

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005075.D
 Acq On : 10 Jun 2021 13:21
 Operator : SY/MD
 Sample : M2674-01
 Misc : 5.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 11 05:05:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

Instrument :
 MSVOA_Y
 Client Sampled :
 TMR-DS-01-060921

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	161527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	297253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103251	60.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.92%			
35) Dibromofluoromethane	7.728	113	90220	56.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.82%			
50) Toluene-d8	10.185	98	369614	55.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.30%			
62) 4-Bromofluorobenzene	12.483	95	132237	57.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.78%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	81917	199.28	ug/l	97
18) Methyl Acetate	4.491	43	5755	4.37	ug/l	96
25) 2-Butanone	7.003	43	29116	42.12	ug/l	99
29) Tetrahydrofuran	7.356	42	12378	28.16	ug/l	97
40) Benzene	8.167	78	14640	1.76	ug/l	96
52) Toluene	10.246	92	477543	94.81	ug/l	99
59) 2-Hexanone	10.837	43	23606	19.39	ug/l	99
67) Ethyl Benzene	11.593	91	1475682	143.69	ug/l	99
68) m/p-Xylenes	11.703	106	1670228	434.07	ug/l	99
69) o-Xylene	12.032	106	907595	253.29	ug/l	100
73) Isopropylbenzene	12.331	105	163443	21.73	ug/l	99
78) n-propylbenzene	12.672	91	799650	88.18	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	789895	127.27	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	2647242	429.20	ug/l	99
85) sec-Butylbenzene	13.258	105	57583m	7.53	ug/l	
86) p-Isopropyltoluene	13.367	119	371651	56.69	ug/l	96
89) n-Butylbenzene	13.697	91	530897	84.19	ug/l #	75
95) Naphthalene	15.239	128	1251024	320.51	ug/l	98

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

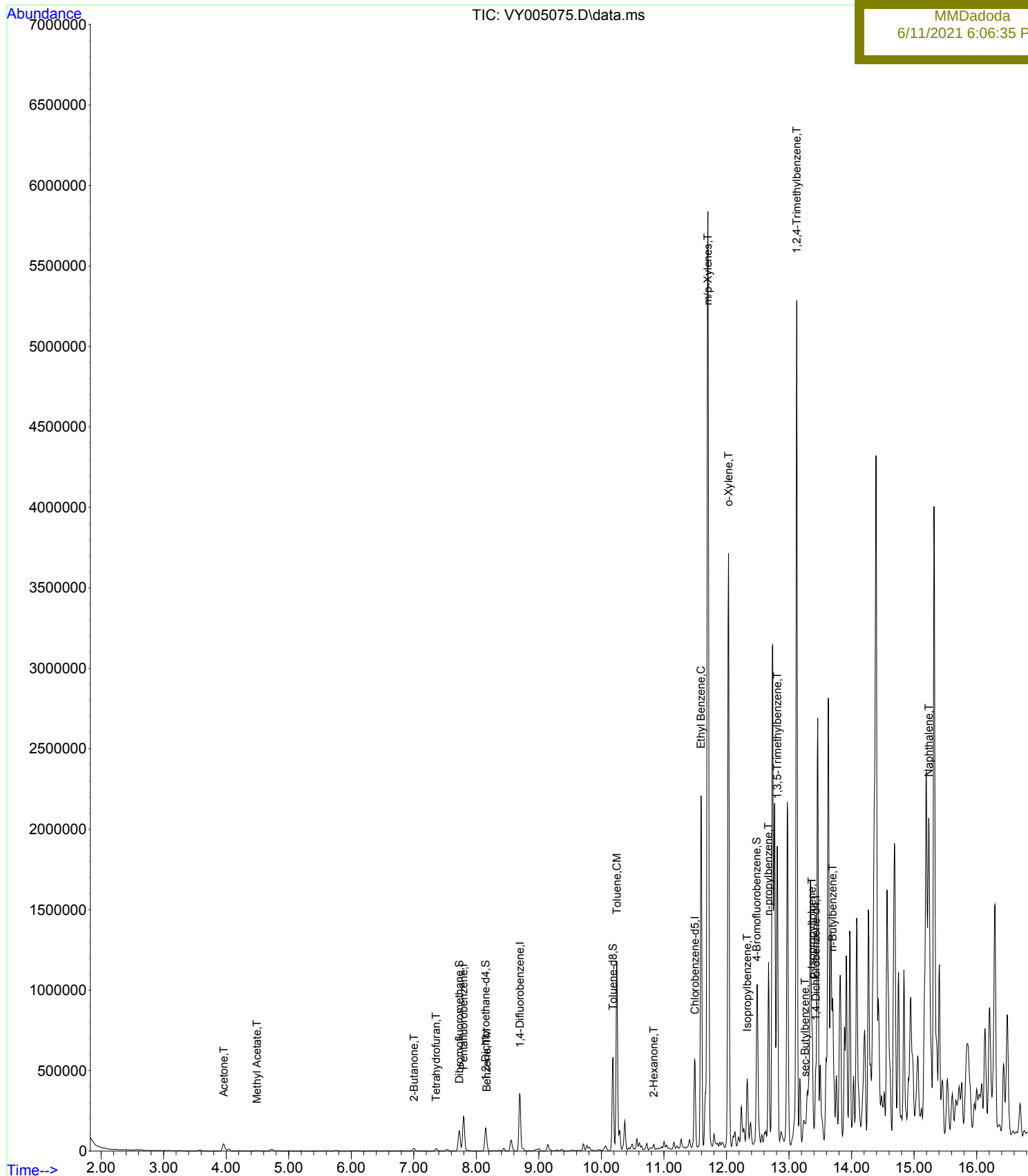
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
Data File : VY005075.D
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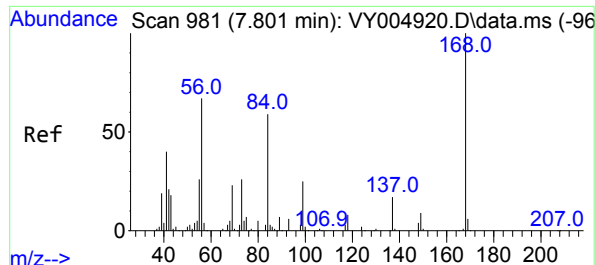
Quant Time: Jun 11 05:05:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
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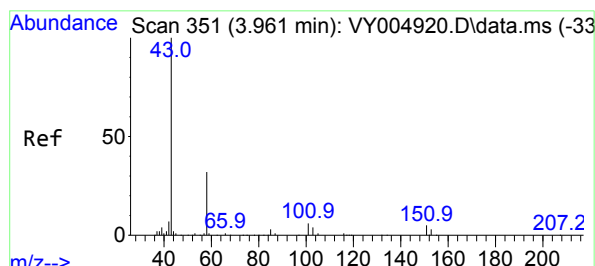
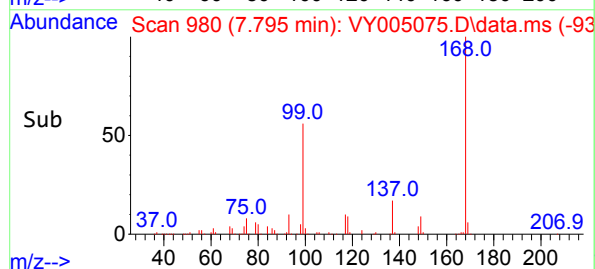
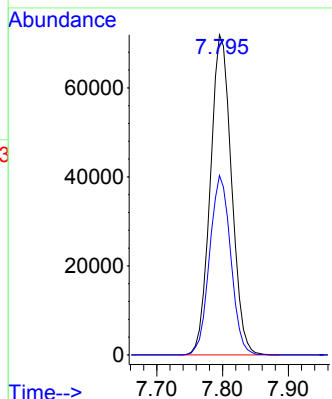
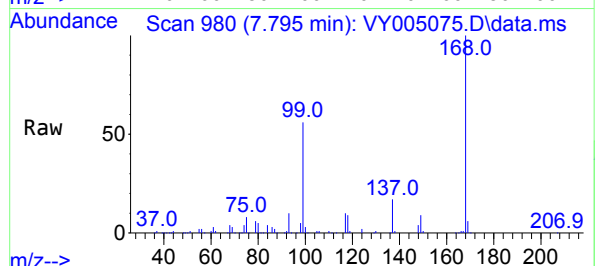




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

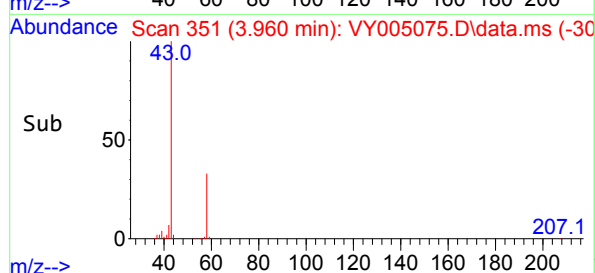
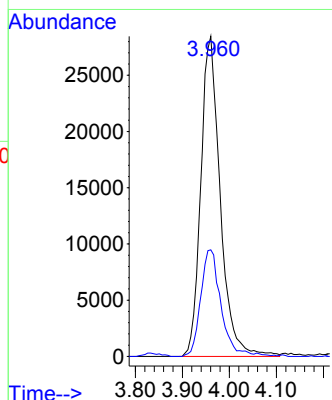
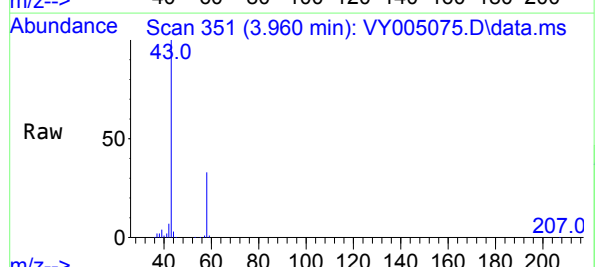
Tgt Ion:168 Resp: 161527
Ion Ratio Lower Upper
168 100
99 56.0 43.9 65.9

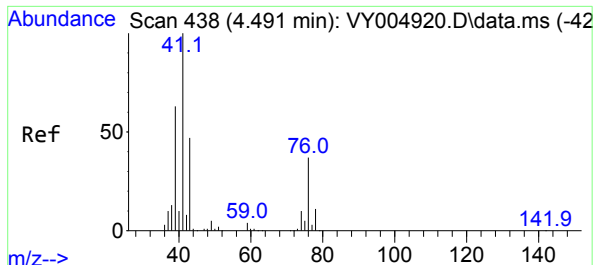
Instrument :
MSVOA_Y
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TMR-DS-01-060921



#16
Acetone
Concen: 199.28 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

Tgt Ion: 43 Resp: 81917
Ion Ratio Lower Upper
43 100
58 33.3 25.3 37.9

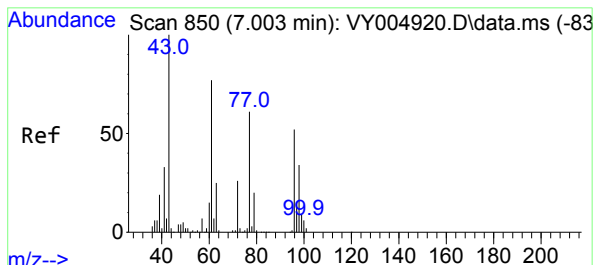
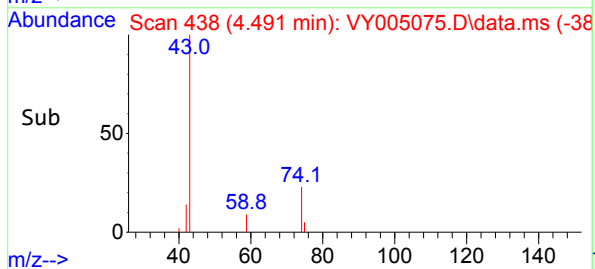
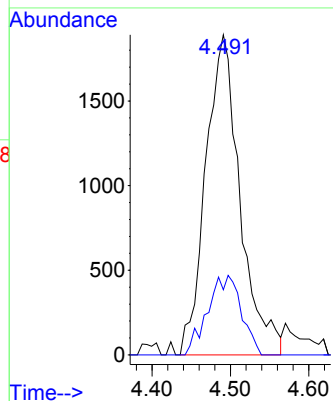
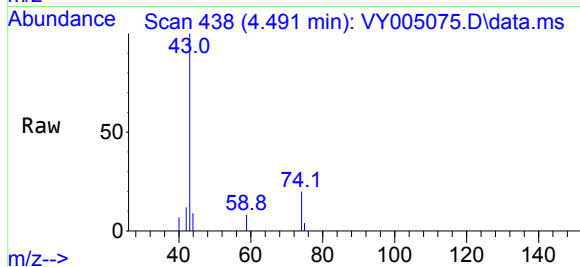




#18
Methyl Acetate
Concen: 4.37 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

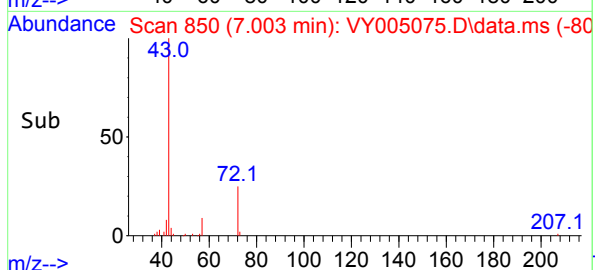
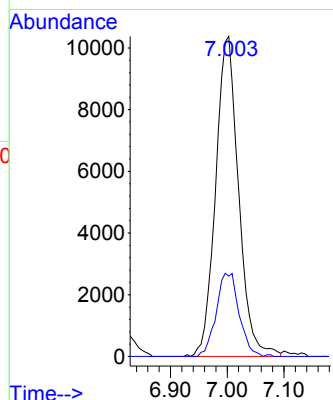
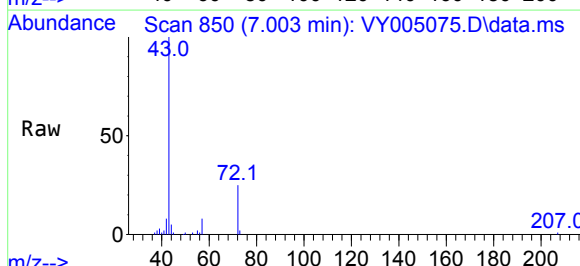
Tgt Ion: 43 Resp: 5755
Ion Ratio Lower Upper
43 100
74 24.3 18.0 27.0

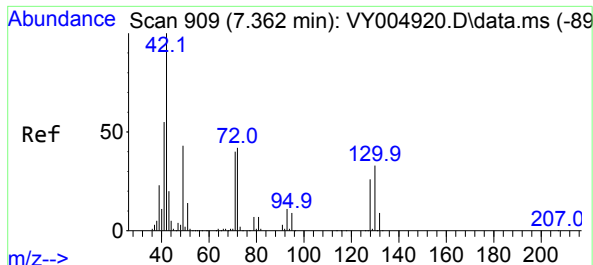
Instrument :
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ClientSampleId :
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#25
2-Butanone
Concen: 42.12 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

Tgt Ion: 43 Resp: 29116
Ion Ratio Lower Upper
43 100
72 25.1 20.6 31.0





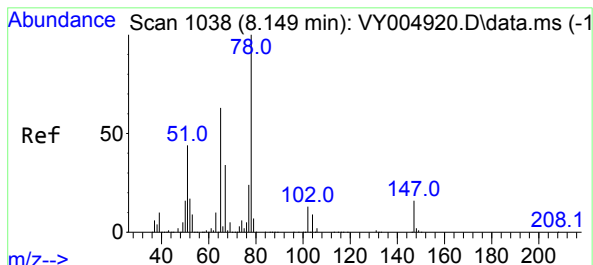
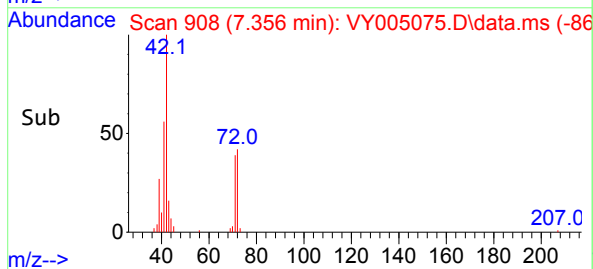
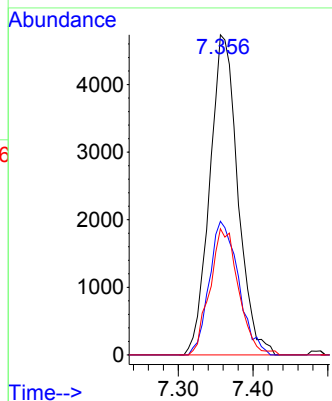
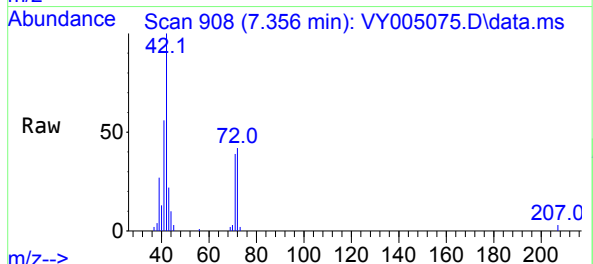
#29
Tetrahydrofuran
Concen: 28.16 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

Tgt Ion:	42	Resp:	12378
Ion Ratio	Lower	Upper	
42	100		
72	43.5	32.6	49.0
71	40.2	30.9	46.3

Instrument :
MSVOA_Y
ClientSampleId :
TMR-DS-01-060921

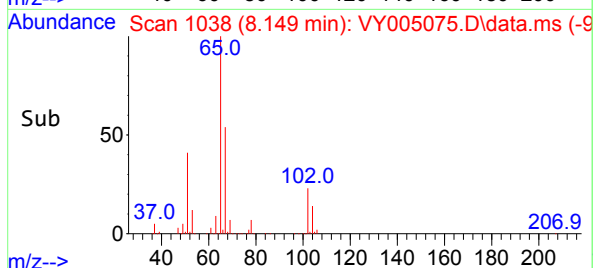
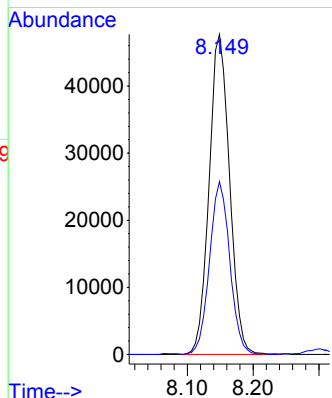
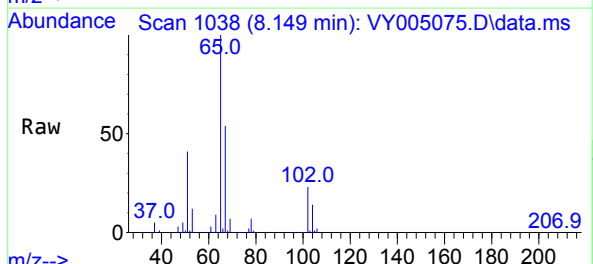
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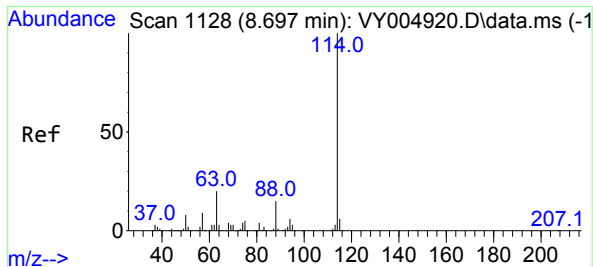
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#33
1,2-Dichloroethane-d4
Concen: 60.46 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005075.D
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Tgt Ion:	65	Resp:	103251
Ion Ratio	Lower	Upper	
65	100		
67	53.5	0.0	110.6





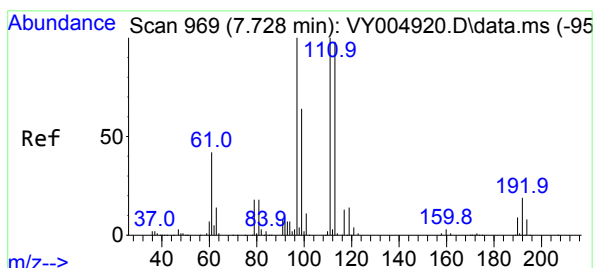
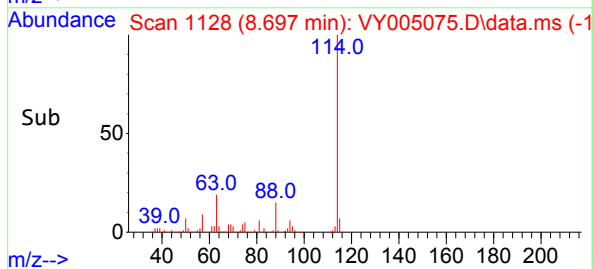
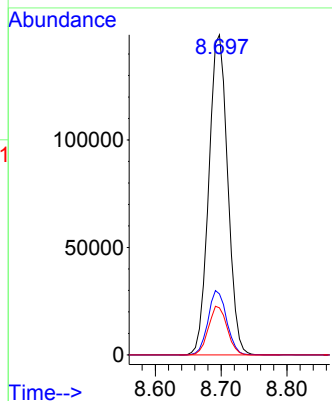
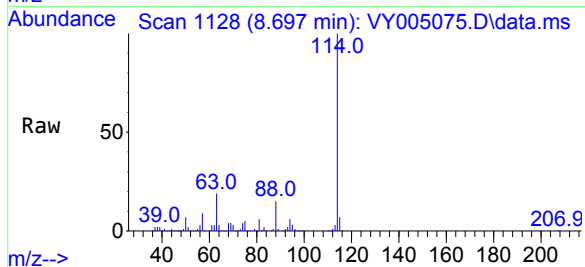
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

Tgt Ion:	114	Resp:	297253
Ion Ratio	Lower	Upper	
114	100		
63	19.1	0.0	41.0
88	14.7	0.0	30.6

Instrument :
MSVOA_Y
ClientSampled :
TMR-DS-01-060921

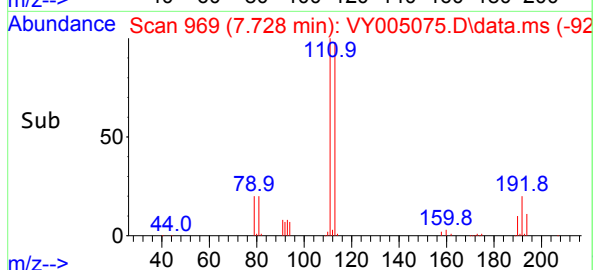
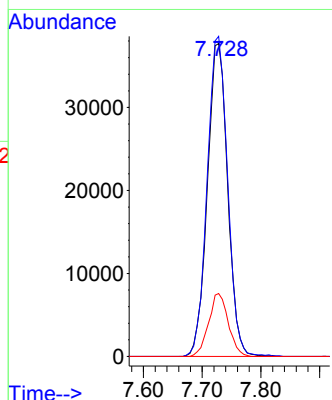
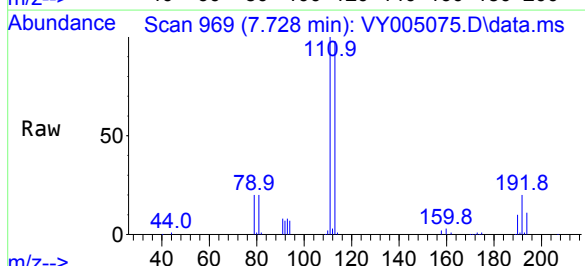
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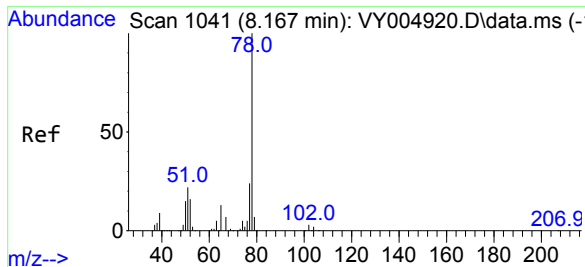
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#35
Dibromofluoromethane
Concen: 56.41 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

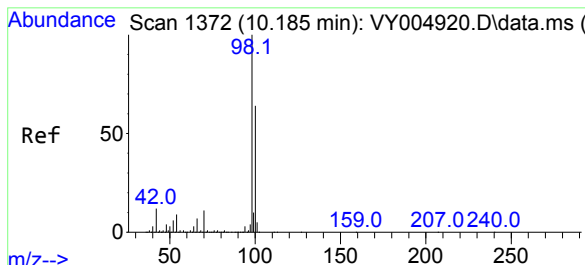
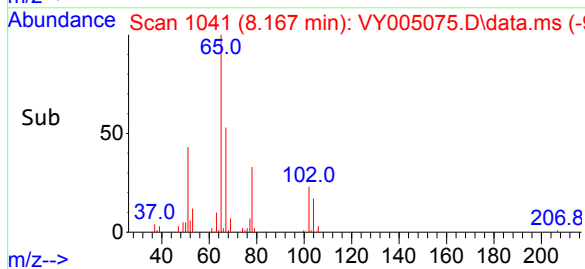
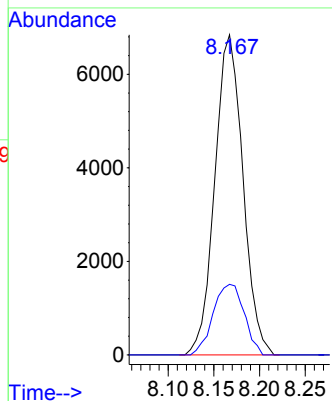
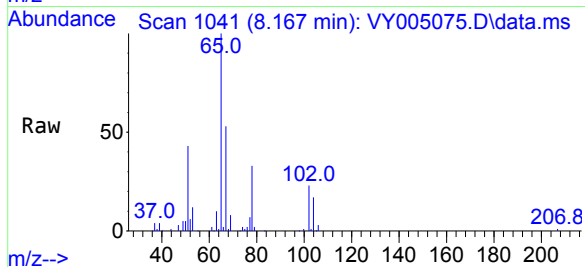
Tgt Ion:	113	Resp:	90220
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.8	122.8
192	19.6	15.3	22.9





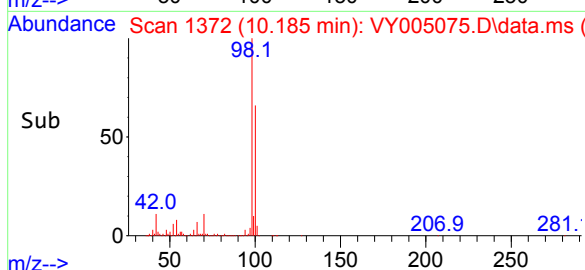
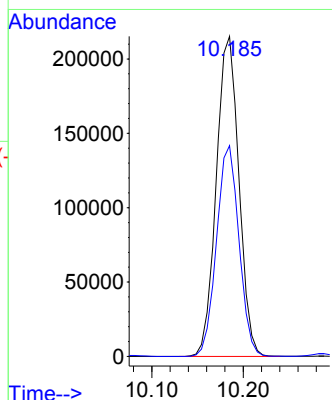
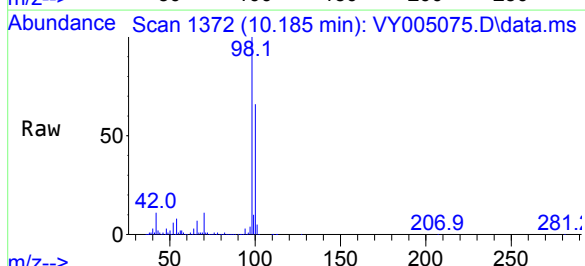
#40
Benzene
Concen: 1.76 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

Tgt Ion: 78 Resp: 14640
Ion Ratio Lower Upper
78 100
77 22.1 19.4 29.2



#50
Toluene-d8
Concen: 55.65 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

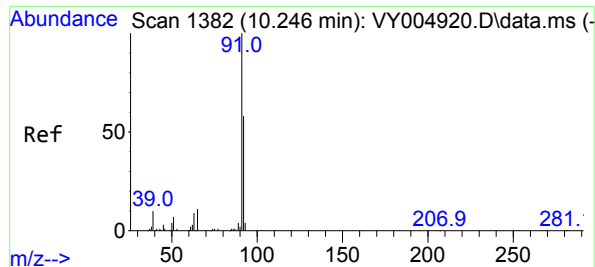
Tgt Ion: 98 Resp: 369614
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



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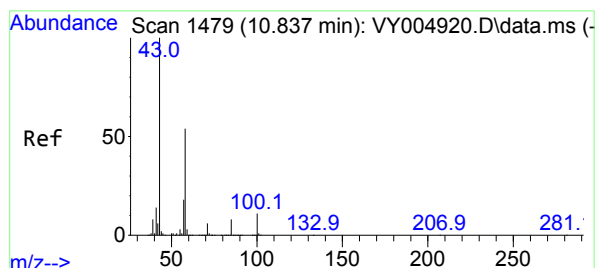
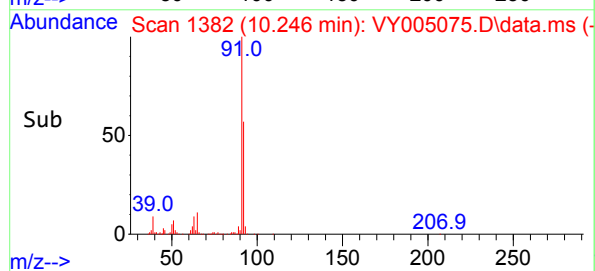
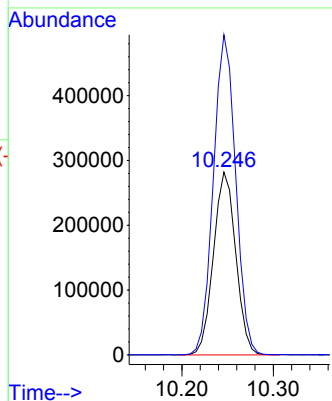
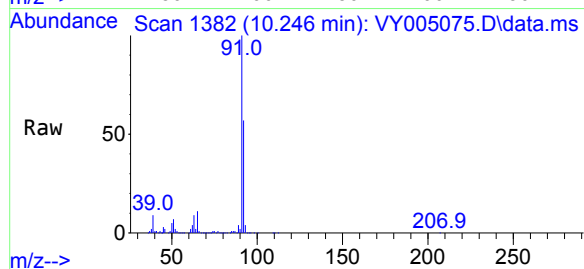
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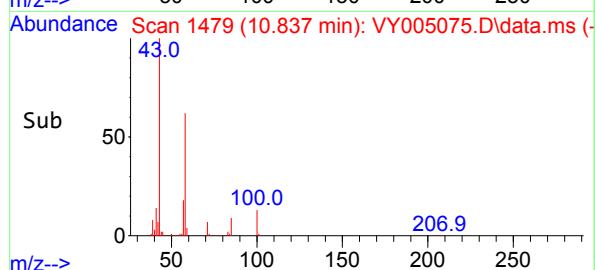
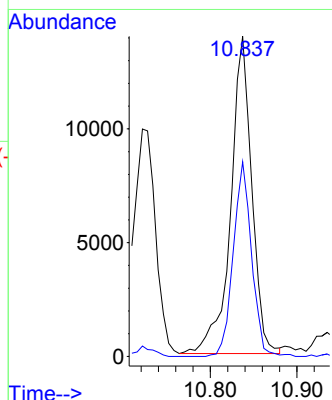
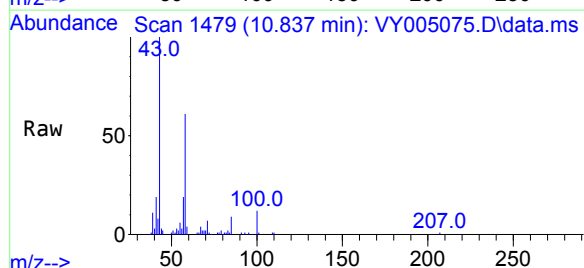
#52
Toluene
Concen: 94.81 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

Tgt Ion: 92 Resp: 477543
Ion Ratio Lower Upper
92 100
91 175.2 139.3 208.9



#59
2-Hexanone
Concen: 19.39 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

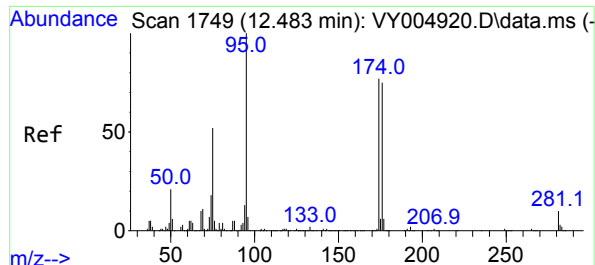
Tgt Ion: 43 Resp: 23606
Ion Ratio Lower Upper
43 100
58 53.3 27.0 80.8



Instrument :
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#62
4-Bromofluorobenzene
Concen: 57.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

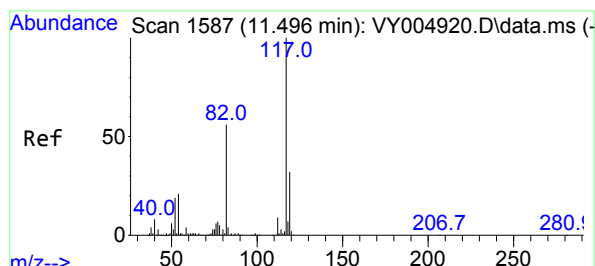
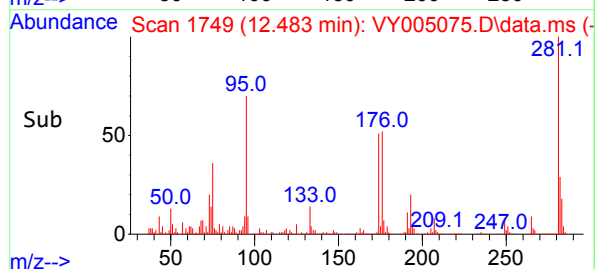
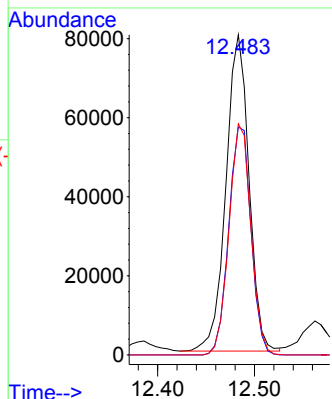
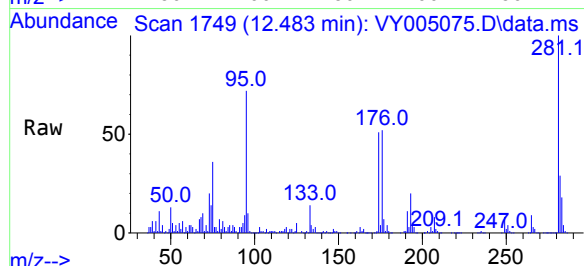
Tgt Ion: 95 Resp: 132237

Ion	Ratio	Lower	Upper
95	100		
174	69.7	0.0	160.8
176	69.3	0.0	155.6

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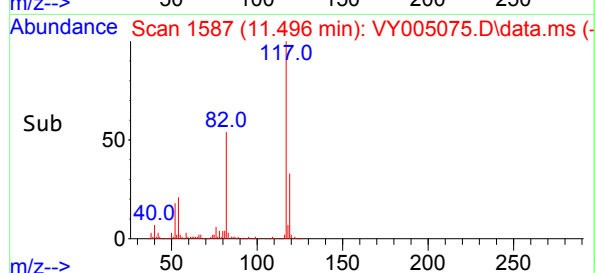
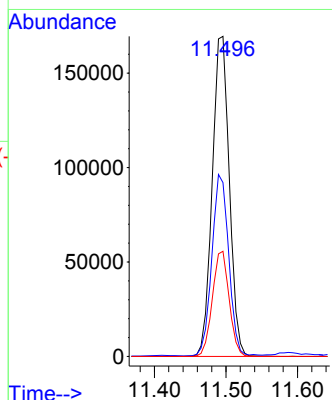
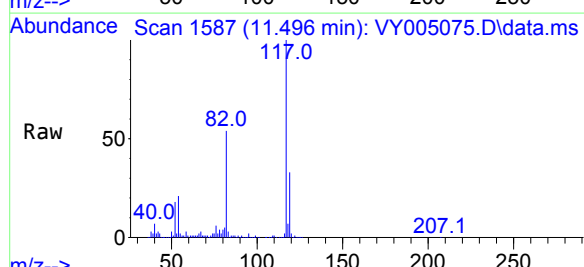
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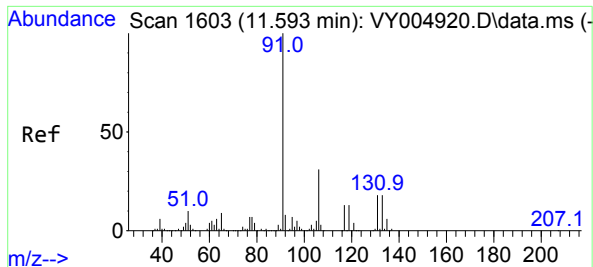


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

Tgt Ion: 117 Resp: 280472

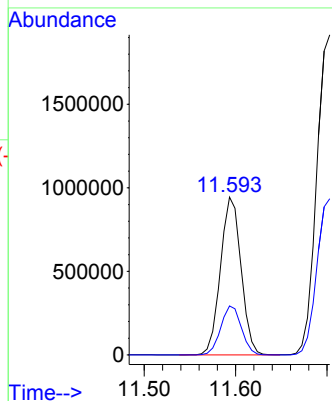
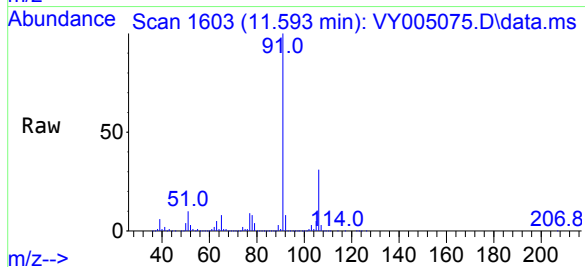
Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.8	67.2
119	32.9	25.2	37.8





#67
Ethyl Benzene
Concen: 143.69 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

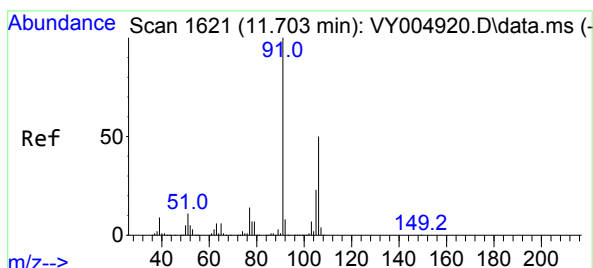
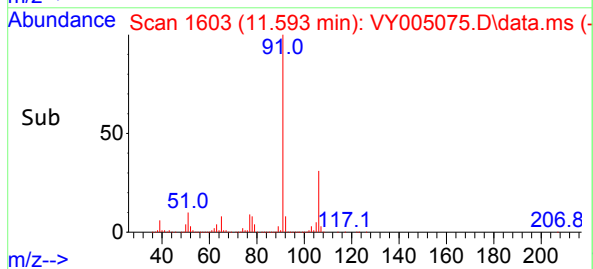
Tgt Ion: 91 Resp: 1475682
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



Instrument :
MSVOA_Y
ClientSampleId :
TMR-DS-01-060921

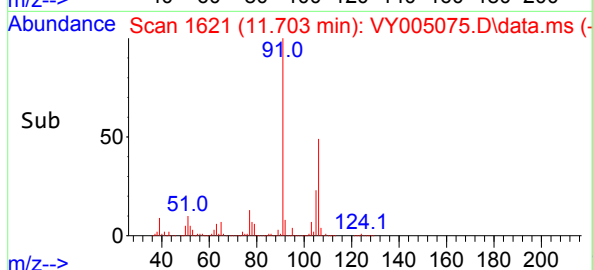
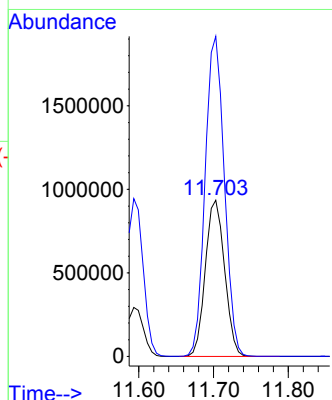
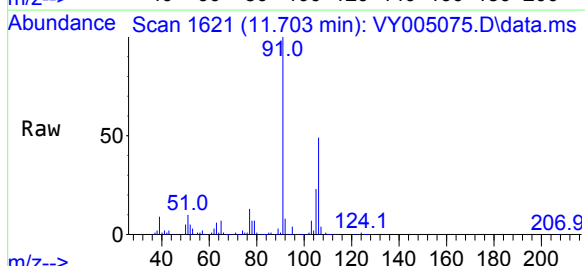
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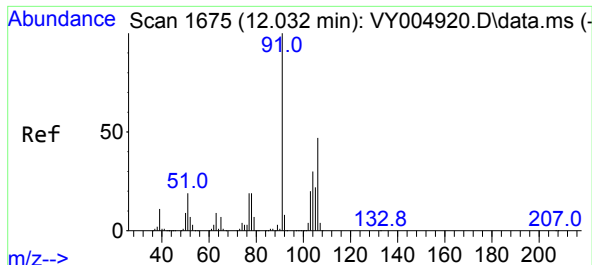
MMDadoda
6/11/2021 6:06:35 PM



#68
m/p-Xylenes
Concen: 434.07 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

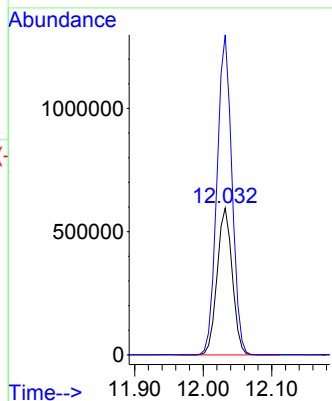
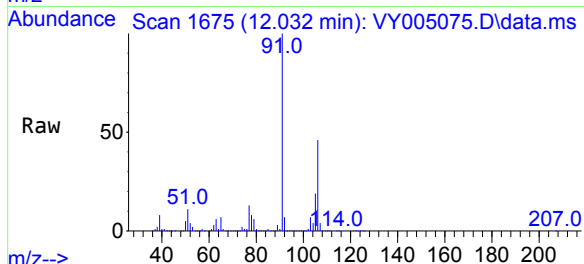
Tgt Ion:106 Resp: 1670228
Ion Ratio Lower Upper
106 100
91 204.0 161.9 242.9





#69
o-Xylene
Concen: 253.29 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

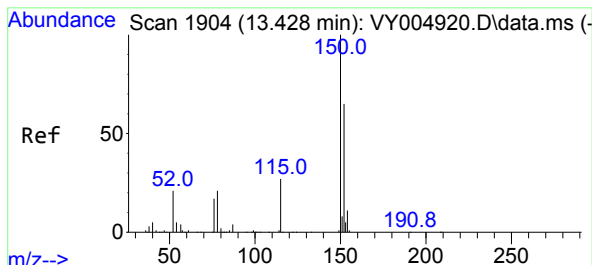
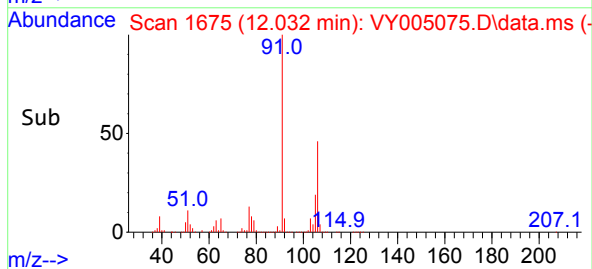
Tgt Ion:106 Resp: 907595
Ion Ratio Lower Upper
106 100
91 216.1 108.0 324.0



Instrument :
MSVOA_Y
ClientSampleId :
TMR-DS-01-060921

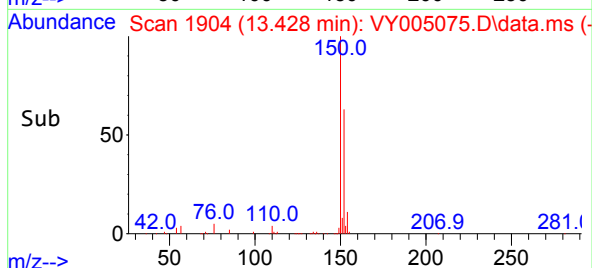
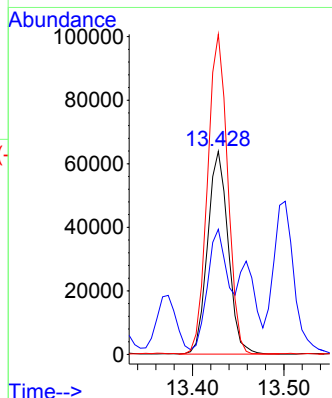
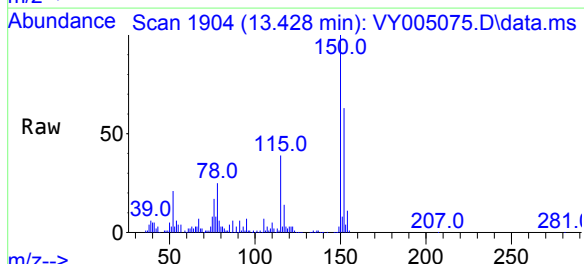
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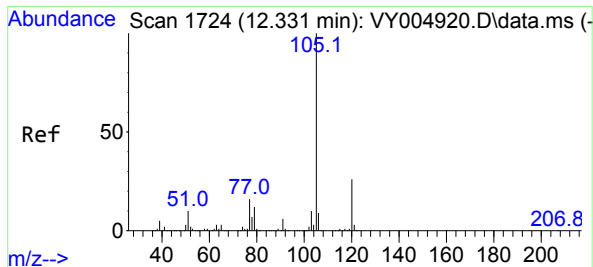
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

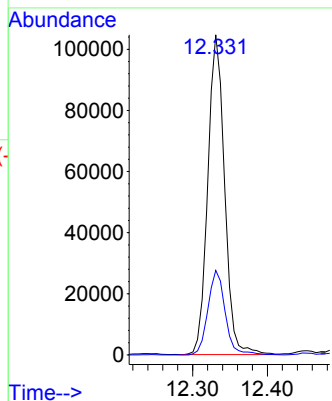
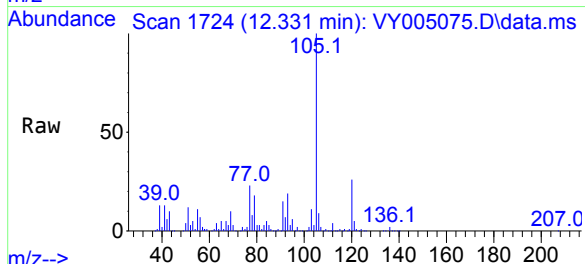
Tgt Ion:152 Resp: 99590
Ion Ratio Lower Upper
152 100
115 61.1 29.9 89.7
150 153.7 0.0 347.8





#73
Isopropylbenzene
Concen: 21.73 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

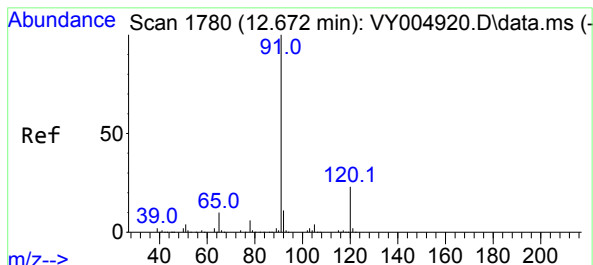
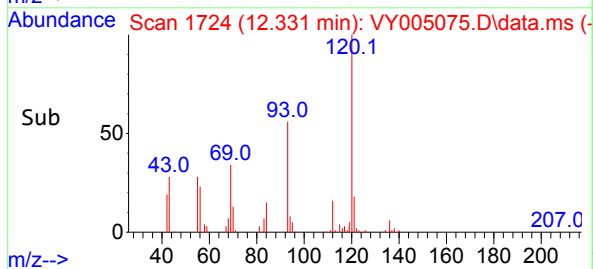
Tgt Ion:105 Resp: 163443
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9



Instrument :
MSVOA_Y
ClientSampleId :
TMR-DS-01-060921

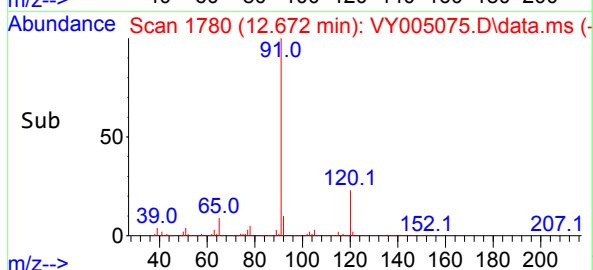
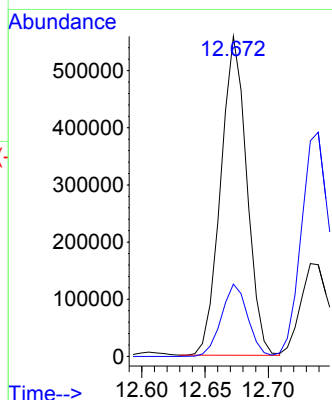
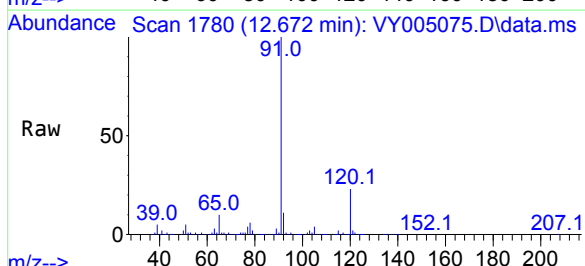
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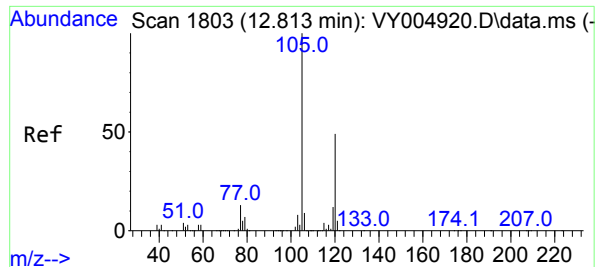
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#78
n-propylbenzene
Concen: 88.18 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

Tgt Ion: 91 Resp: 799650
Ion Ratio Lower Upper
91 100
120 22.9 11.2 33.6

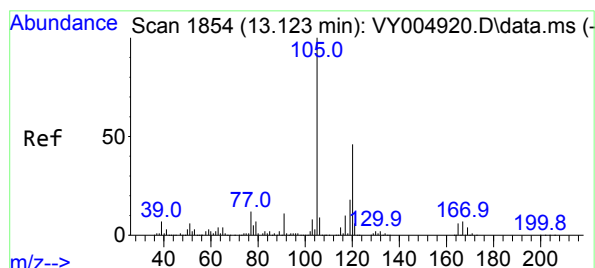
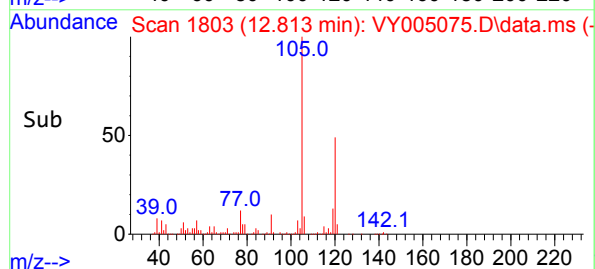
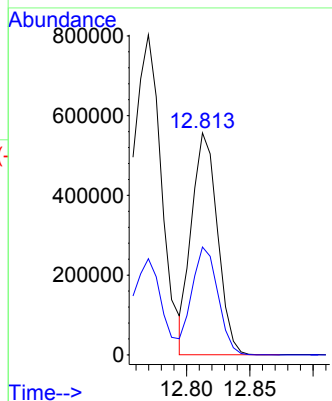
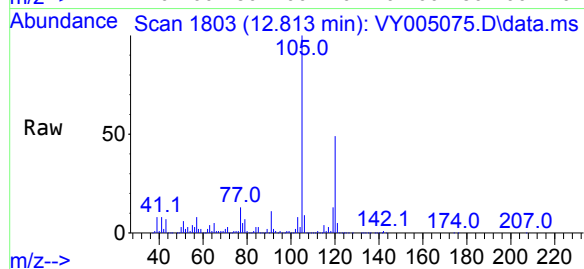




#80
1,3,5-Trimethylbenzene
Concen: 127.27 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

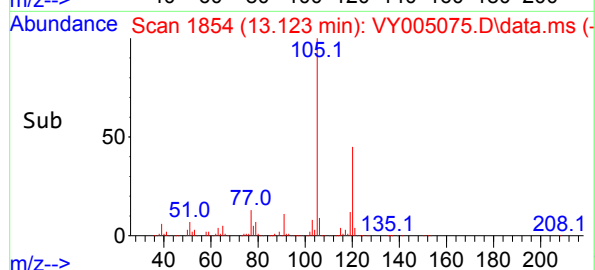
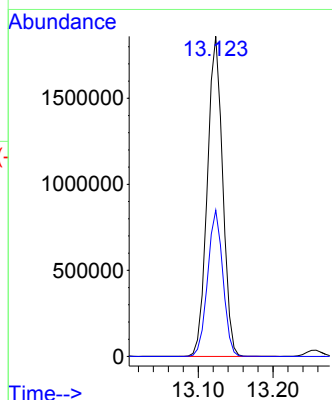
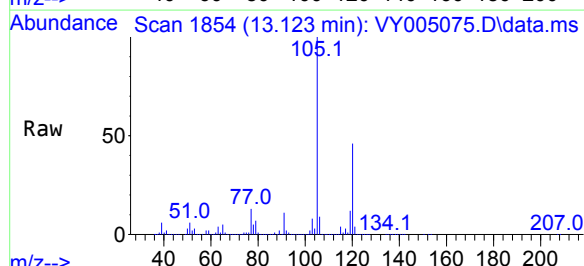
Tgt Ion:105 Resp: 789895
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5

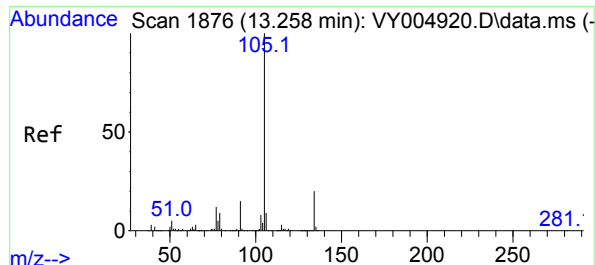
Instrument :
MSVOA_Y
ClientSampleId :
TMR-DS-01-060921



#84
1,2,4-Trimethylbenzene
Concen: 429.20 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

Tgt Ion:105 Resp: 2647242
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7

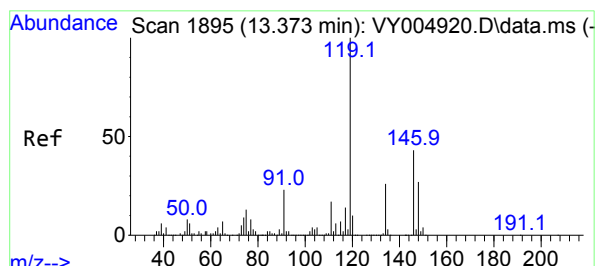
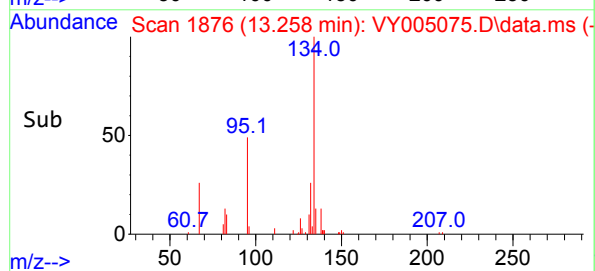
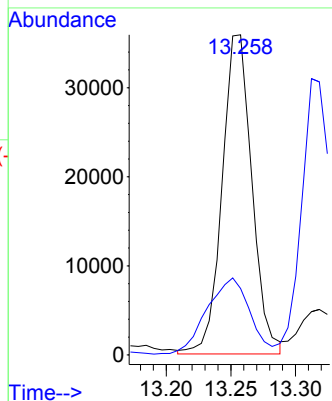
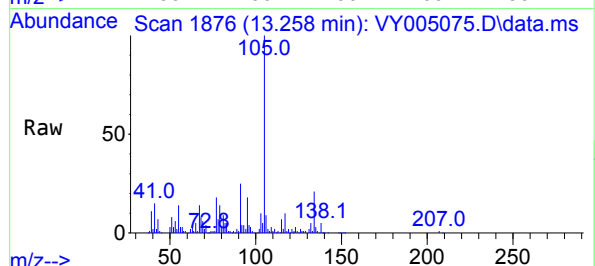




#85
 sec-Butylbenzene
 Concen: 7.53 ug/l m
 RT: 13.258 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY005075.D
 Acq: 10 Jun 2021 13:21

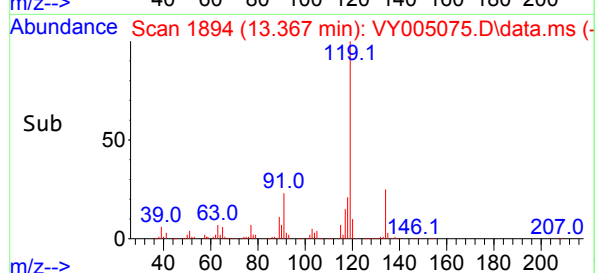
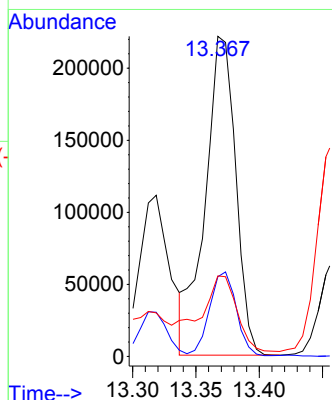
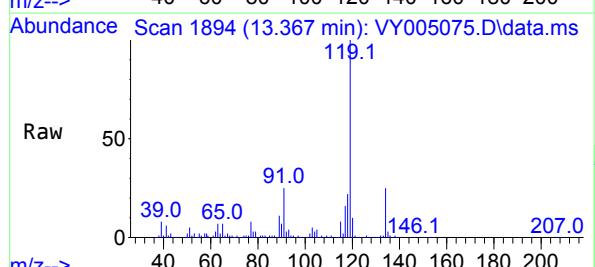
Tgt Ion:105 Resp: 57583
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7#

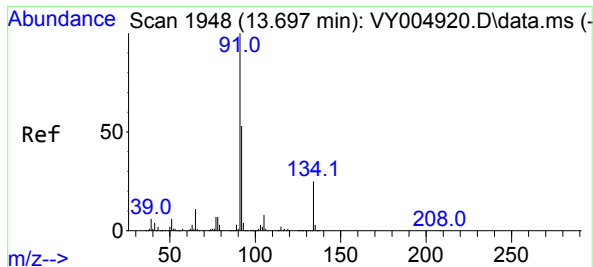
Instrument :
 MSVOA_Y
 ClientSampleId :
 TMR-DS-01-060921



#86
 p-Isopropyltoluene
 Concen: 56.69 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY005075.D
 Acq: 10 Jun 2021 13:21

Tgt Ion:119 Resp: 371651
 Ion Ratio Lower Upper
 119 100
 134 23.0 12.9 38.7
 91 22.8 11.9 35.5





#89
n-Butylbenzene
Concen: 84.19 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

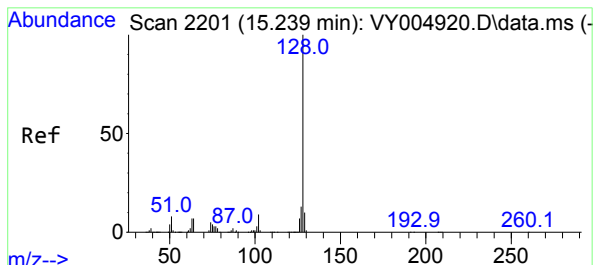
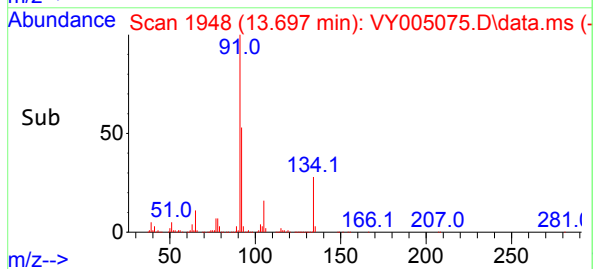
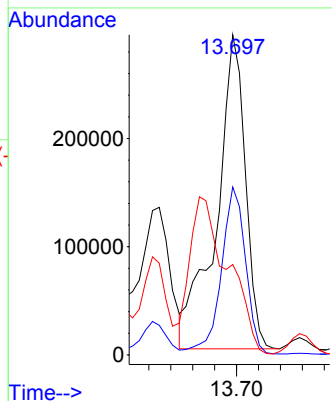
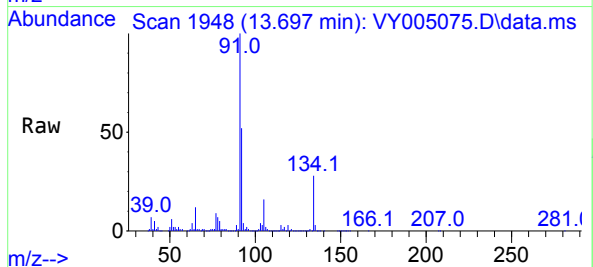
Tgt Ion: 91 Resp: 530897

Ion	Ratio	Lower	Upper
91	100		
92	44.4	26.8	80.3
134	0.0	13.0	38.9#

Instrument :
MSVOA_Y
ClientSampleId :
TMR-DS-01-060921

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#95
Naphthalene
Concen: 320.51 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005075.D
Acq: 10 Jun 2021 13:21

Tgt Ion:128 Resp: 1251024

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.7	8.7	13.1

