

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004713.D
 Acq On : 04 May 2021 14:21
 Operator : SY/MD
 Sample : M2255-01
 Misc : 4.34G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-050321

Quant Time: May 05 01:33:56 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)

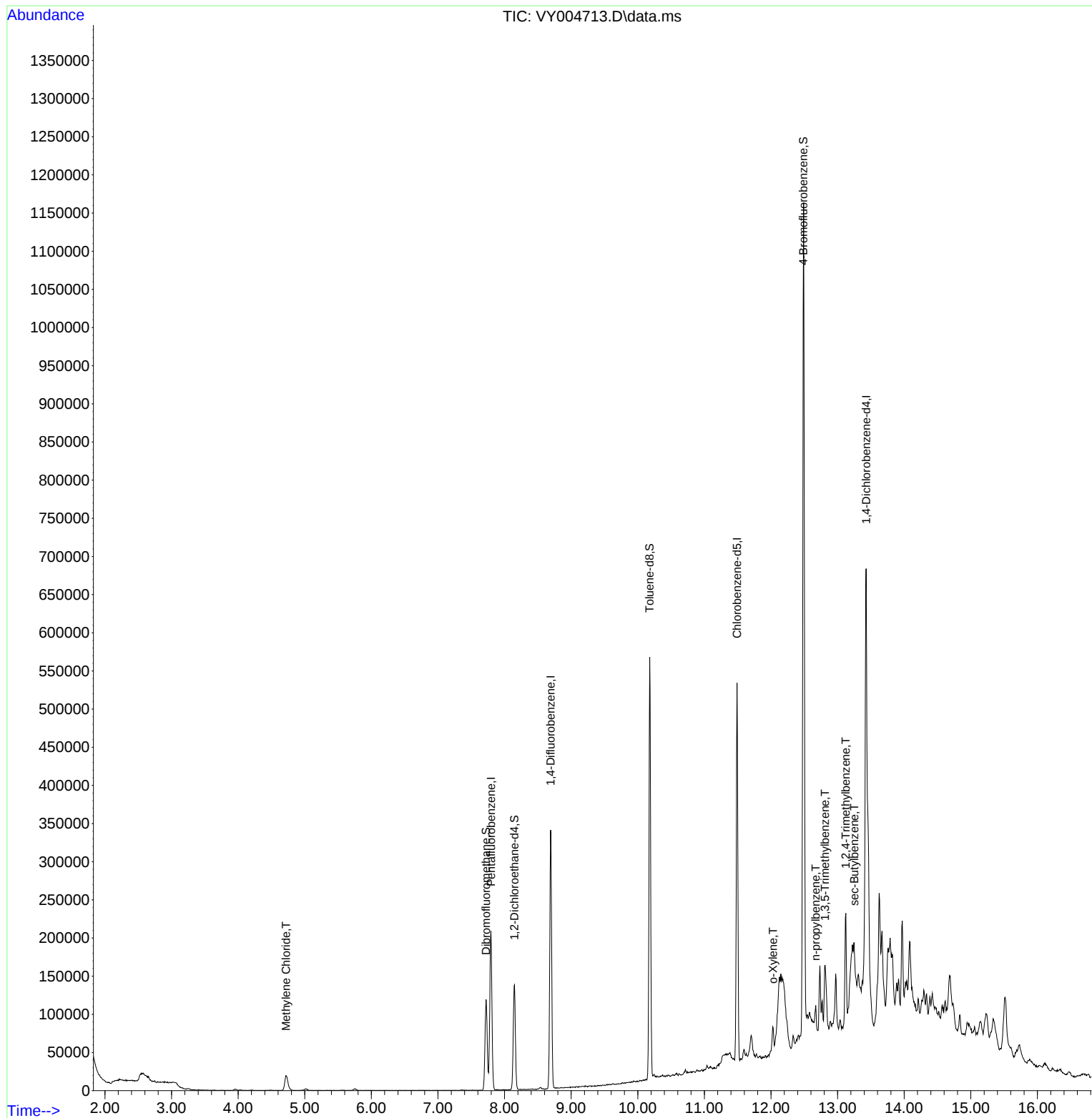
Internal Standards						
1) Pentafluorobenzene	7.795	168	154643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	246527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106945	62.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.48%
35) Dibromofluoromethane	7.722	113	80147	52.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.26%
50) Toluene-d8	10.179	98	339665	52.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.88%
62) 4-Bromofluorobenzene	12.483	95	110837	50.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.84%
Target Compounds						
20) Methylene Chloride	4.716	84	13884	8.37	ug/l	96
69) o-Xylene	12.032	106	8716	2.66	ug/l	94
78) n-propylbenzene	12.672	91	19839	2.19	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	30926	4.96	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	76767	12.19	ug/l	100
85) sec-Butylbenzene	13.251	105	11793	1.58	ug/l	90

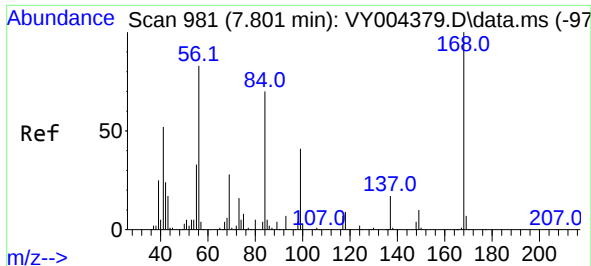
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
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Response via : Initial Calibration

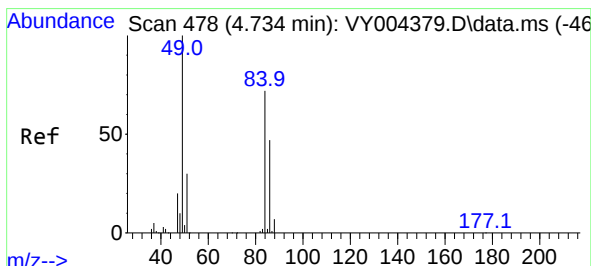
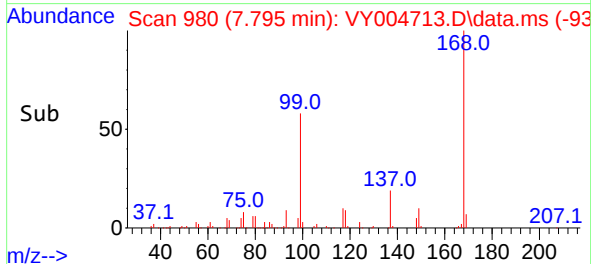
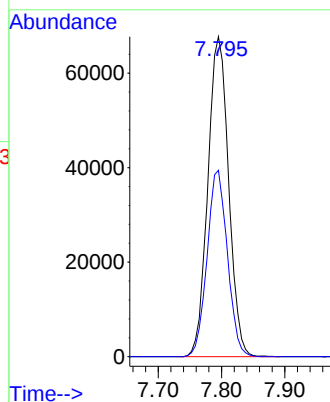
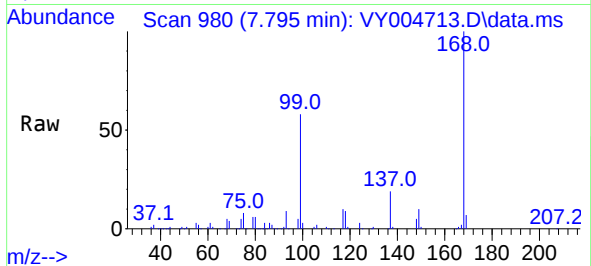




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

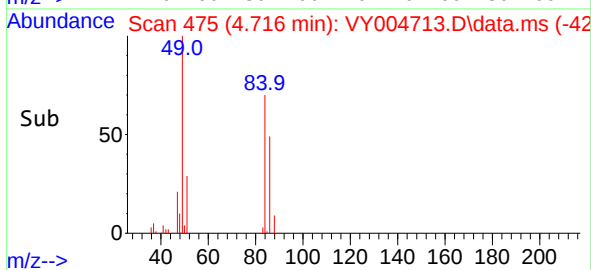
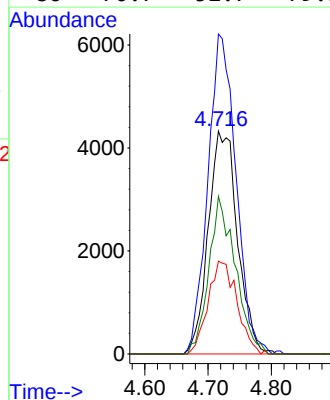
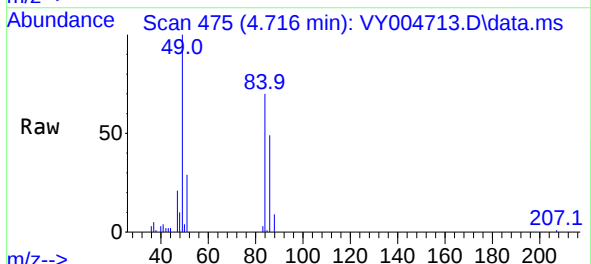
Instrument :
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ClientSampleId :
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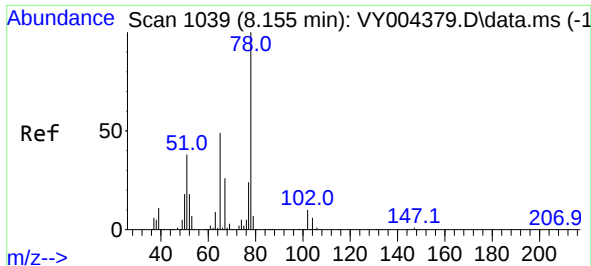
Tgt Ion:168 Resp: 154643
Ion Ratio Lower Upper
168 100
99 58.3 45.5 68.3



#20
Methylene Chloride
Concen: 8.37 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

Tgt Ion: 84 Resp: 13884
Ion Ratio Lower Upper
84 100
49 143.6 111.2 166.8
51 41.6 33.4 50.2
86 70.7 52.7 79.1

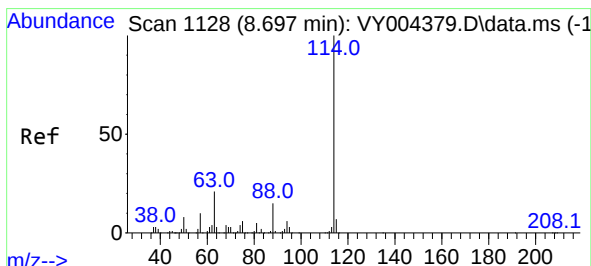
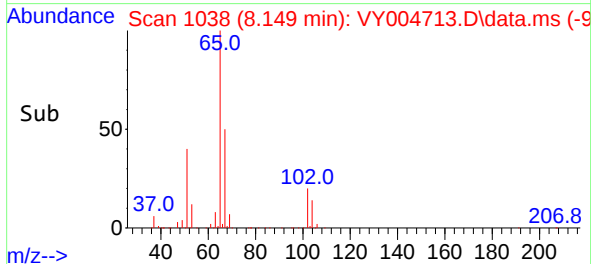
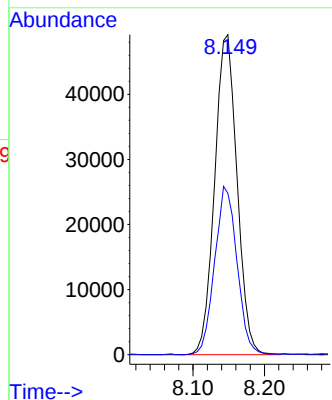
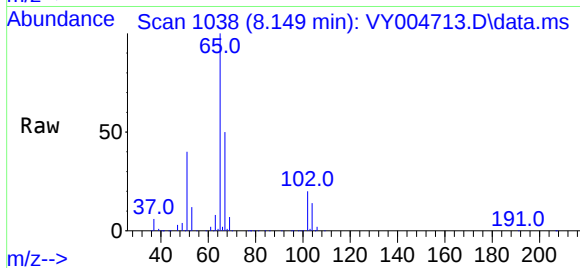




#33
1,2-Dichloroethane-d4
Concen: 62.24 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

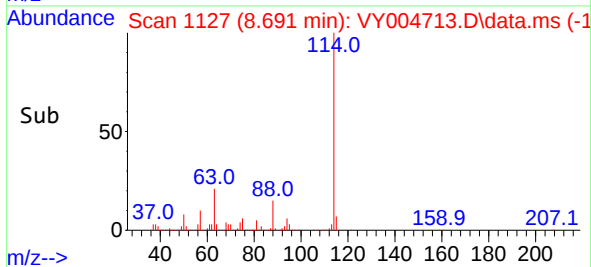
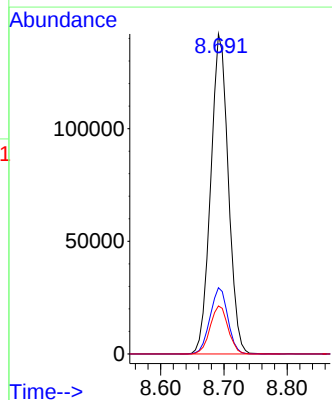
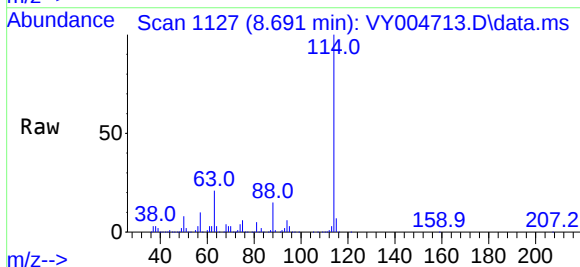
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-050321

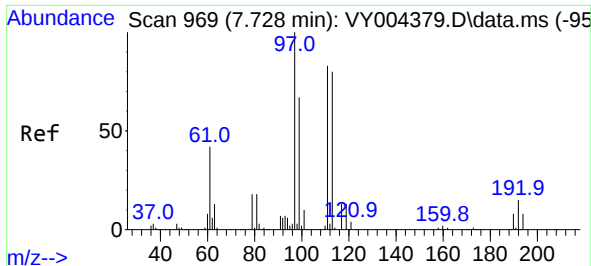
Tgt Ion: 65 Resp: 106945
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

Tgt Ion:114 Resp: 274413
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 15.0 0.0 30.8

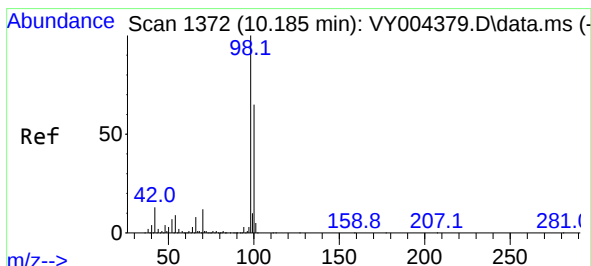
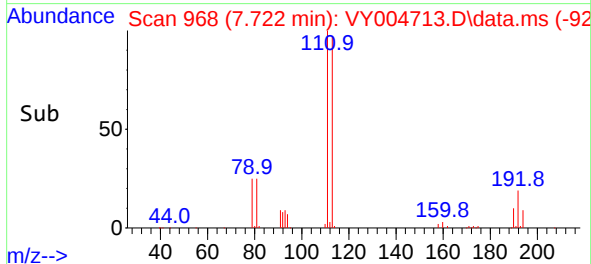
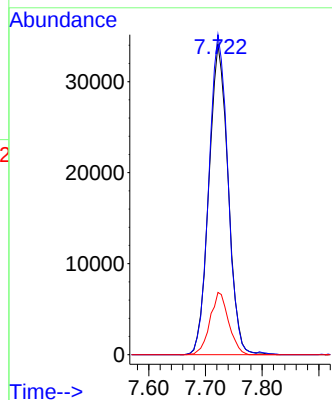
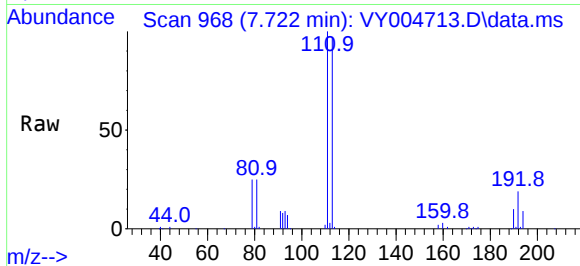




#35
Dibromofluoromethane
Concen: 52.63 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

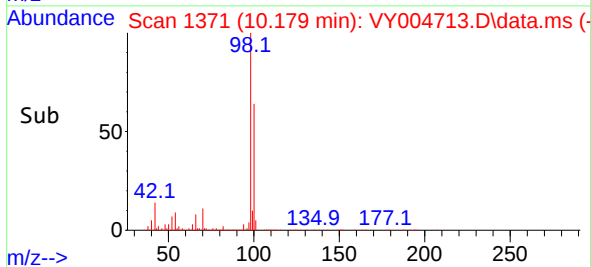
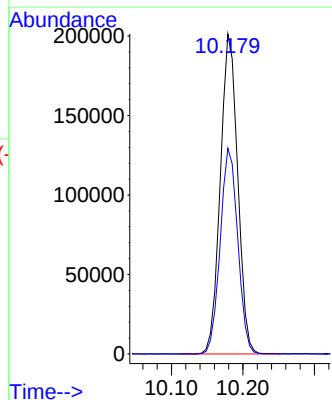
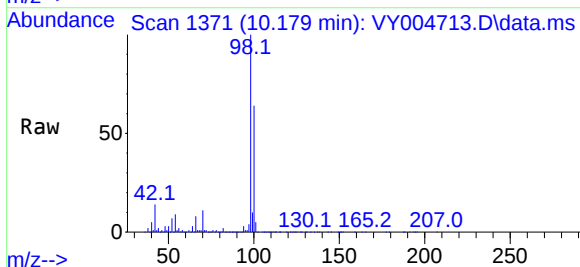
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-050321

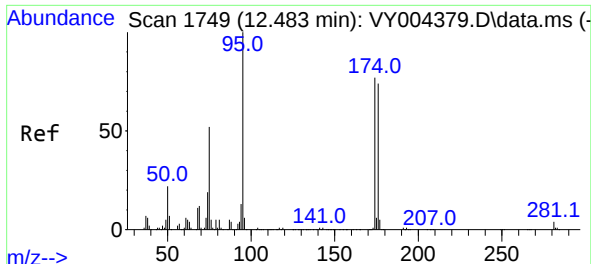
Tgt Ion:113 Resp: 80147
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 19.5 16.1 24.1



#50
Toluene-d8
Concen: 52.44 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

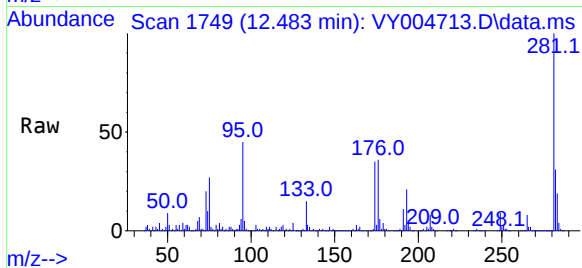
Tgt Ion: 98 Resp: 339665
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



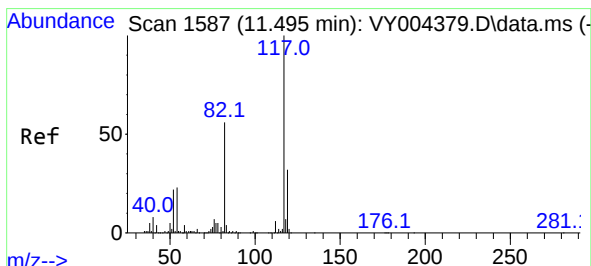
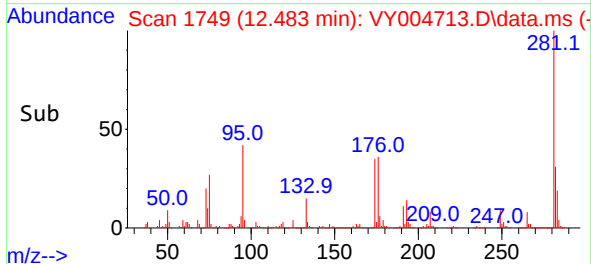
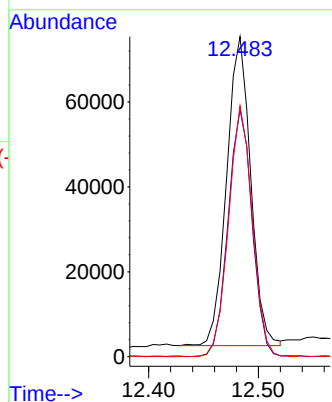


#62
4-Bromofluorobenzene
Concen: 50.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

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ClientSampleId :
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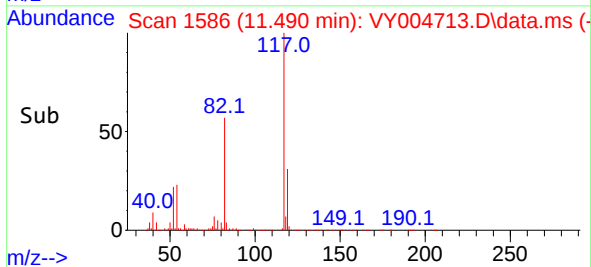
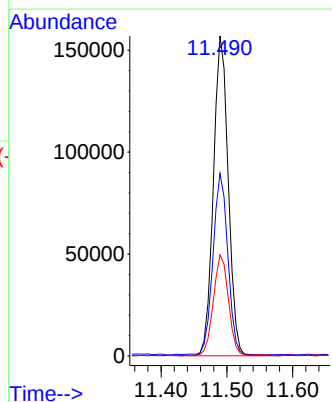
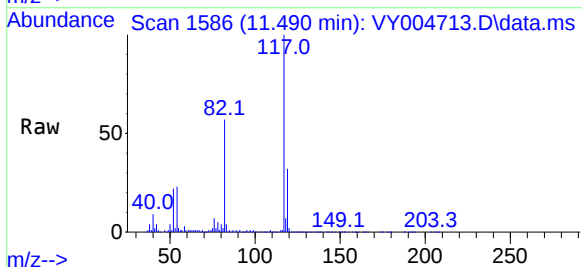


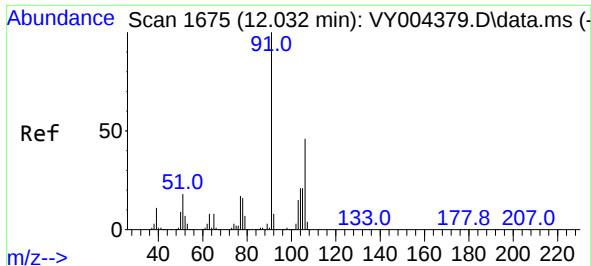
Tgt Ion: 95 Resp: 110837
Ion Ratio Lower Upper
95 100
174 80.1 0.0 162.4
176 80.3 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

Tgt Ion: 117 Resp: 246527
Ion Ratio Lower Upper
117 100
82 56.6 44.9 67.3
119 31.5 25.4 38.0

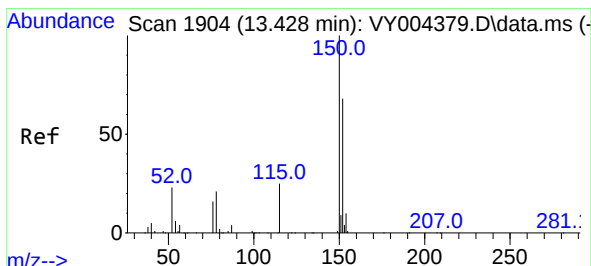
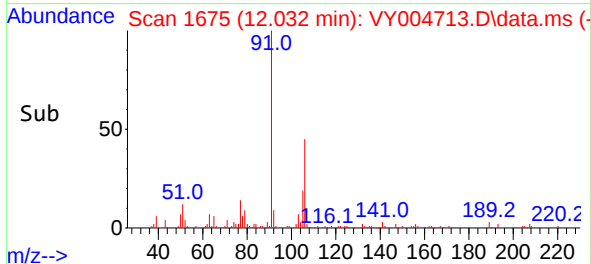
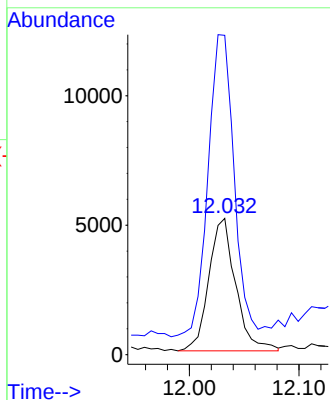
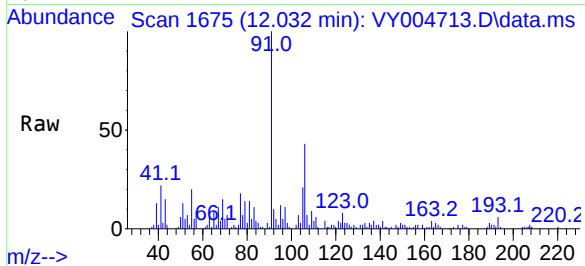




#69
o-Xylene
Concen: 2.66 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

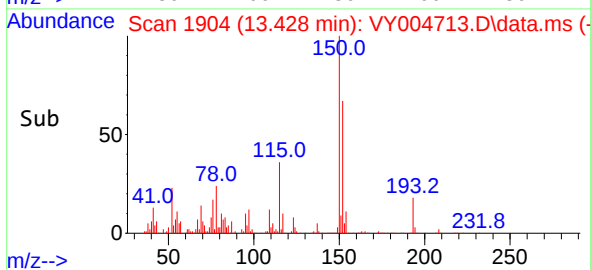
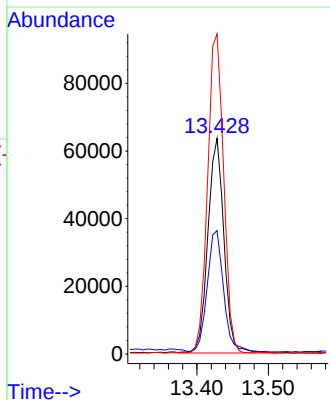
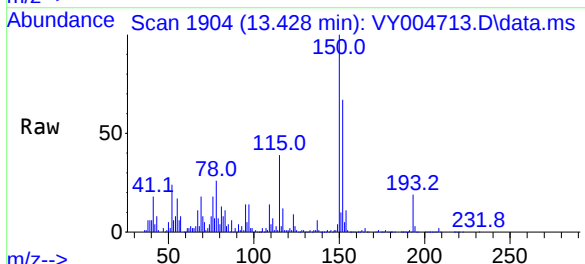
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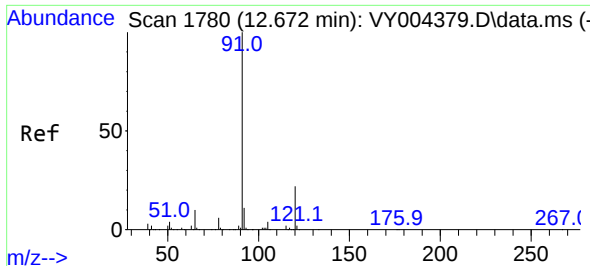
Tgt Ion:106 Resp: 8716
Ion Ratio Lower Upper
106 100
91 223.5 107.4 322.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

Tgt Ion:152 Resp: 99330
Ion Ratio Lower Upper
152 100
115 57.3 29.6 88.8
150 147.9 0.0 348.4

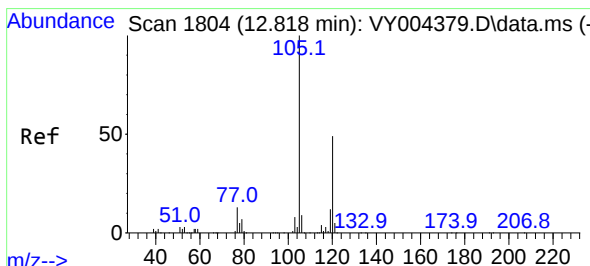
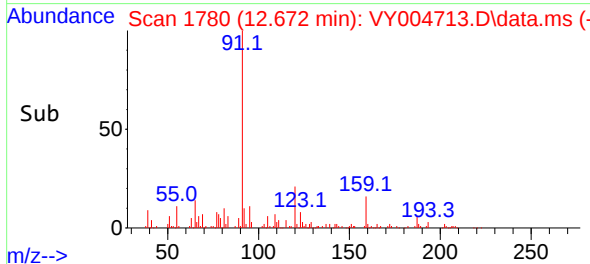
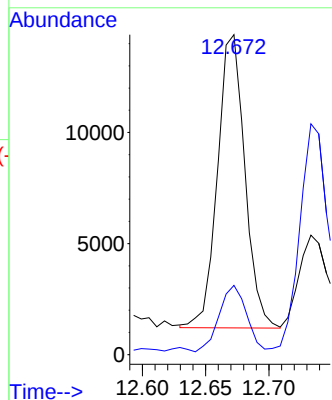
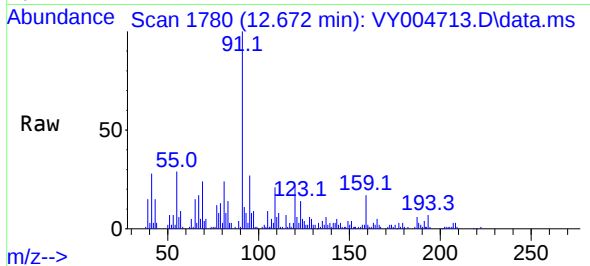




#78
n-propylbenzene
Concen: 2.19 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

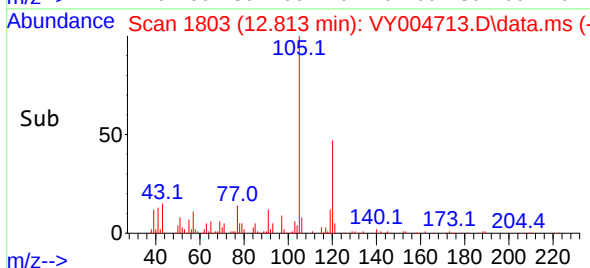
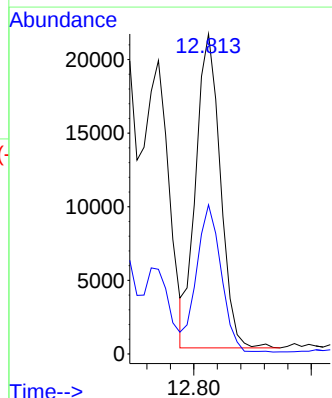
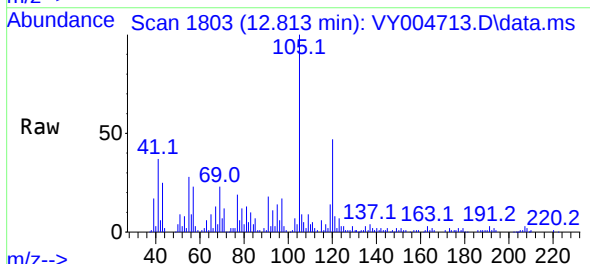
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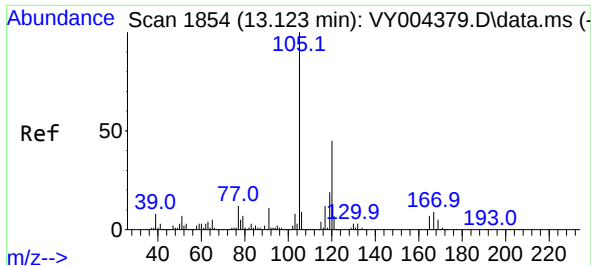
Tgt Ion: 91 Resp: 19839
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 4.96 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

Tgt Ion: 105 Resp: 30926
Ion Ratio Lower Upper
105 100
120 47.0 24.6 74.0

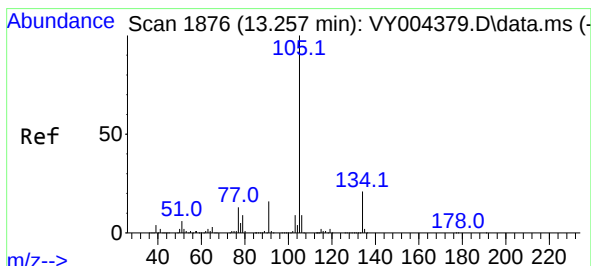
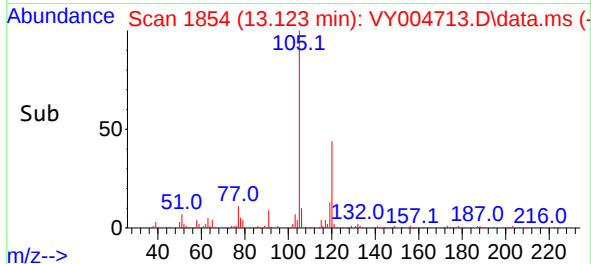
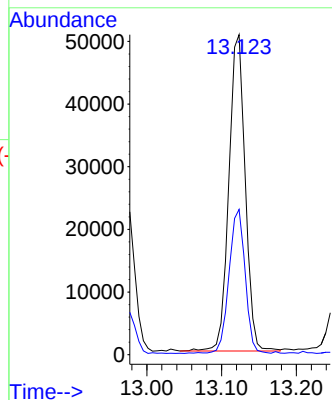
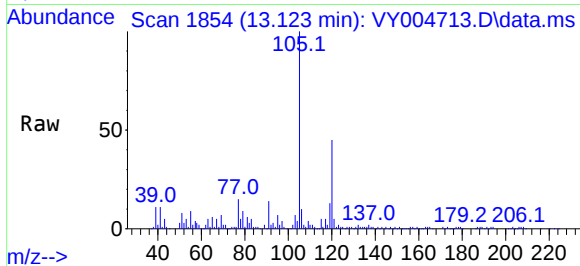




#84
1,2,4-Trimethylbenzene
Concen: 12.19 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

Instrument :
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Tgt Ion:105 Resp: 76767
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3



#85
sec-Butylbenzene
Concen: 1.58 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VY004713.D
Acq: 04 May 2021 14:21

Tgt Ion:105 Resp: 11793
Ion Ratio Lower Upper
105 100
134 24.9 10.1 30.3

