

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004897.D
 Acq On : 27 May 2021 13:50
 Operator : SY/MD
 Sample : M2535-08
 Misc : 6.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHOST-4

Quant Time: May 27 14:25:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

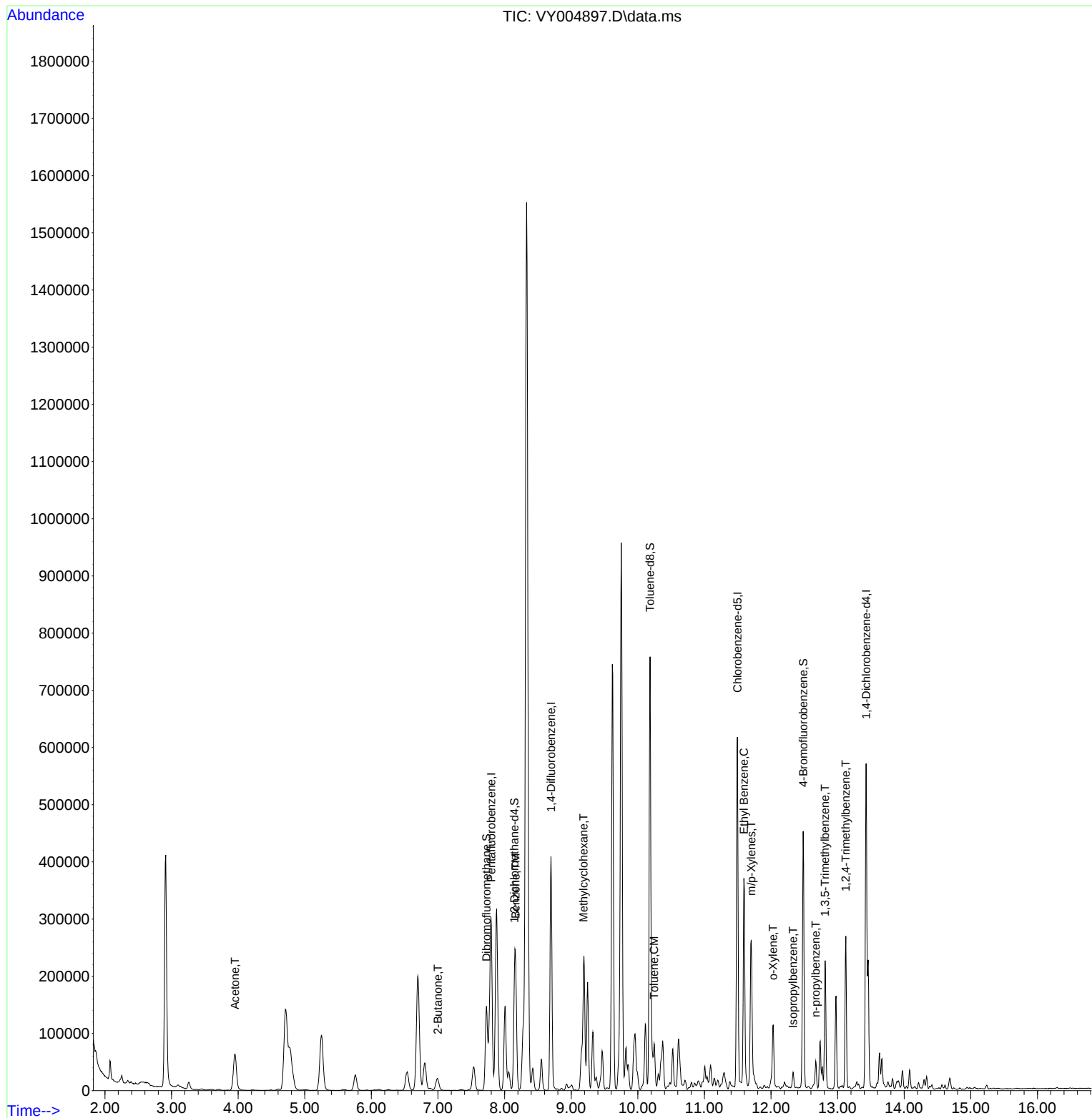
Internal Standards						
1) Pentafluorobenzene	7.801	168	188644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	316395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122489	54.55	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	109.10%	
35) Dibromofluoromethane	7.728	113	100850	56.54	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	113.08%	
50) Toluene-d8	10.185	98	427603	53.07	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.483	95	132281	48.64	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	97.28%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	59105	117.19	ug/l #	75
25) 2-Butanone	6.996	43	16329	18.22	ug/l #	77
39) Methylcyclohexane	9.185	83	40961	11.25	ug/l #	69
40) Benzene	8.167	78	138457	14.67	ug/l	99
52) Toluene	10.246	92	30779	5.16	ug/l	100
67) Ethyl Benzene	11.593	91	245792	20.32	ug/l	99
68) m/p-Xylenes	11.703	106	79022	17.38	ug/l	96
69) o-Xylene	12.032	106	28465	6.70	ug/l	98
73) Isopropylbenzene	12.331	105	15741	1.52	ug/l	99
78) n-propylbenzene	12.672	91	34560	2.74	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	106052	12.37	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	134283	15.64	ug/l	100

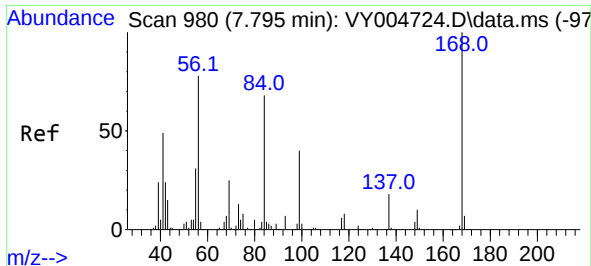
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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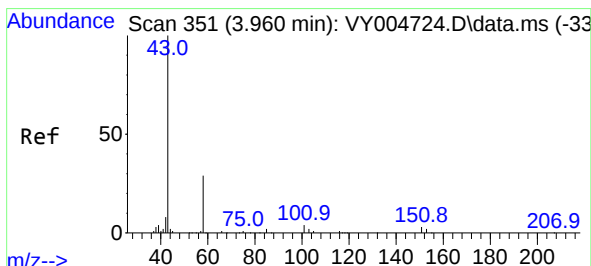
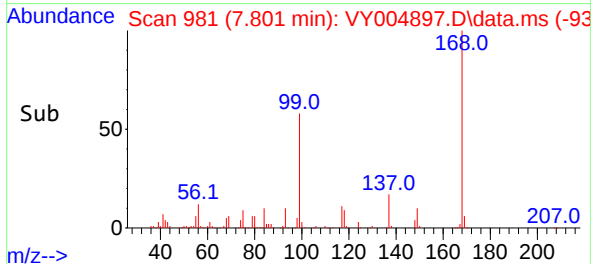
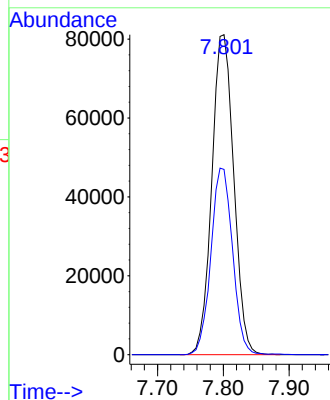
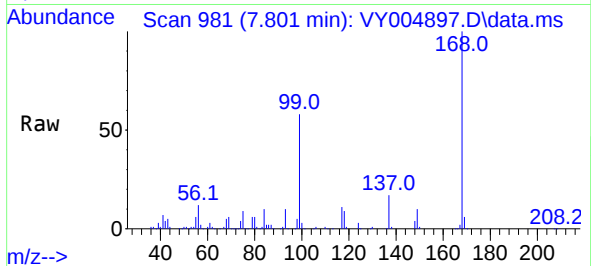




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

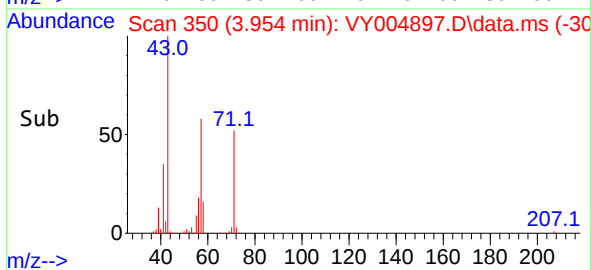
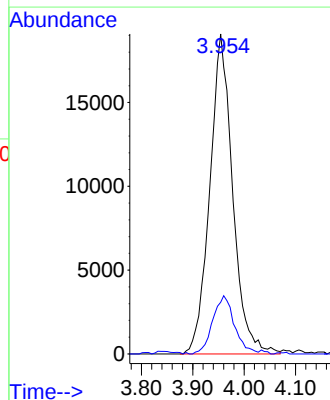
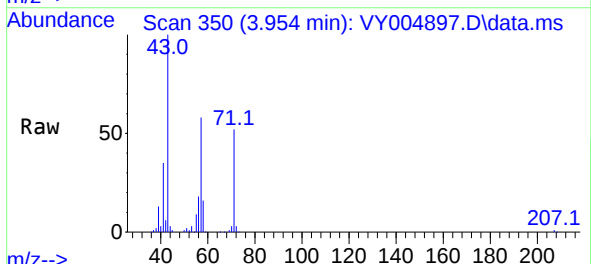
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4

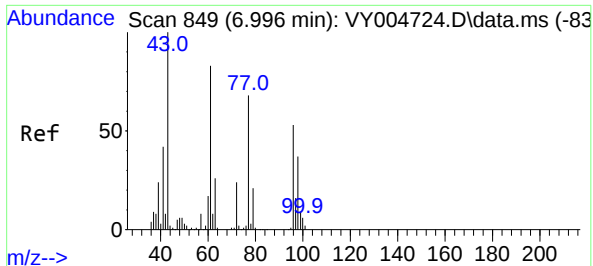
Tgt Ion:168 Resp: 188644
Ion Ratio Lower Upper
168 100
99 57.9 45.6 68.4



#16
Acetone
Concen: 117.19 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

Tgt Ion: 43 Resp: 59105
Ion Ratio Lower Upper
43 100
58 15.8 23.6 35.4#





#25

2-Butanone

Concen: 18.22 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY004897.D

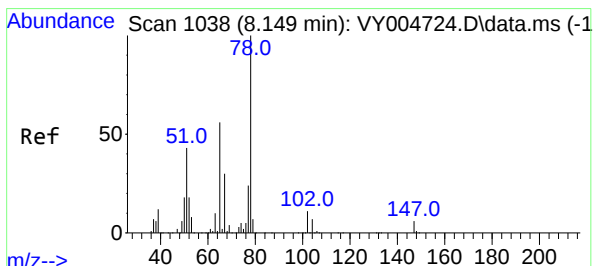
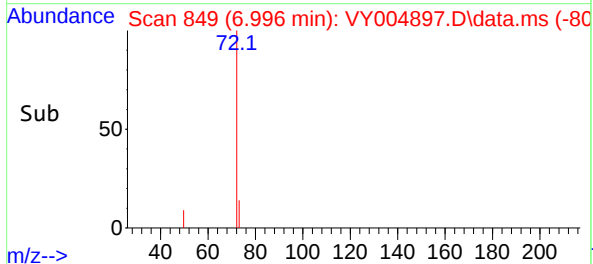
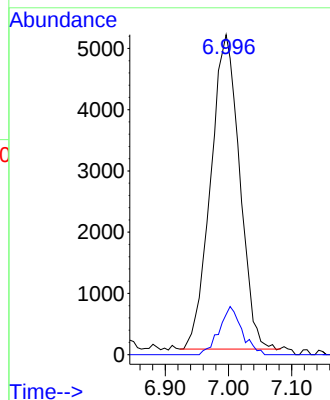
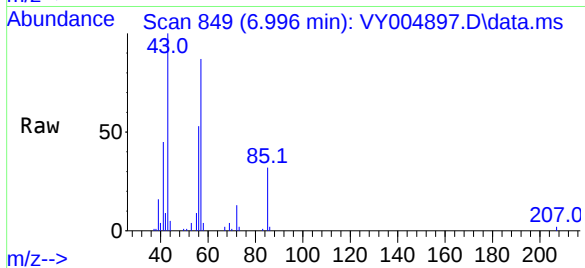
Acq: 27 May 2021 13:50

Tgt Ion: 43 Resp: 16329

Ion Ratio Lower Upper

43 100

72 12.8 19.4 29.0#



#33

1,2-Dichloroethane-d4

Concen: 54.55 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY004897.D

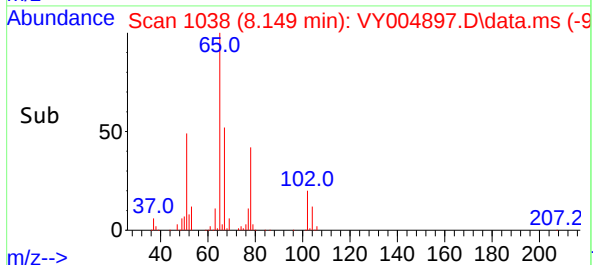
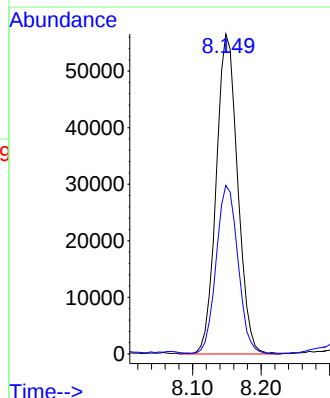
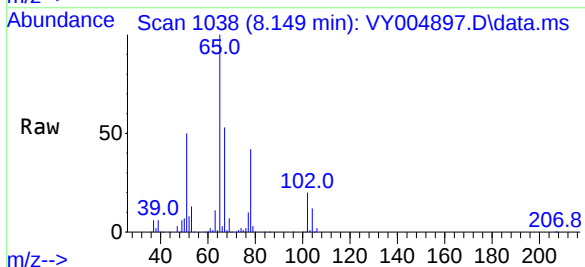
Acq: 27 May 2021 13:50

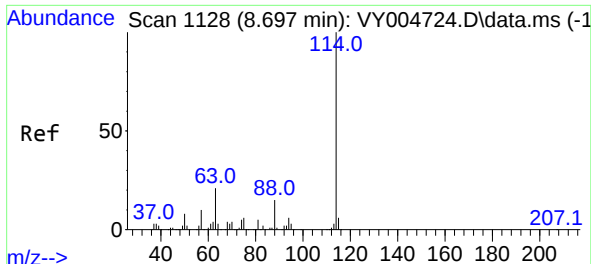
Tgt Ion: 65 Resp: 122489

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

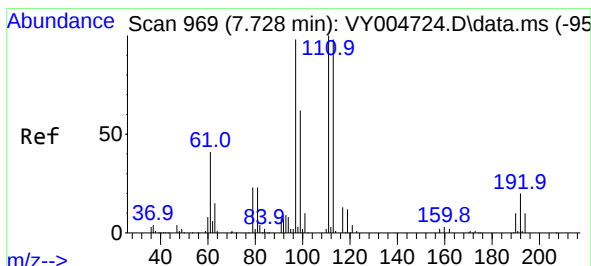
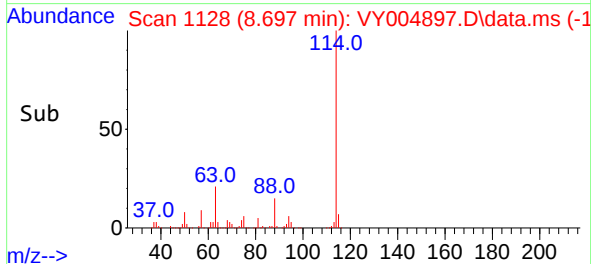
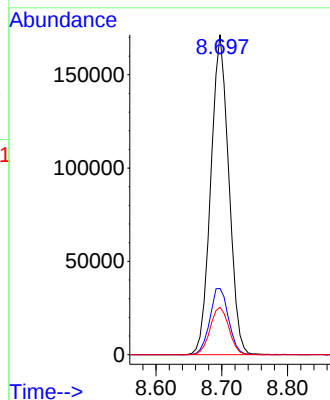
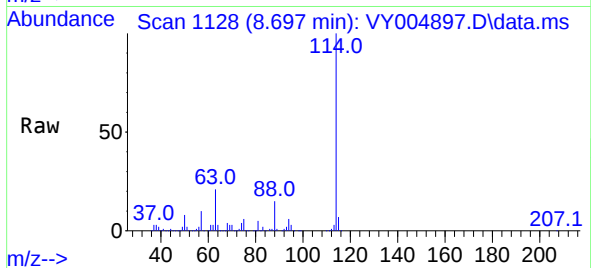
Delta R.T. -0.000 min

Lab File: VY004897.D

Acq: 27 May 2021 13:50

Tgt Ion:	114	Resp:	325794
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	42.8
88	14.8	0.0	31.0

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4



#35

Dibromofluoromethane

Concen: 56.54 ug/l

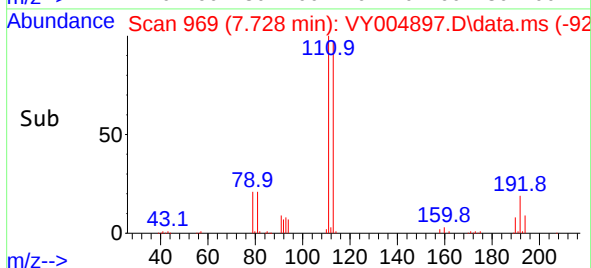
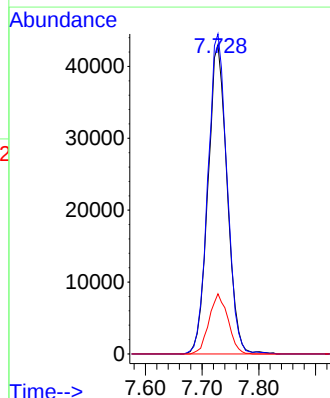
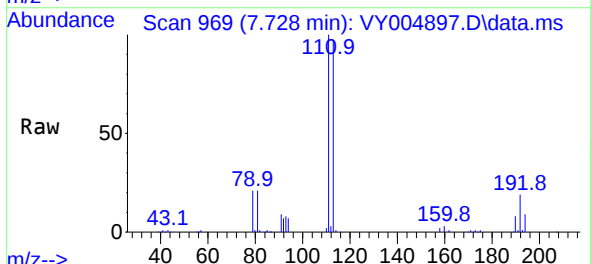
RT: 7.728 min Scan# 969

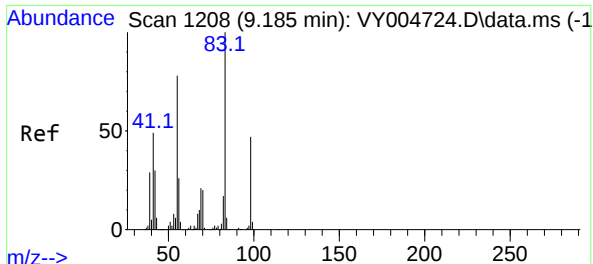
Delta R.T. -0.000 min

Lab File: VY004897.D

Acq: 27 May 2021 13:50

Tgt Ion:	113	Resp:	100850
Ion Ratio	Lower	Upper	
113	100		
111	103.4	80.5	120.7
192	19.2	15.0	22.6





#39

Methylcyclohexane

Concen: 11.25 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

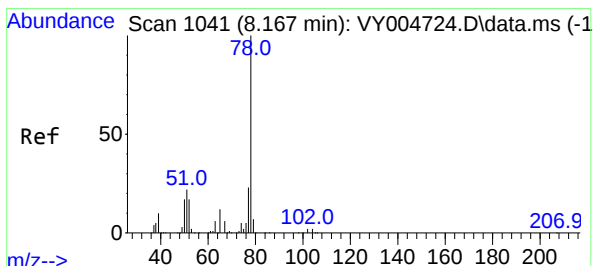
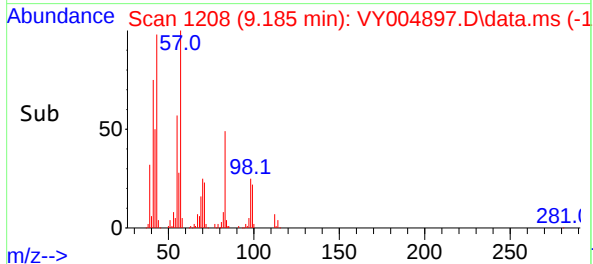
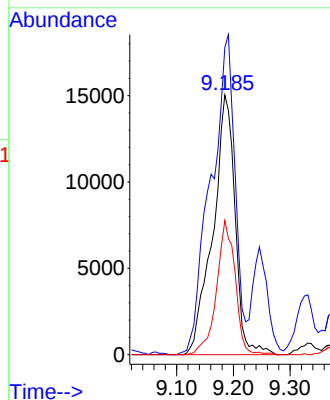
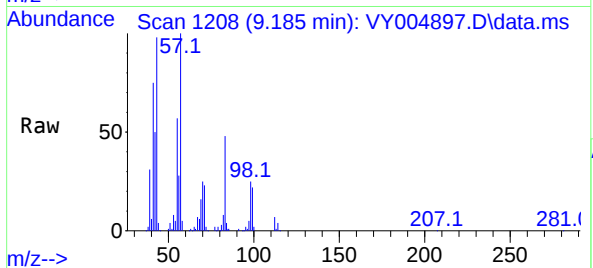
Lab File: VY004897.D

Acq: 27 May 2021 13:50

Tgt Ion: 83 Resp: 40961

Ion	Ratio	Lower	Upper
83	100		
55	117.7	62.6	94.0#
98	51.6	37.8	56.6

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4



#40

Benzene

Concen: 14.67 ug/l

RT: 8.167 min Scan# 1041

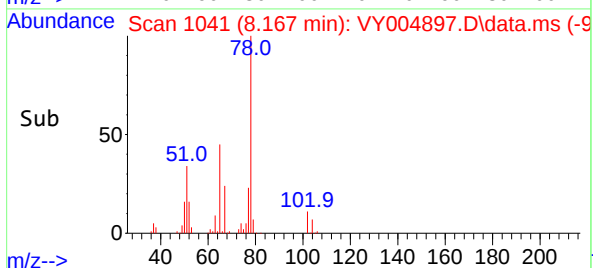
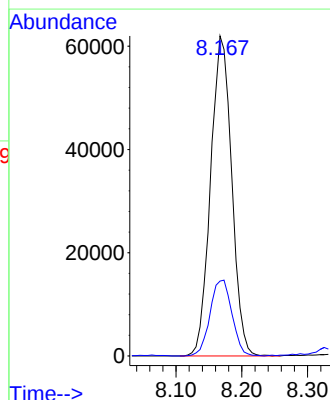
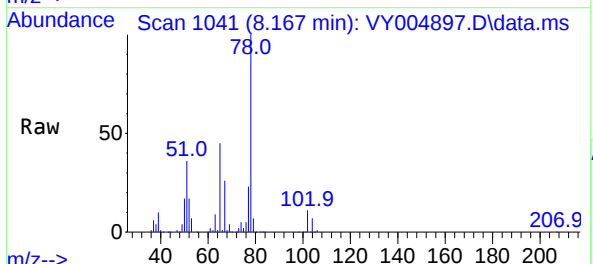
Delta R.T. -0.000 min

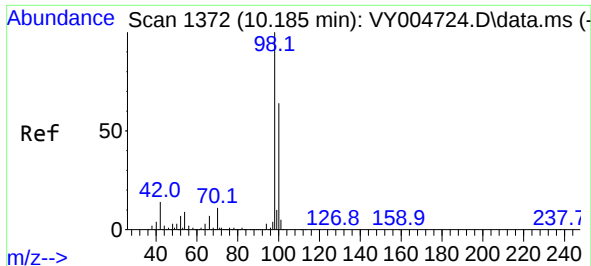
Lab File: VY004897.D

Acq: 27 May 2021 13:50

Tgt Ion: 78 Resp: 138457

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.4	27.6

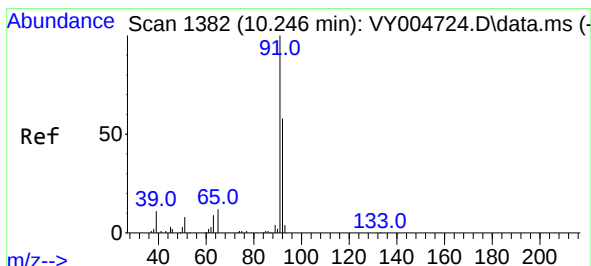
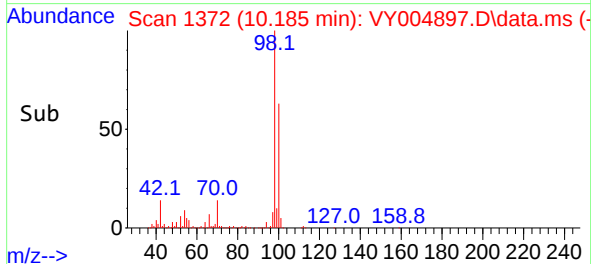
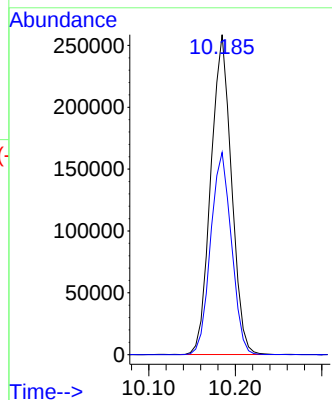
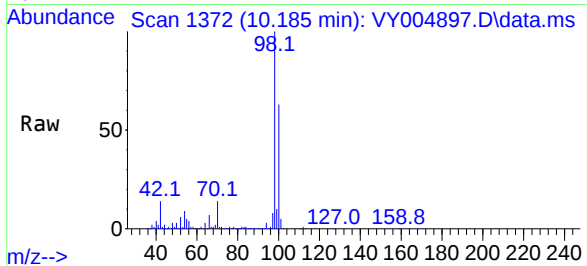




#50
Toluene-d8
Concen: 53.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

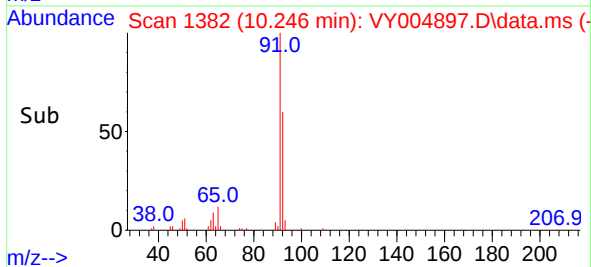
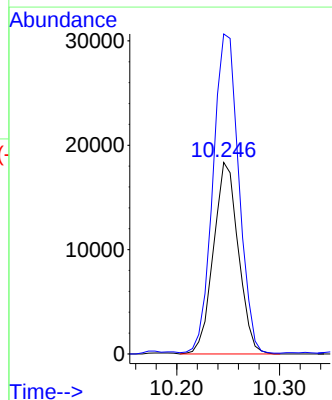
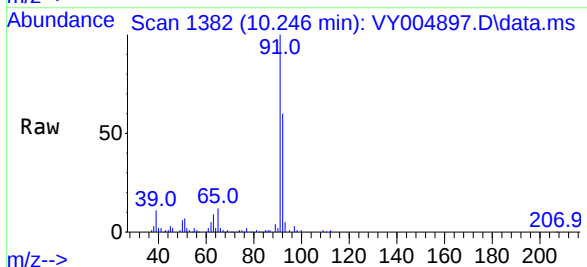
Instrument :
MSVOA_Y
ClientSampled :
GHOST-4

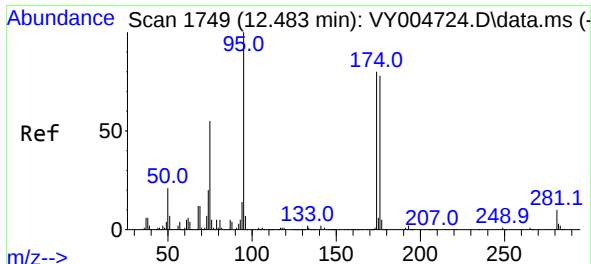
Tgt Ion: 98 Resp: 427603
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#52
Toluene
Concen: 5.16 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

Tgt Ion: 92 Resp: 30779
Ion Ratio Lower Upper
92 100
91 173.1 138.2 207.4



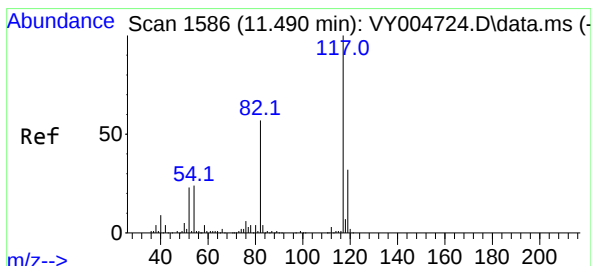
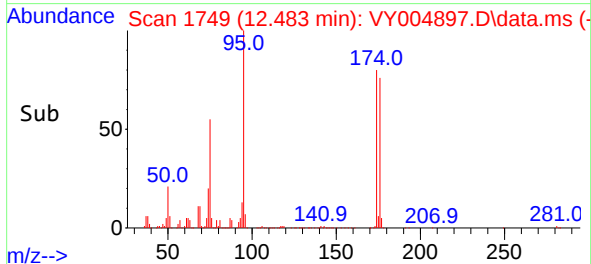
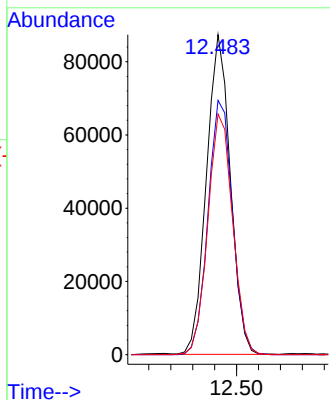
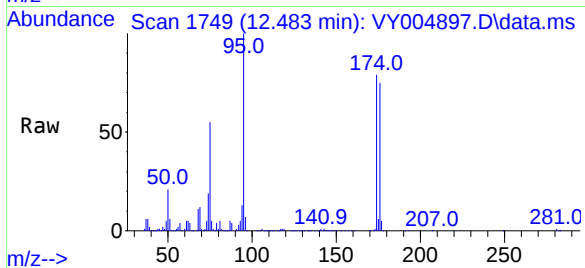


#62
4-Bromofluorobenzene
Concen: 48.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4

Tgt Ion: 95 Resp: 132281

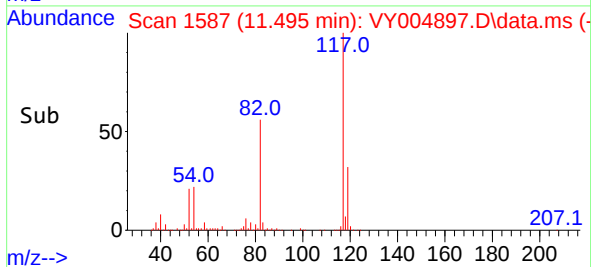
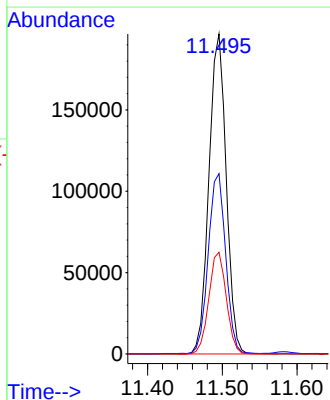
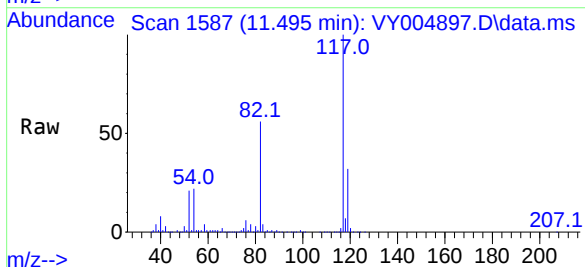
Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	164.2
176	78.0	0.0	159.0

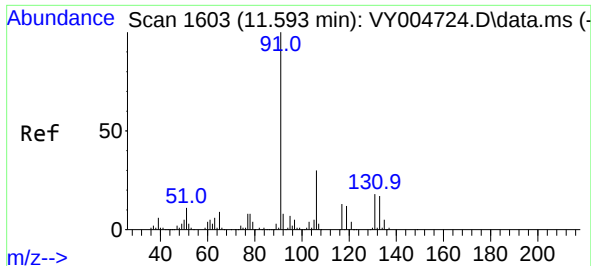


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

Tgt Ion: 117 Resp: 316395

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.4	68.2
119	31.8	25.8	38.6

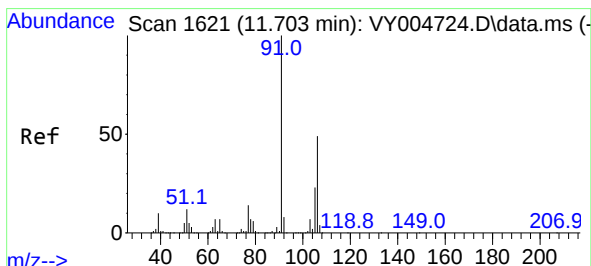
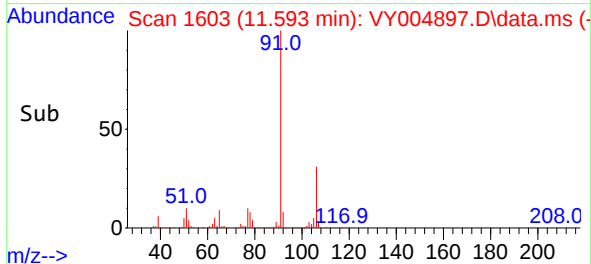
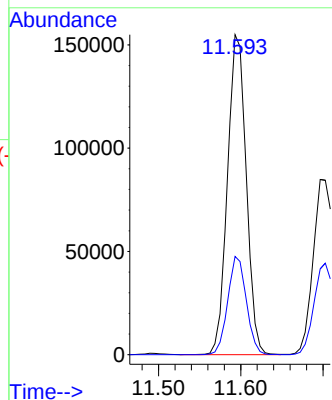
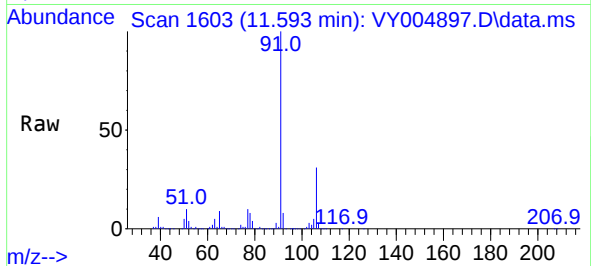




#67
Ethyl Benzene
Concen: 20.32 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

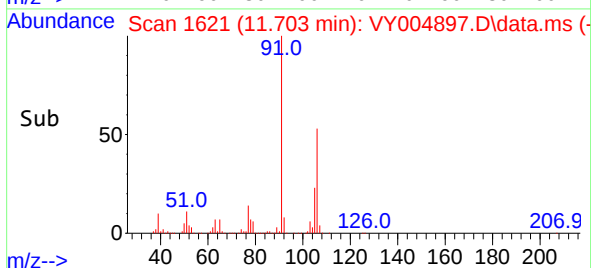
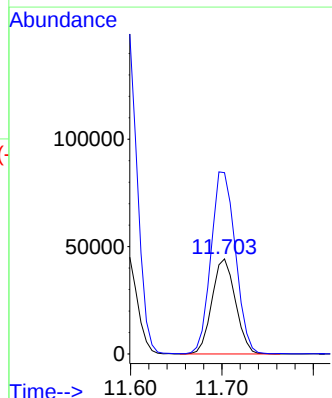
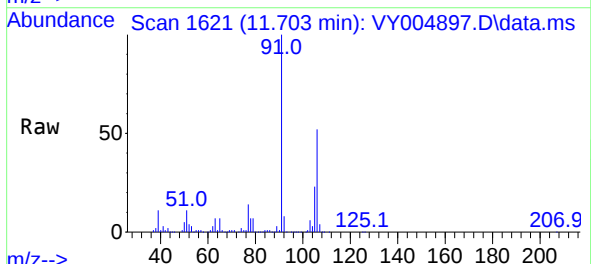
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4

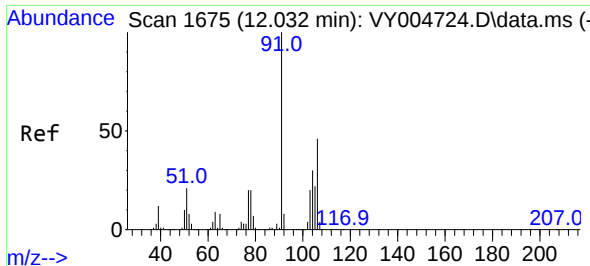
Tgt Ion: 91 Resp: 245792
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0



#68
m/p-Xylenes
Concen: 17.38 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

Tgt Ion:106 Resp: 79022
Ion Ratio Lower Upper
106 100
91 198.6 163.6 245.4

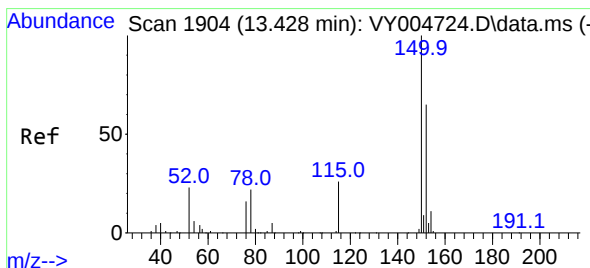
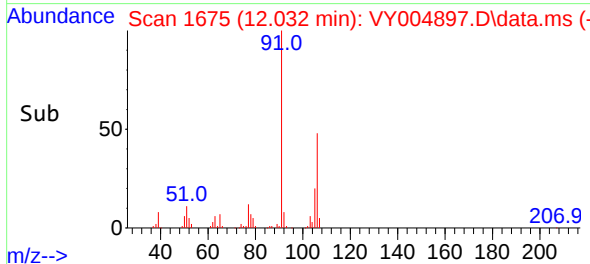
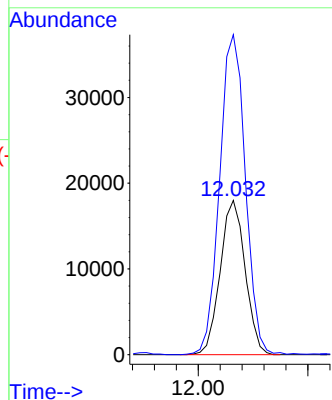
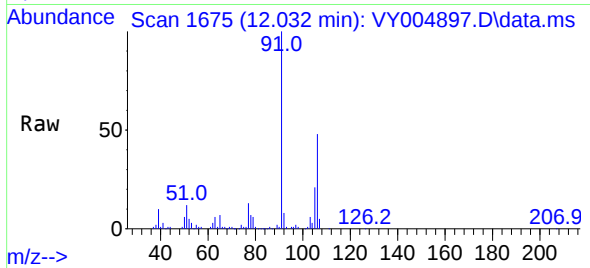




#69
o-Xylene
Concen: 6.70 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

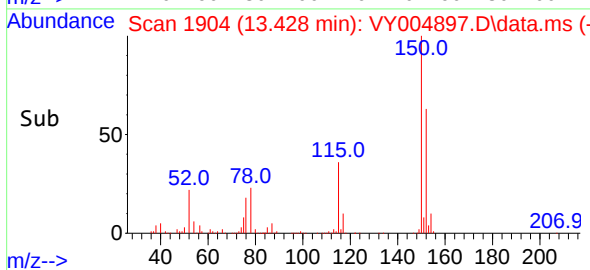
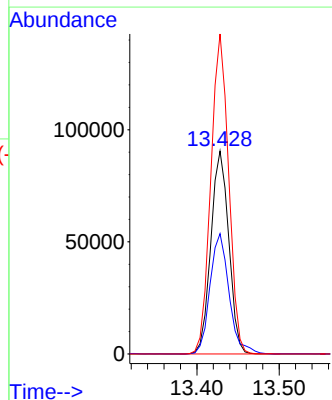
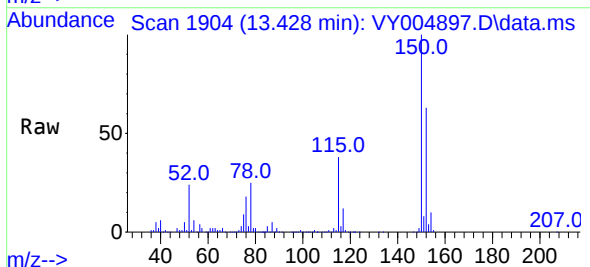
Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4

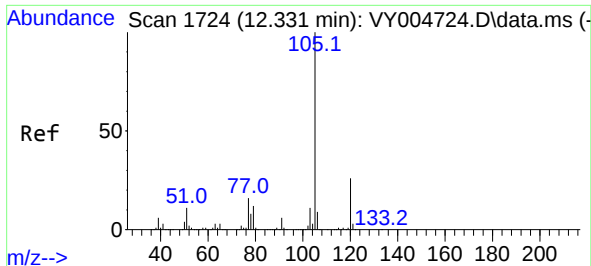
Tgt Ion:106 Resp: 28465
Ion Ratio Lower Upper
106 100
91 214.1 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

Tgt Ion:152 Resp: 136881
Ion Ratio Lower Upper
152 100
115 63.3 29.4 88.3
150 156.9 0.0 349.8

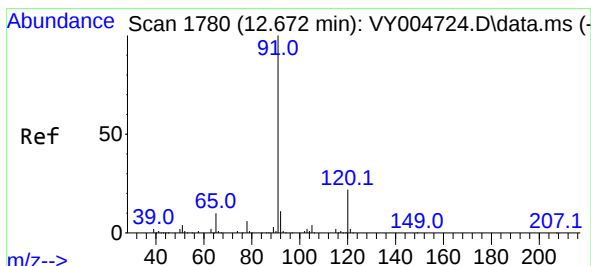
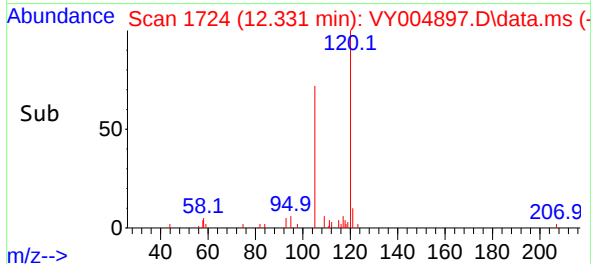
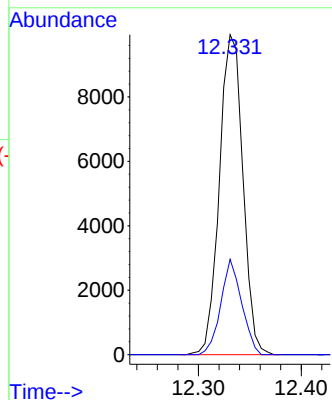
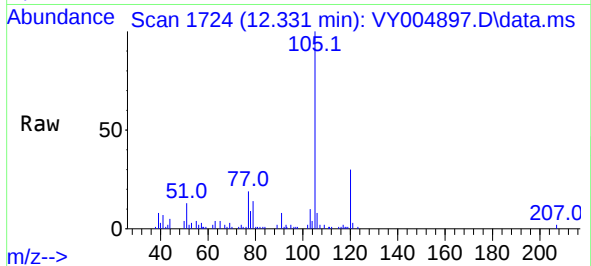




#73
Isopropylbenzene
Concen: 1.52 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

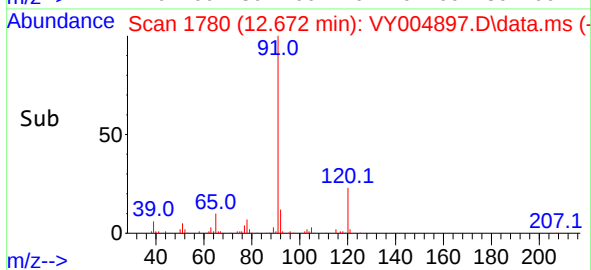
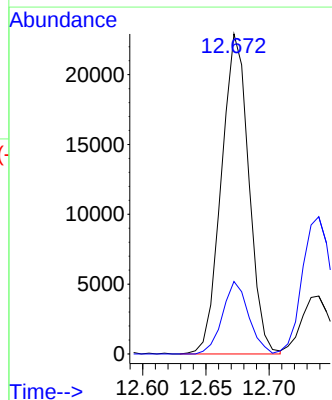
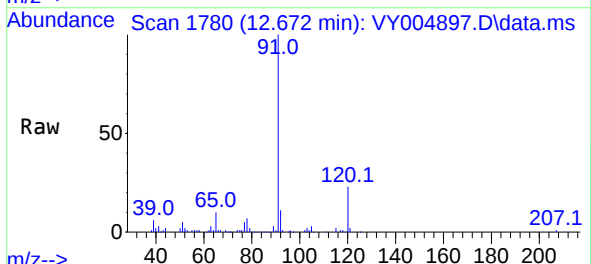
Instrument :
MSVOA_Y
ClientSampled :
GHOST-4

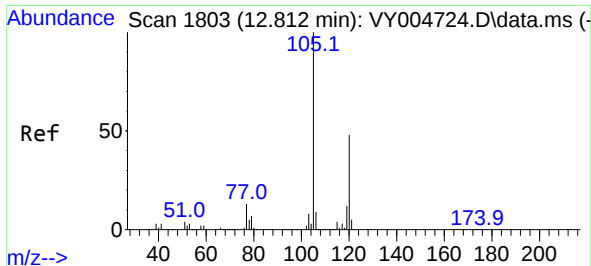
Tgt Ion:105 Resp: 15741
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#78
n-propylbenzene
Concen: 2.74 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

Tgt Ion: 91 Resp: 34560
Ion Ratio Lower Upper
91 100
120 21.6 11.1 33.3

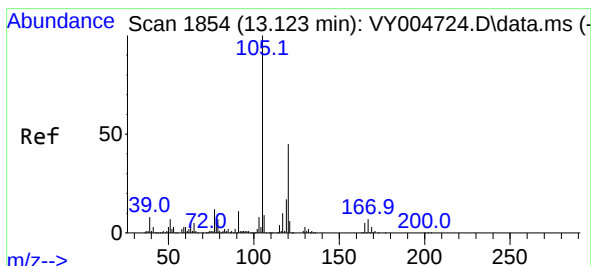
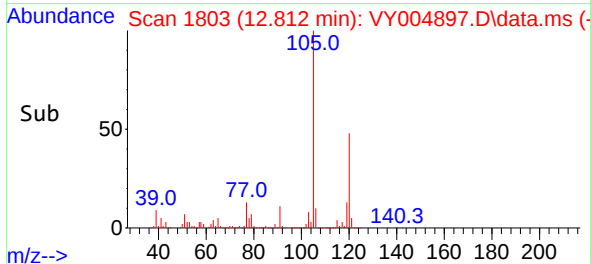
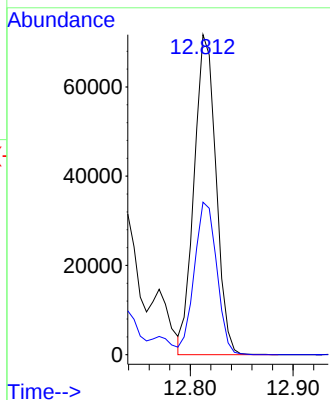
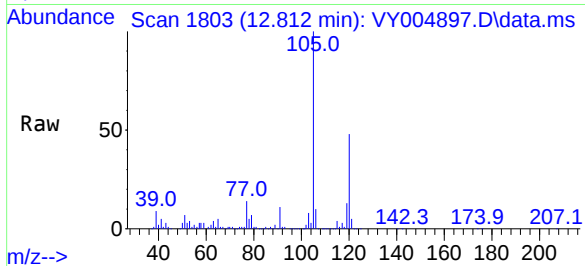




#80
1,3,5-Trimethylbenzene
Concen: 12.37 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

Instrument :
MSVOA_Y
ClientSampleId :
GHOST-4

Tgt Ion:105 Resp: 106052
Ion Ratio Lower Upper
105 100
120 49.0 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 15.64 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004897.D
Acq: 27 May 2021 13:50

Tgt Ion:105 Resp: 134283
Ion Ratio Lower Upper
105 100
120 45.2 22.5 67.5

