d8	10.185	98	166076	49.461	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.483	95	59661	52.402	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.800%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.185	83	3555	1.912	ug/l #	85
73) Isopropylbenzene	12.331	105	4517	1.033	ug/l	94
78) n-propylbenzene	12.678	91	16819	3.197	ug/l	97
83) tert-Butylbenzene	13.081	119	3942	1.246	ug/l	83
85) sec-Butylbenzene	13.257	105	73991	15.860	ug/l	84
89) n-Butylbenzene	13.696	91	32909	9.006	ug/l #	69

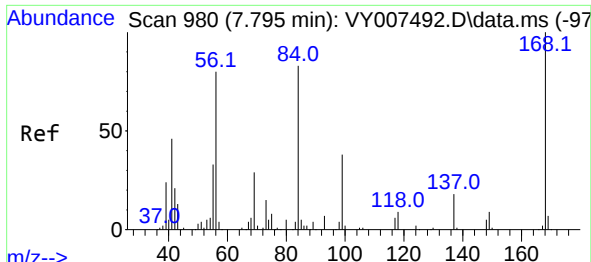
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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368

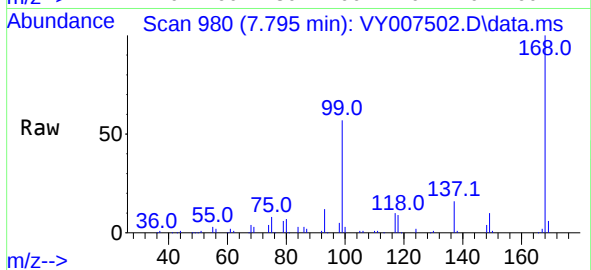
Quant Time: Feb 16 01:40:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration



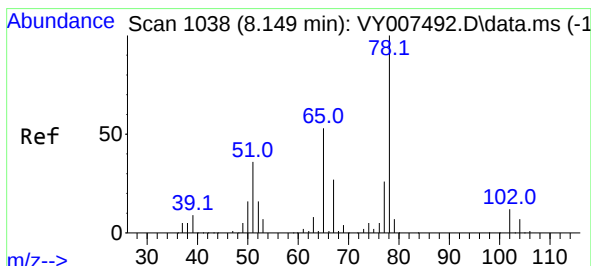
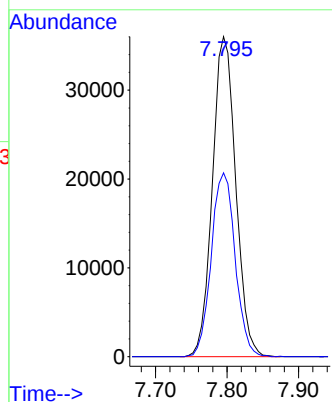
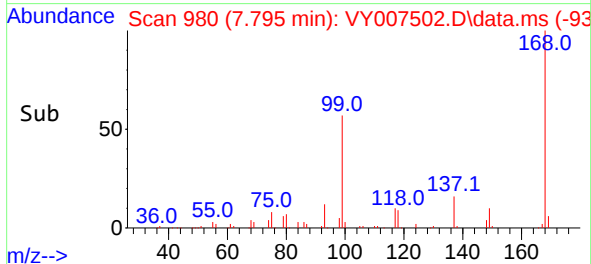


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007502.D
Acq: 15 Feb 2022 14:02

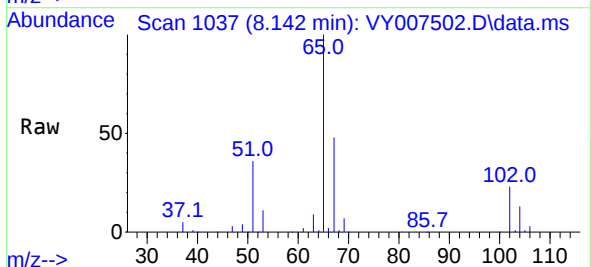
Instrument :
MSVOA_Y
ClientSampleId :
368



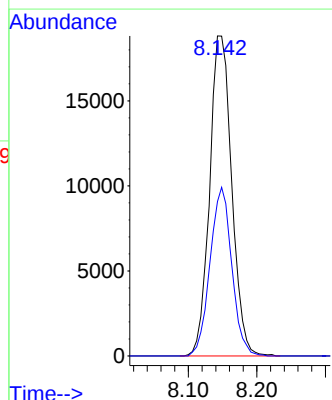
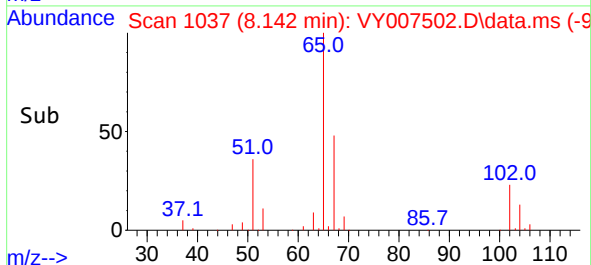
Tgt Ion:168 Resp: 81606
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3

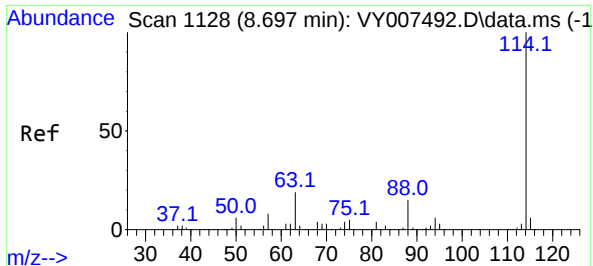


#33
1,2-Dichloroethane-d4
Concen: 46.907 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007502.D
Acq: 15 Feb 2022 14:02



Tgt Ion: 65 Resp: 42262
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007502.D

Acq: 15 Feb 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

368

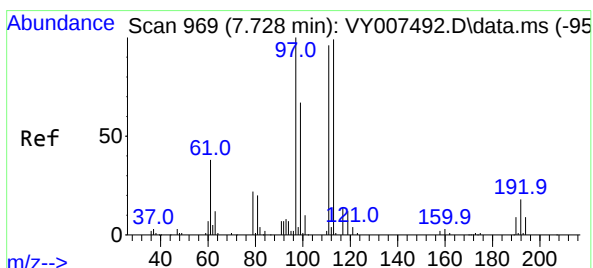
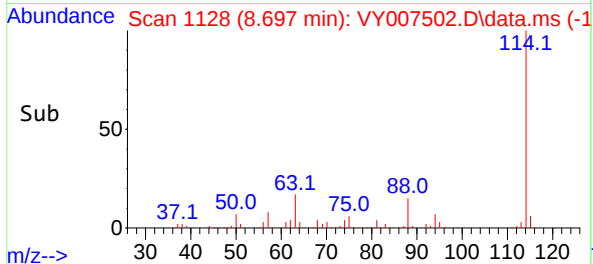
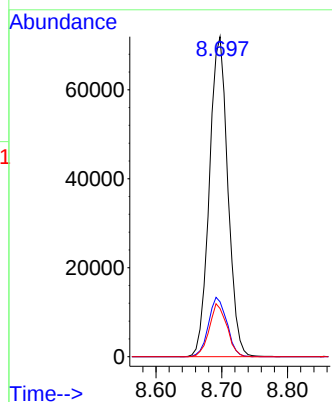
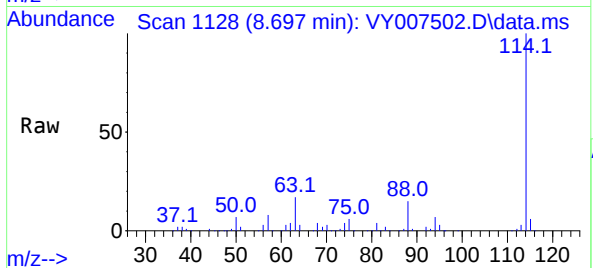
Tgt Ion:114 Resp: 140185

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.450 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007502.D

Acq: 15 Feb 2022 14:02

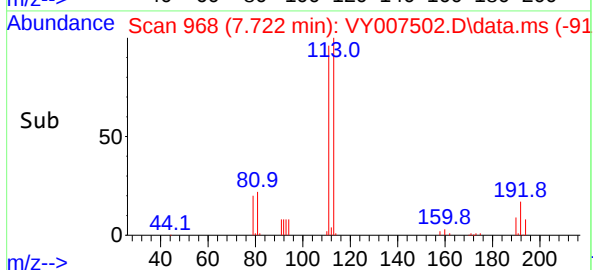
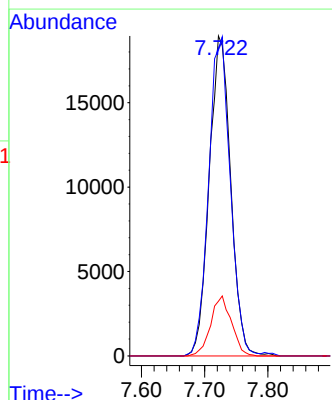
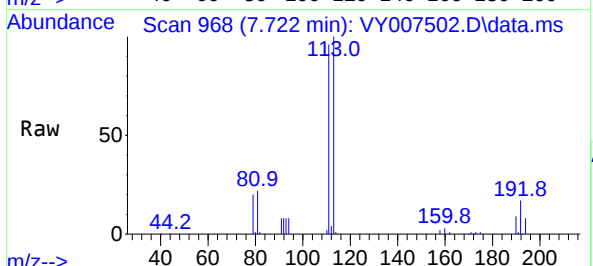
Tgt Ion:113 Resp: 44600

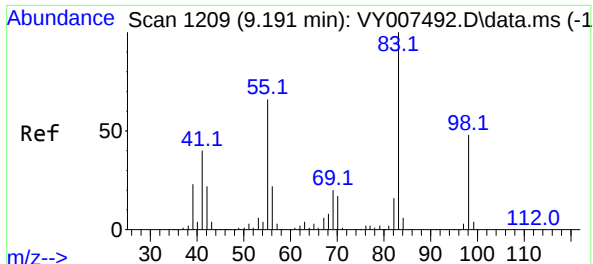
Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

192 18.2 17.6 26.4





#39

Methylcyclohexane

Concen: 1.912 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007502.D

Acq: 15 Feb 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

368

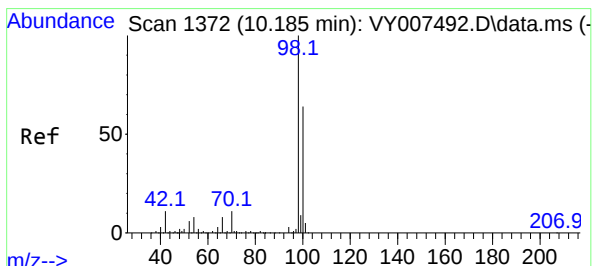
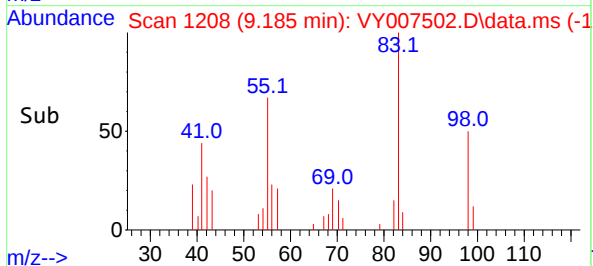
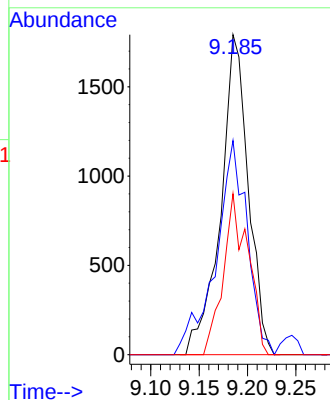
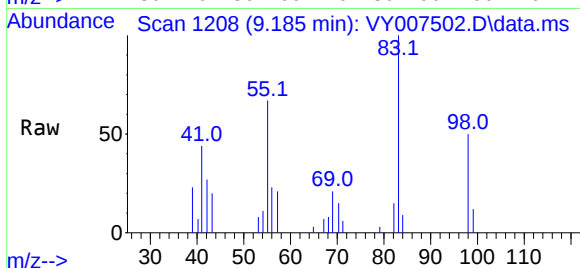
Tgt Ion: 83 Resp: 3555

Ion Ratio Lower Upper

83 100

55 63.5 66.5 99.7#

98 50.3 37.9 56.9



#50

Toluene-d8

Concen: 49.461 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY007502.D

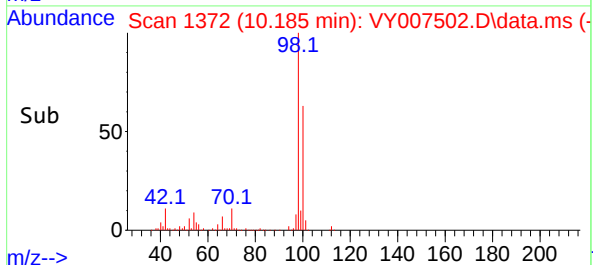
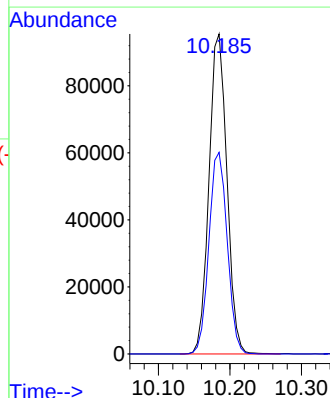
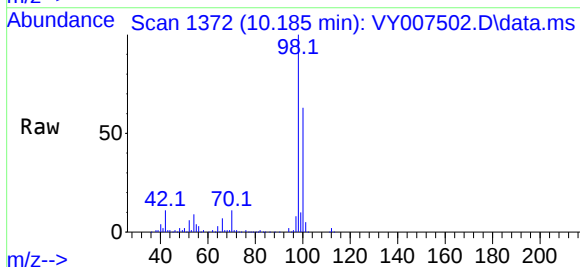
Acq: 15 Feb 2022 14:02

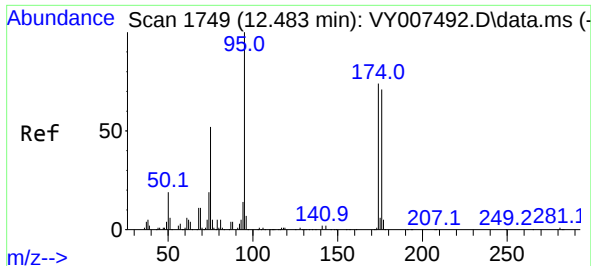
Tgt Ion: 98 Resp: 166076

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2

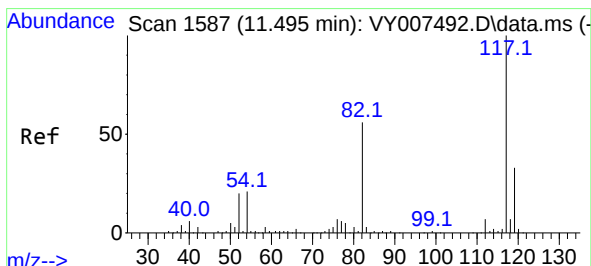
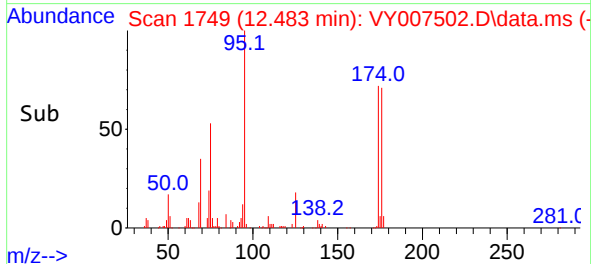
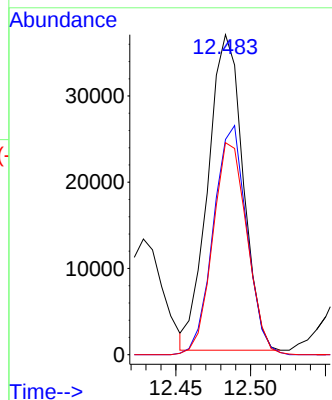
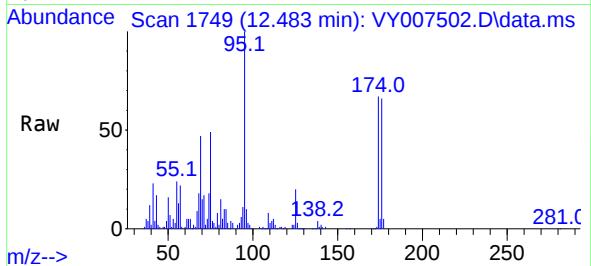




#62
4-Bromofluorobenzene
Concen: 52.402 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007502.D
Acq: 15 Feb 2022 14:02

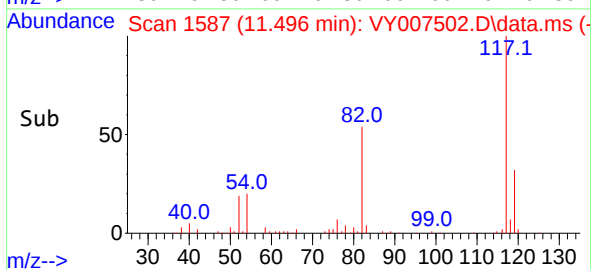
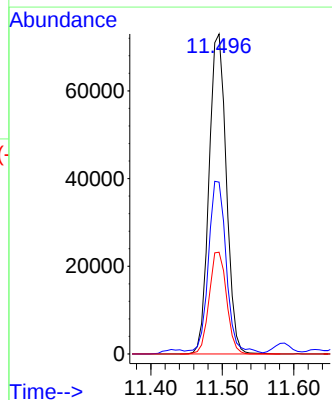
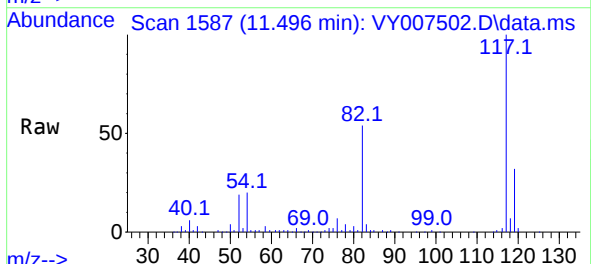
Instrument :
MSVOA_Y
ClientSampleId :
368

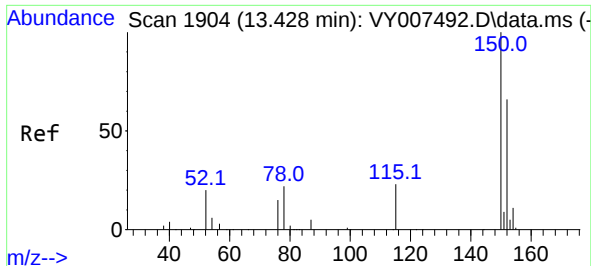
Tgt Ion:	95	Resp:	59661
Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	177.0
176	66.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007502.D
Acq: 15 Feb 2022 14:02

Tgt Ion:	117	Resp:	122261
Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.0	64.4
119	31.8	25.4	38.0

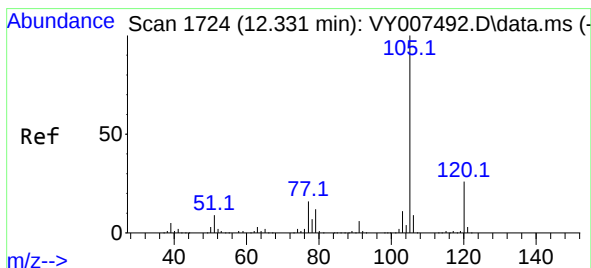
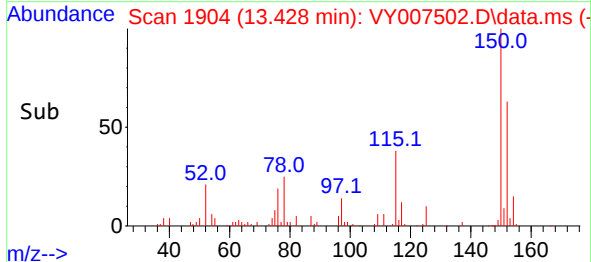
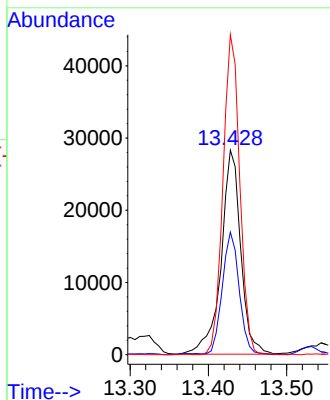
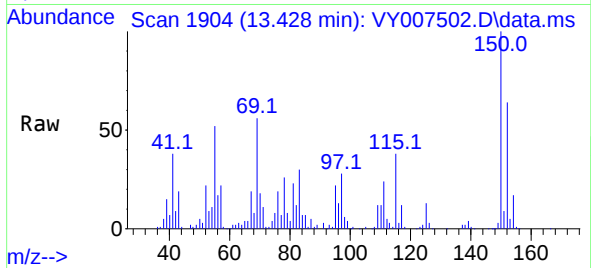




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007502.D
Acq: 15 Feb 2022 14:02

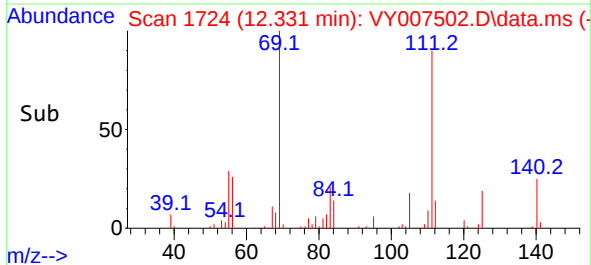
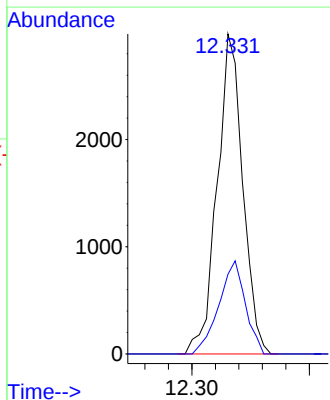
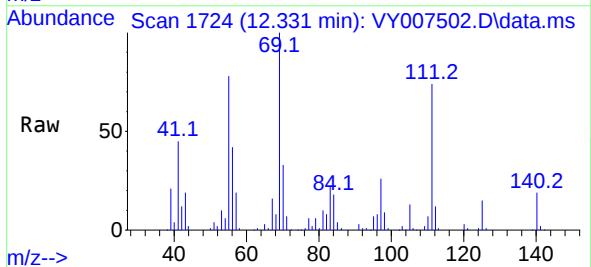
Instrument :
MSVOA_Y
ClientSampleId :
368

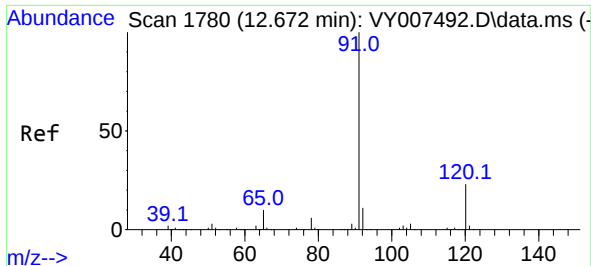
Tgt Ion:152 Resp: 49344
Ion Ratio Lower Upper
152 100
115 51.9 28.2 84.7
150 133.9 0.0 347.6



#73
Isopropylbenzene
Concen: 1.033 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007502.D
Acq: 15 Feb 2022 14:02

Tgt Ion:105 Resp: 4517
Ion Ratio Lower Upper
105 100
120 30.1 13.4 40.2

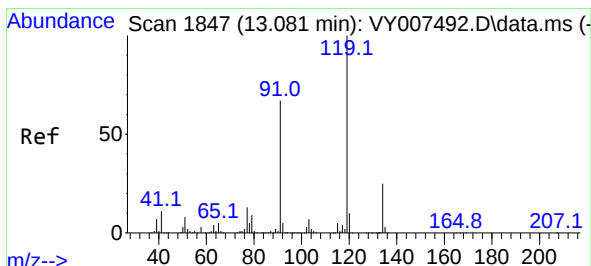
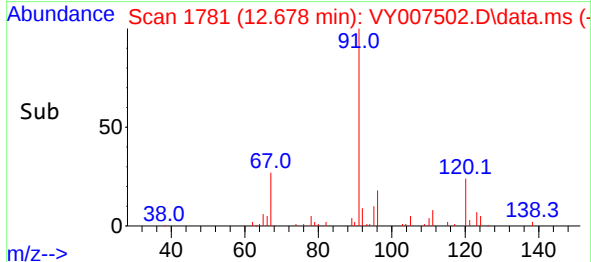
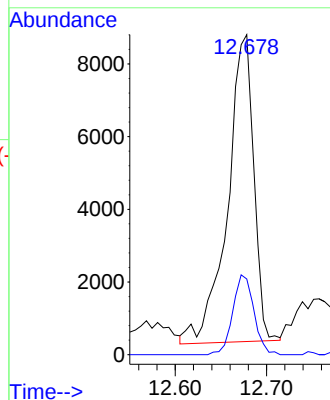
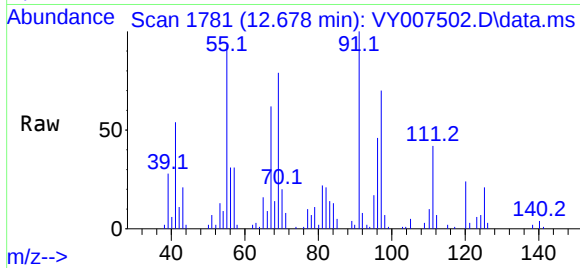




#78
n-propylbenzene
Concen: 3.197 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY007502.D
Acq: 15 Feb 2022 14:02

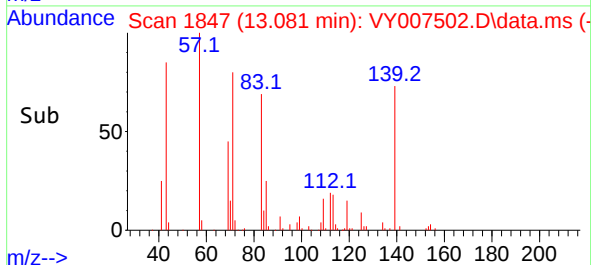
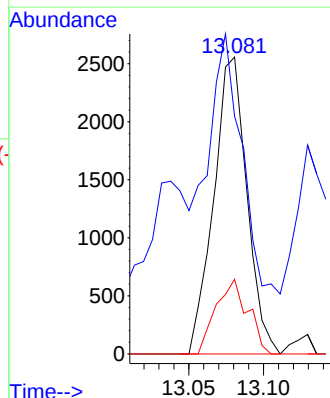
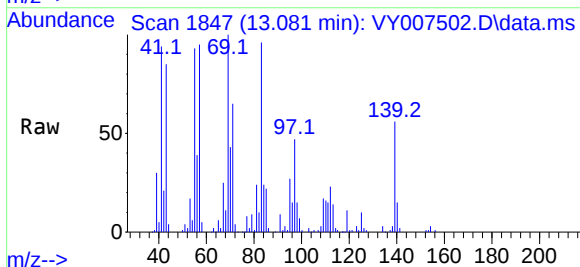
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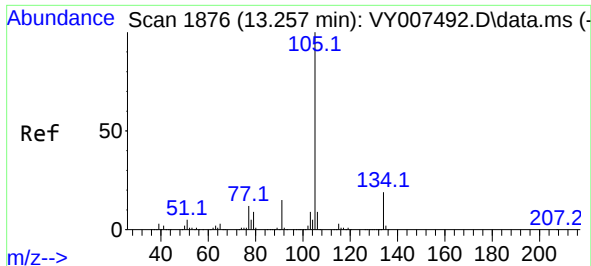
Tgt Ion: 91 Resp: 16819
Ion Ratio Lower Upper
91 100
120 21.0 11.3 33.9



#83
tert-Butylbenzene
Concen: 1.246 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY007502.D
Acq: 15 Feb 2022 14:02

Tgt Ion: 119 Resp: 3942
Ion Ratio Lower Upper
119 100
91 87.4 34.8 104.4
134 24.2 13.3 39.9

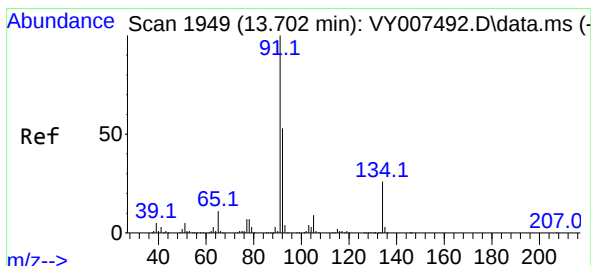
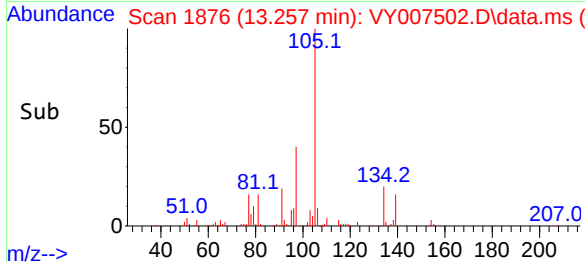
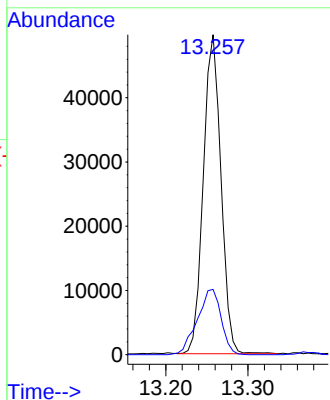
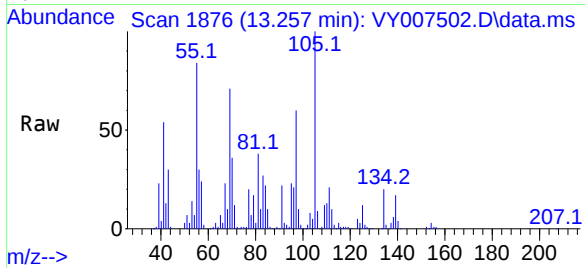




#85
 sec-Butylbenzene
 Concen: 15.860 ug/l
 RT: 13.257 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY007502.D
 Acq: 15 Feb 2022 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 368

Tgt Ion:105 Resp: 73991
 Ion Ratio Lower Upper
 105 100
 134 27.7 10.2 30.4



#89
 n-Butylbenzene
 Concen: 9.006 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY007502.D
 Acq: 15 Feb 2022 14:02

Tgt Ion: 91 Resp: 32909
 Ion Ratio Lower Upper
 91 100
 92 41.4 26.3 78.9
 134 58.1 13.0 38.9#

