

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
 Data File : VY004404.D
 Acq On : 13 Apr 2021 12:48
 Operator : SY/MD
 Sample : M2020-01
 Misc : 7.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 109-SB-1

Quant Time: Apr 14 01:24:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	165527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	287905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	255197	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	265589	50.00	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	94203	51.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.44%
35) Dibromofluoromethane	7.728	113	74587	46.68	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.36%
50) Toluene-d8	10.191	98	1387197	204.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	408.24%#
62) 4-Bromofluorobenzene	12.483	95	529011	229.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	458.76%#

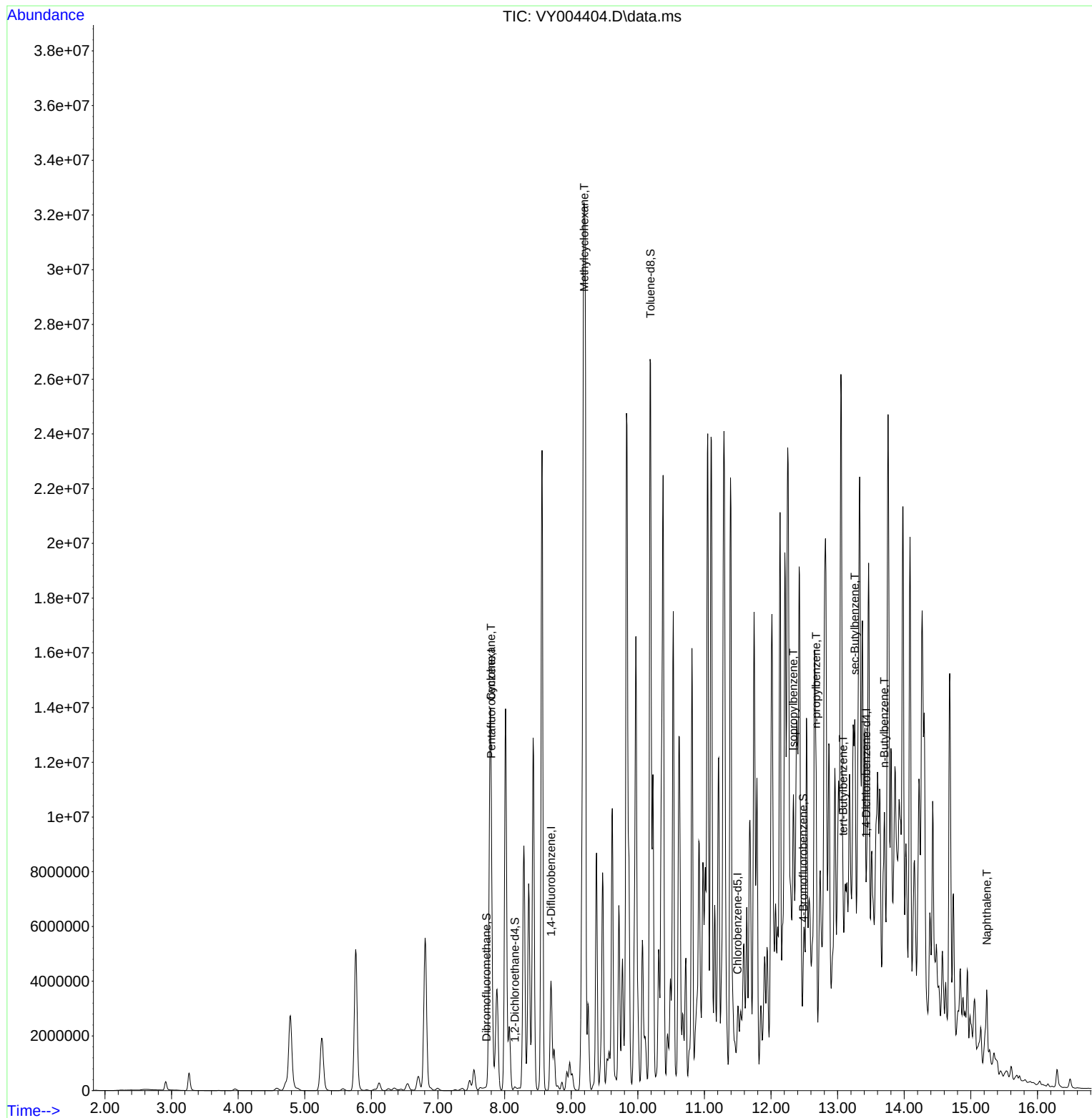
Target Compounds						Qvalue
31) Cyclohexane	7.795	56	5884711	1745.41	ug/l #	85
39) Methylcyclohexane	9.197	83	17405621	4941.76	ug/l	95
73) Isopropylbenzene	12.337	105	2917491	142.16	ug/l	100
78) n-propylbenzene	12.678	91	5115312	210.99	ug/l	99
83) tert-Butylbenzene	13.081	119	329900	23.11	ug/l	76
85) sec-Butylbenzene	13.257	105	2531959	127.13	ug/l #	70
89) n-Butylbenzene	13.702	91	2583740	149.42	ug/l #	88
95) Naphthalene	15.239	128	2160900	197.12	ug/l	99

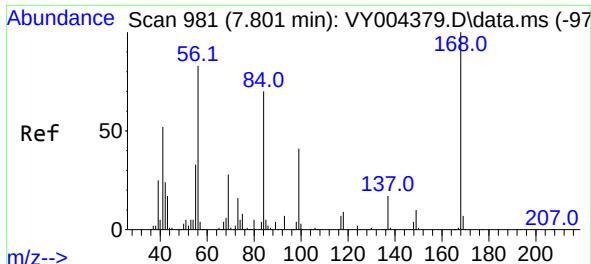
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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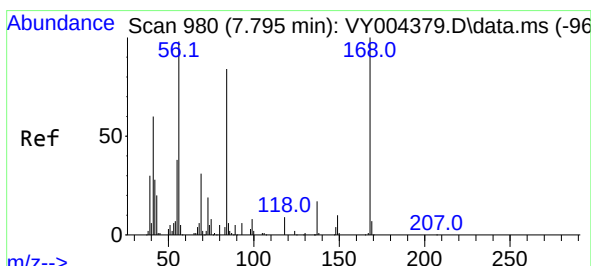
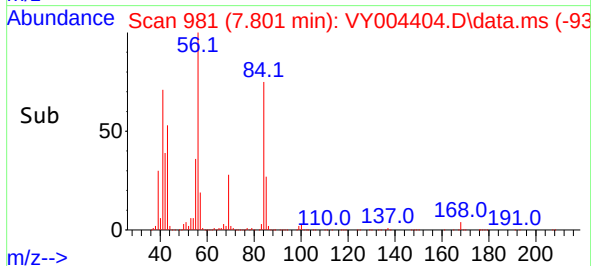
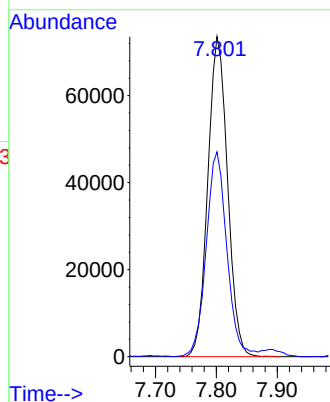
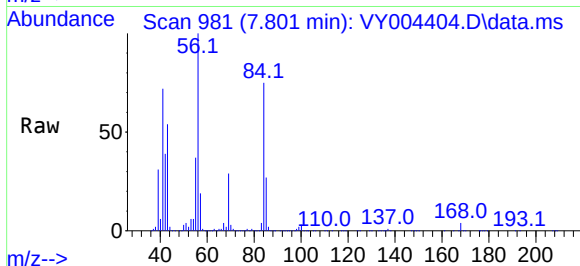




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

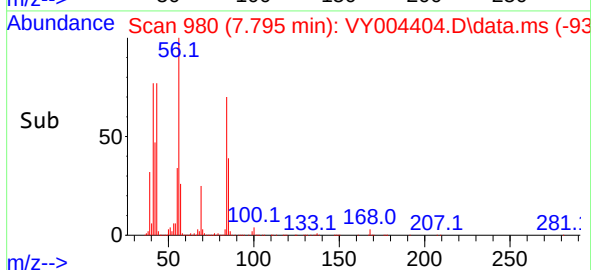
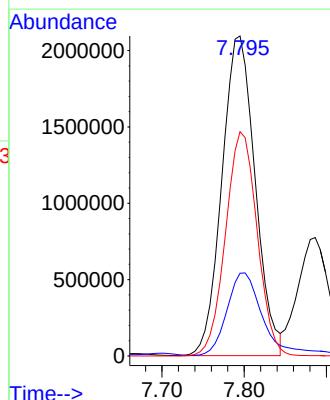
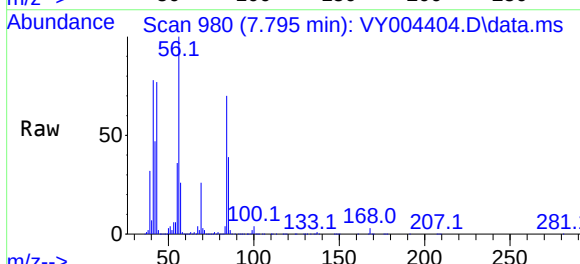
Instrument :
MSVOA_Y
ClientSampled :
109-SB-1

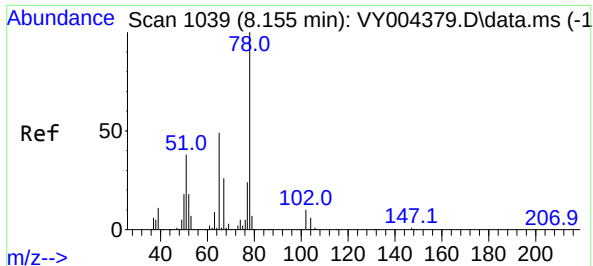
Tgt Ion:168 Resp: 165527
Ion Ratio Lower Upper
168 100
99 63.8 45.5 68.3



#31
Cyclohexane
Concen: 1745.41 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 56 Resp: 5884711
Ion Ratio Lower Upper
56 100
69 25.5 25.8 38.6#
84 70.2 68.2 102.4

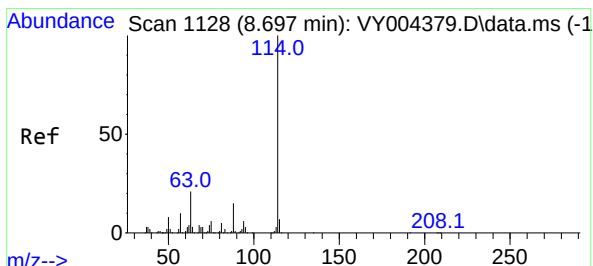
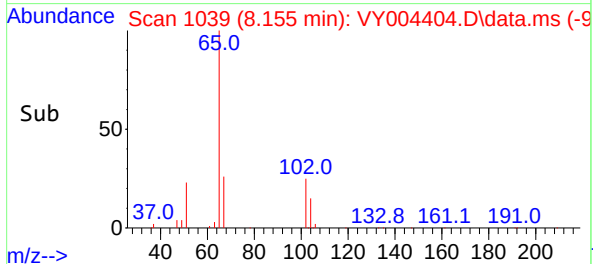
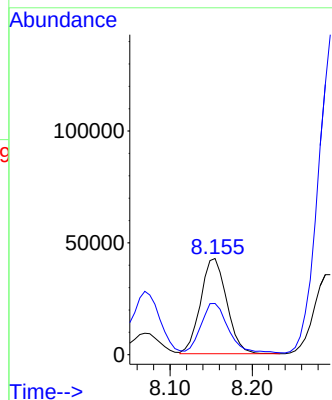
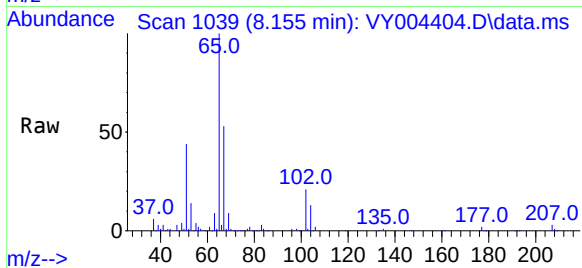




#33
1,2-Dichloroethane-d4
Concen: 51.22 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

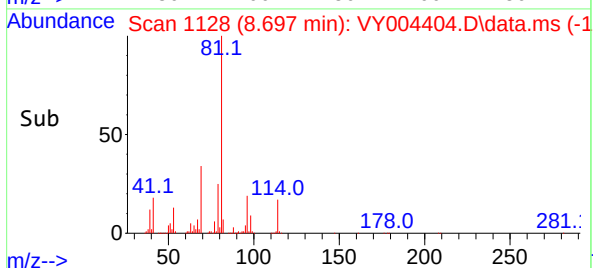
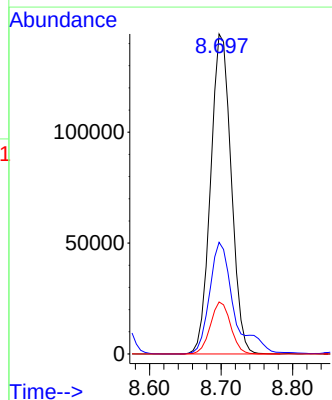
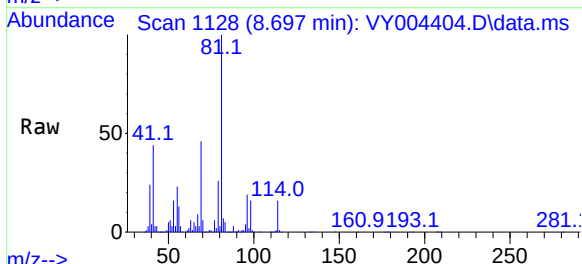
Instrument :
MSVOA_Y
ClientSampled :
109-SB-1

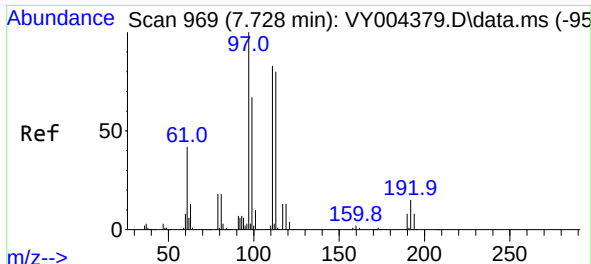
Tgt Ion: 65 Resp: 94203
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion:114 Resp: 287905
Ion Ratio Lower Upper
114 100
63 34.9 0.0 42.4
88 16.3 0.0 30.8

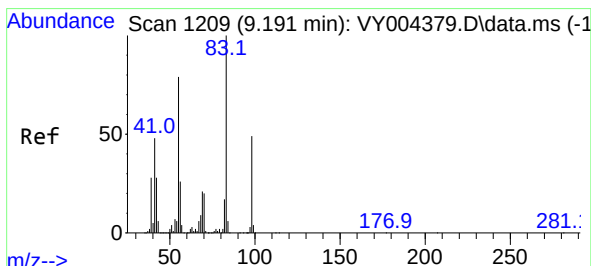
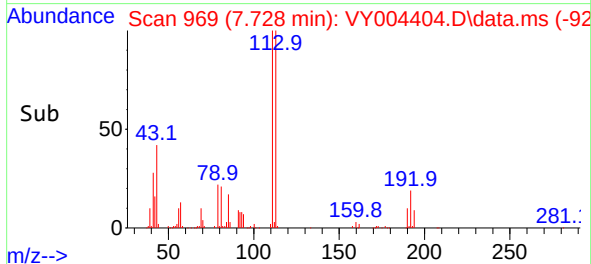
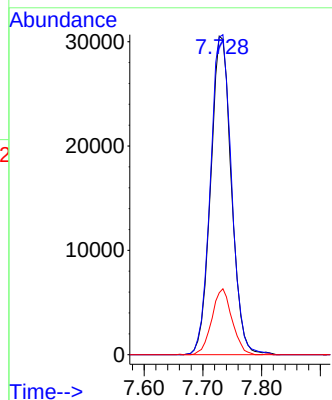
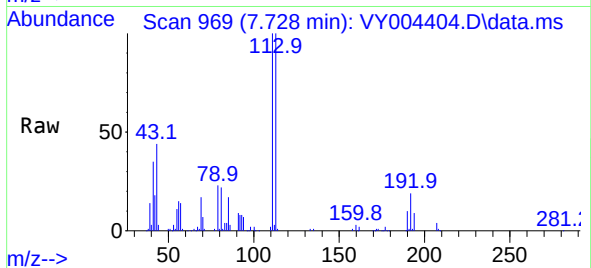




#35
Dibromofluoromethane
Concen: 46.68 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

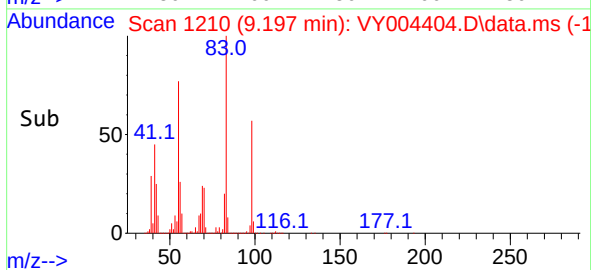
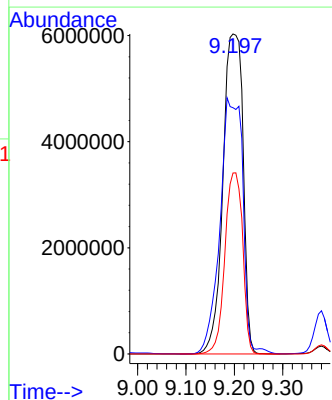
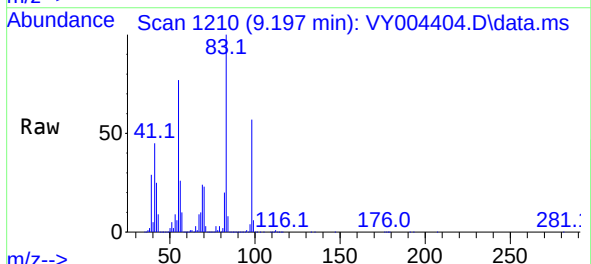
Instrument :
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ClientSampleId :
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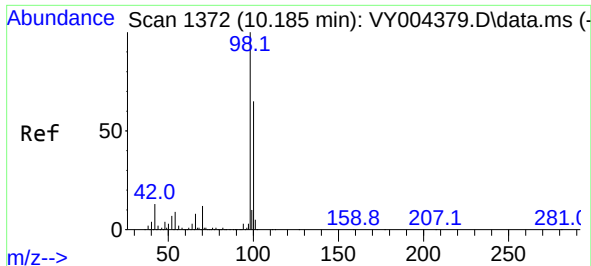
Tgt Ion:113 Resp: 74587
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 20.2 16.1 24.1



#39
Methylcyclohexane
Concen: 4941.76 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. 0.006 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 83 Resp:17405621
Ion Ratio Lower Upper
83 100
55 77.0 63.0 94.4
98 56.6 39.2 58.8

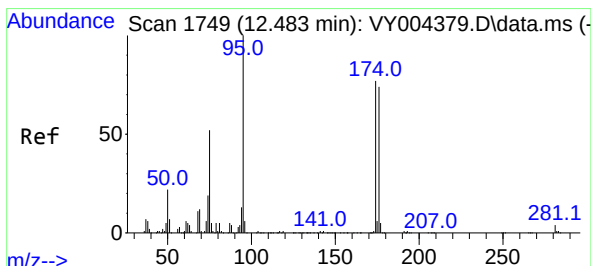
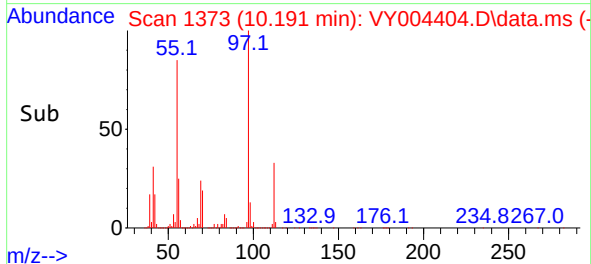
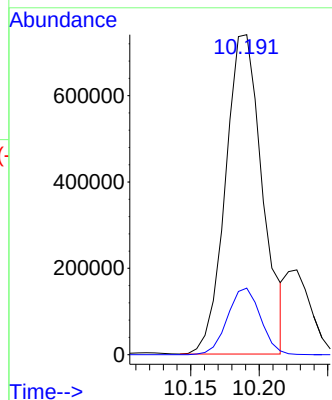
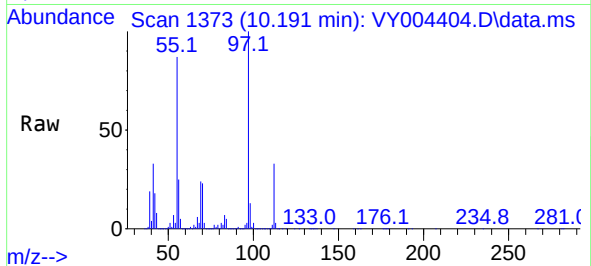




#50
Toluene-d8
Concen: 204.12 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

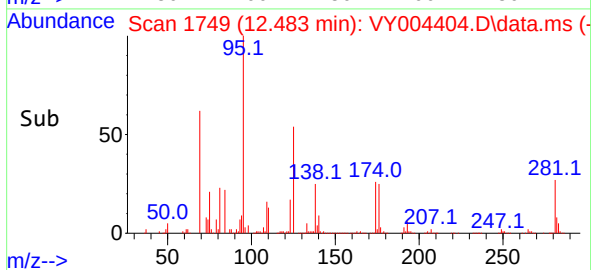
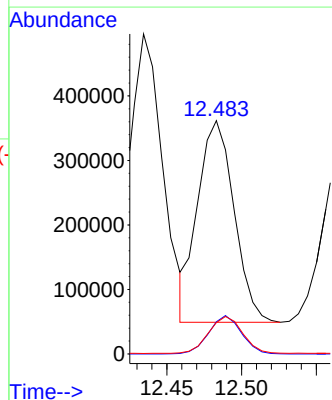
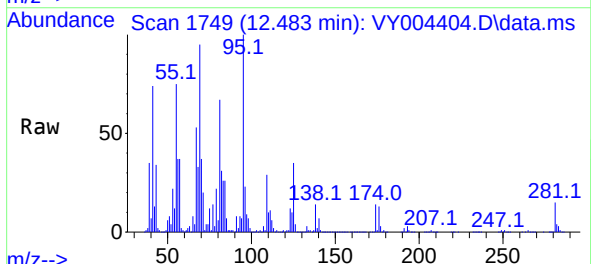
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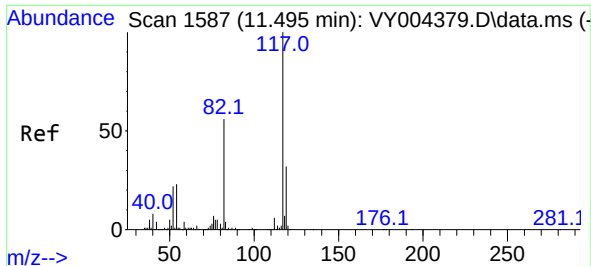
Tgt Ion: 98 Resp: 1387197
Ion Ratio Lower Upper
98 100
100 18.6 51.8 77.6#



#62
4-Bromofluorobenzene
Concen: 229.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 95 Resp: 529011
Ion Ratio Lower Upper
95 100
174 17.1 0.0 162.4
176 17.1 0.0 156.0

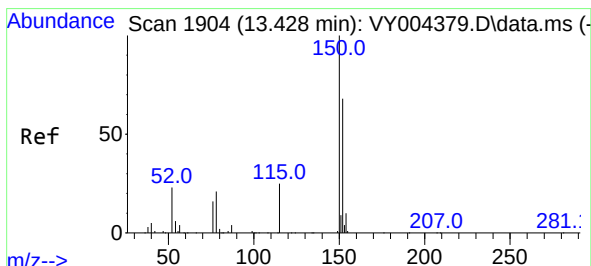
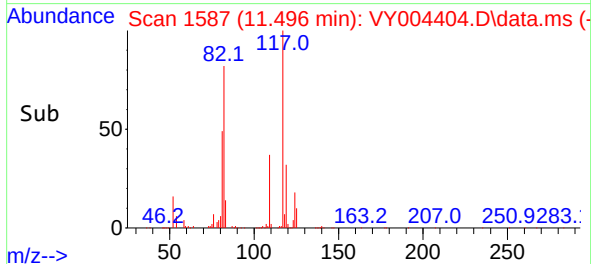
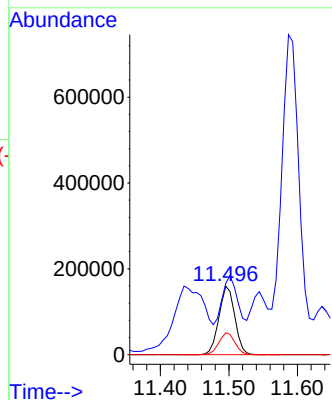
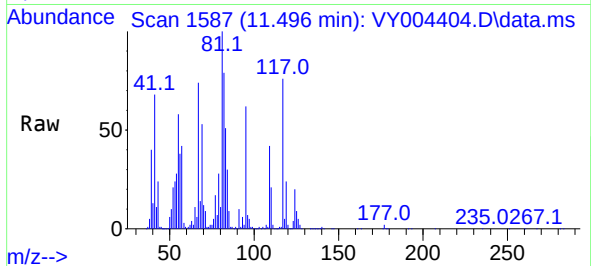




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

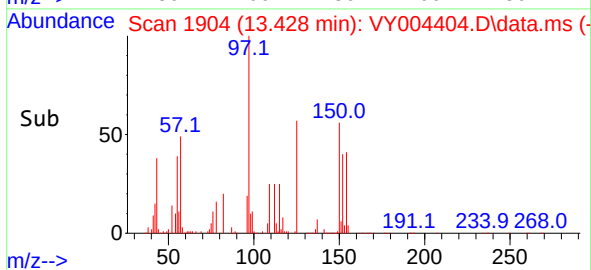
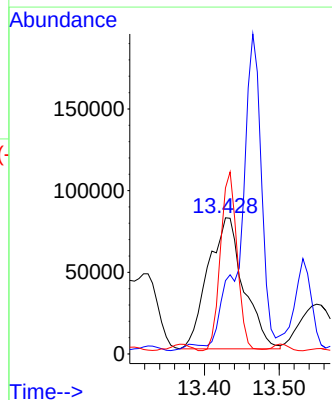
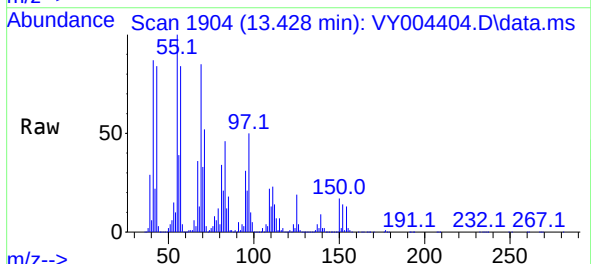
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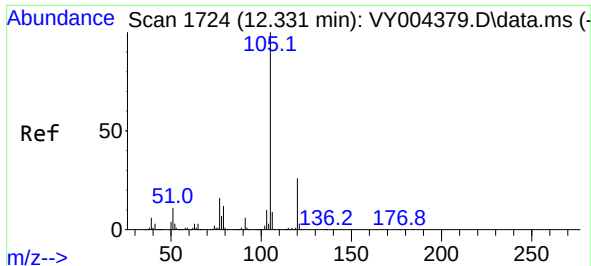
Tgt Ion:117 Resp: 255197
Ion Ratio Lower Upper
117 100
82 20.9 44.9 67.3#
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion:152 Resp: 265589
Ion Ratio Lower Upper
152 100
115 0.0 29.6 88.8#
150 64.5 0.0 348.4

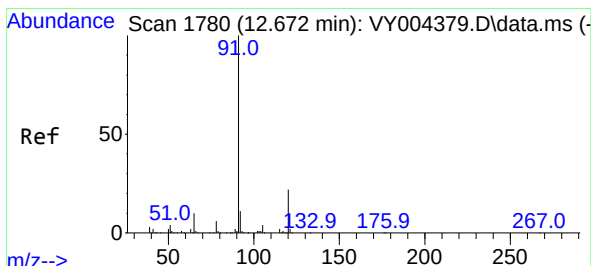
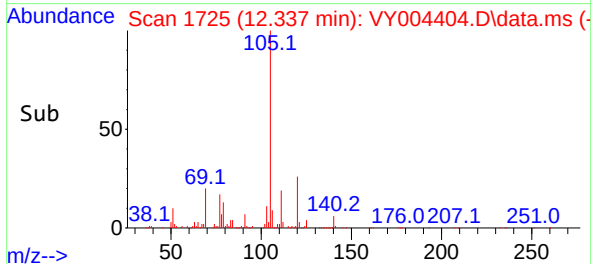
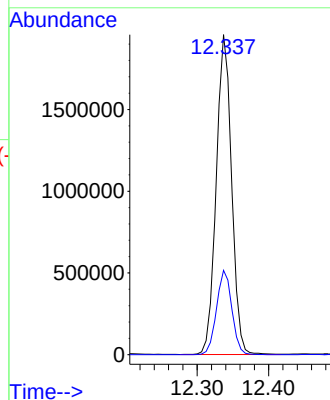
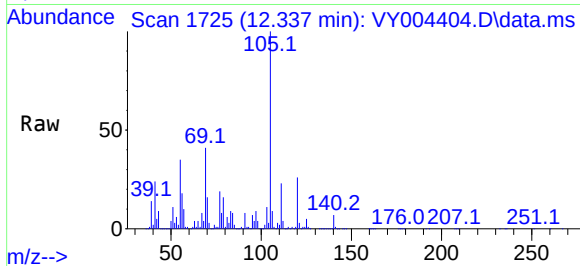




#73
Isopropylbenzene
Concen: 142.16 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

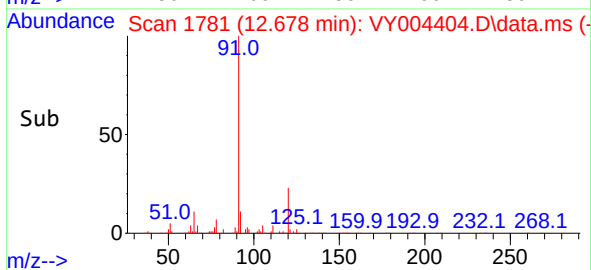
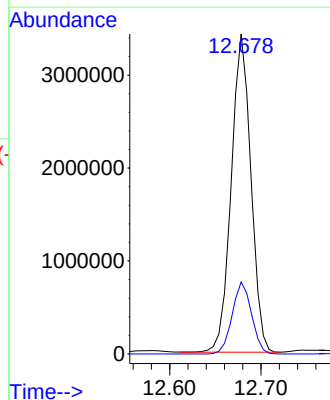
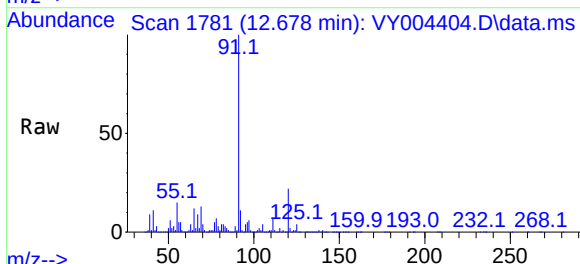
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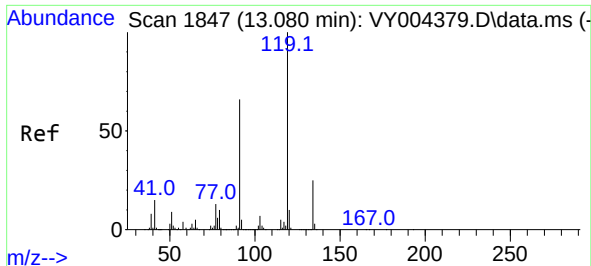
Tgt Ion:105 Resp: 2917491
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#78
n-propylbenzene
Concen: 210.99 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion: 91 Resp: 5115312
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4

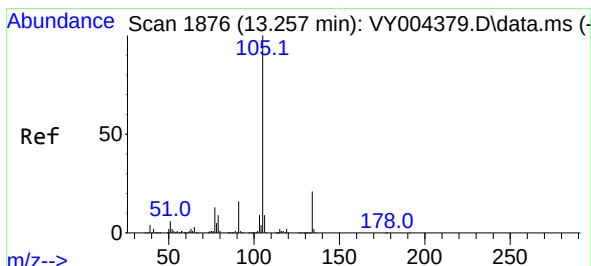
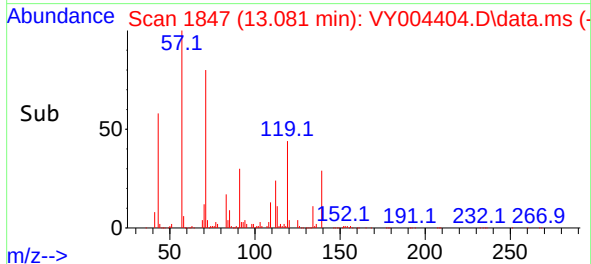
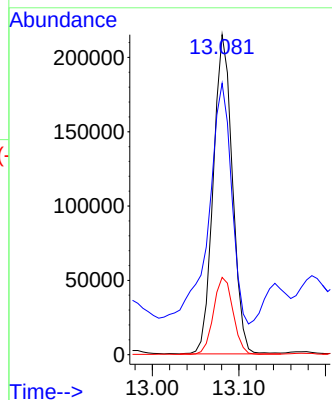
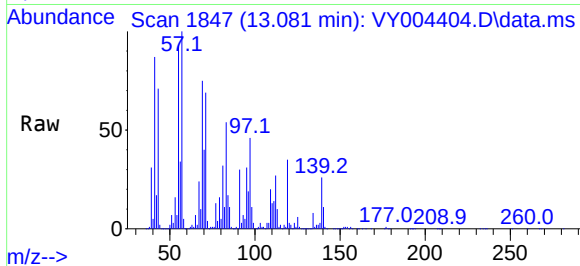




#83
tert-Butylbenzene
Concen: 23.11 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

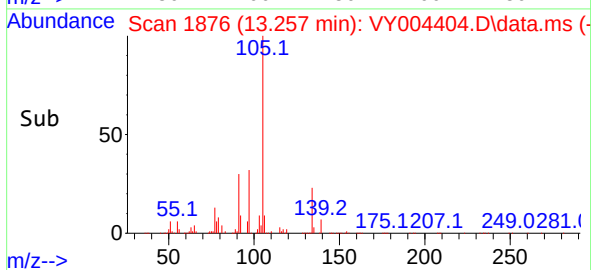
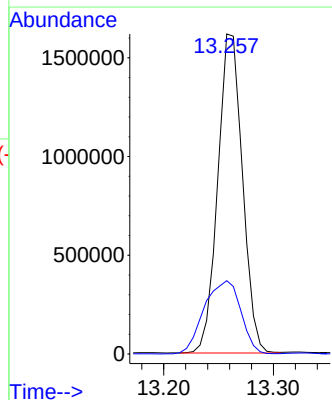
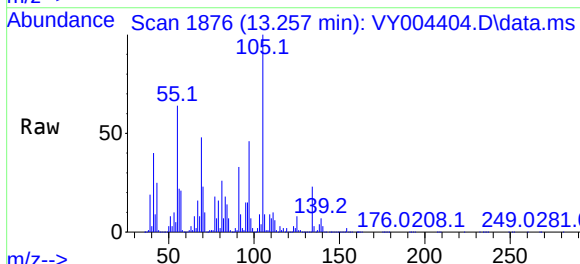
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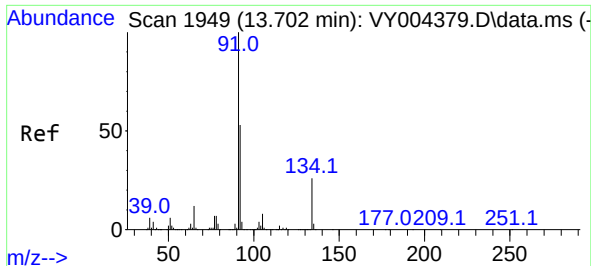
Tgt Ion:119 Resp: 329900
Ion Ratio Lower Upper
119 100
91 91.5 32.6 98.0
134 24.6 12.9 38.6



#85
sec-Butylbenzene
Concen: 127.13 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion:105 Resp: 2531959
Ion Ratio Lower Upper
105 100
134 33.9 10.1 30.3#

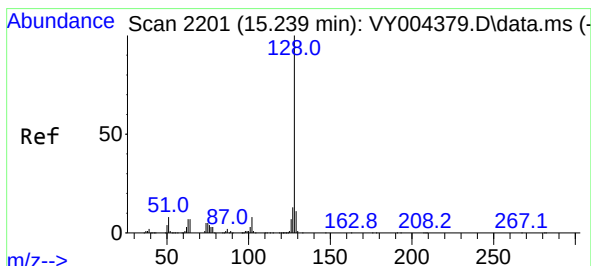
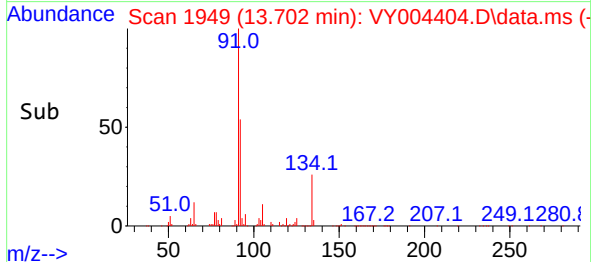
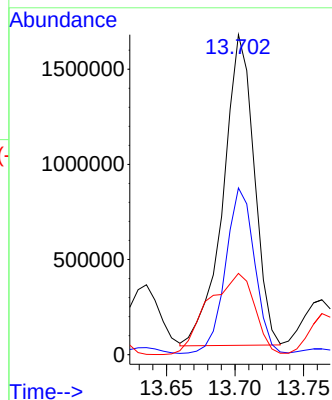
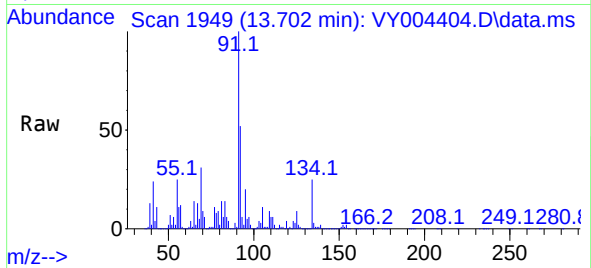




#89
n-Butylbenzene
Concen: 149.42 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Instrument :
MSVOA_Y
ClientSampled :
109-SB-1

Tgt Ion: 91 Resp: 2583740
Ion Ratio Lower Upper
91 100
92 49.5 26.6 79.8
134 38.9 12.7 38.1#



#95
Naphthalene
Concen: 197.12 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004404.D
Acq: 13 Apr 2021 12:48

Tgt Ion:128 Resp: 2160900
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.0 8.8 13.2

