

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004015.D
 Acq On : 11 Feb 2021 20:40
 Operator : SY/MD
 Sample : M1398-03
 Misc : 4.19g/5mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCP-SS-3-SOIL

Manual Integrations
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Quant Time: Feb 12 16:09:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	205560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187998	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.404	152	184083	50.00	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128065	56.66	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.32%			
35) Dibromofluoromethane	7.728	113	86440	44.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.44%			
50) Toluene-d8	10.185	98	1298072	169.22	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 338.44%#			
62) 4-Bromofluorobenzene	12.483	95	786985	281.45	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 562.90%#			
Target Compounds						Qvalue
16) Acetone	3.954	43	60306	108.69	ug/l	99
17) Carbon Disulfide	4.204	76	58786	9.64	ug/l #	93
20) Methylene Chloride	4.729	84	9072	3.85	ug/l	96
25) 2-Butanone	6.996	43	24236	30.66	ug/l	97
31) Cyclohexane	7.789	56	158743	41.82	ug/l	99
39) Methylcyclohexane	9.191	83	3141730	779.56	ug/l	99
40) Benzene	8.167	78	9983	1.07	ug/l	96
67) Ethyl Benzene	11.599	91	3810297	533.29	ug/l	94
68) m/p-Xylenes	11.709	106	3246807	1226.21	ug/l	89
69) o-Xylene	12.032	106	425246	172.63	ug/l	94
73) Isopropylbenzene	12.337	105	8760993	664.93	ug/l	95
78) n-propylbenzene	12.672	91	17757575	1132.70	ug/l #	73
80) 1,3,5-Trimethylbenzene	12.825	105	8331777	736.88	ug/l	84
84) 1,2,4-Trimethylbenzene	13.117	105	20190484m	1781.44	ug/l	
85) sec-Butylbenzene	13.258	105	10865097	834.03	ug/l	79
86) p-Isopropyltoluene	13.373	119	2832833	233.10	ug/l	98
89) n-Butylbenzene	13.696	91	6696569	593.53	ug/l #	77
95) Naphthalene	15.233	128	325118	45.64	ug/l	99

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

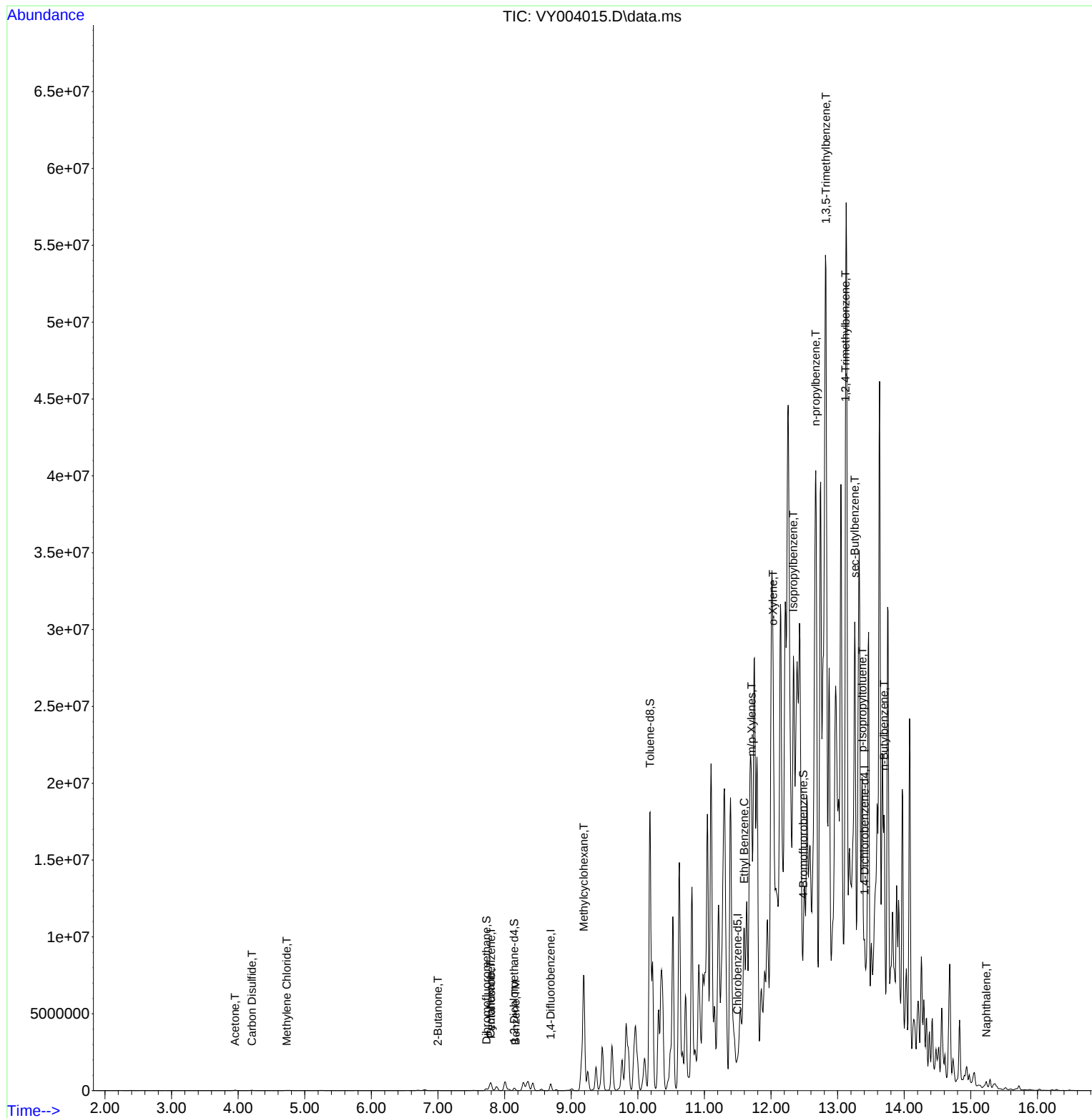
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
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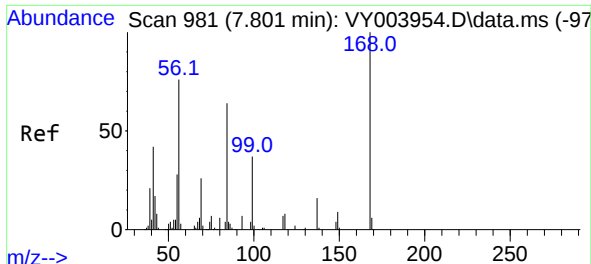
Instrument :
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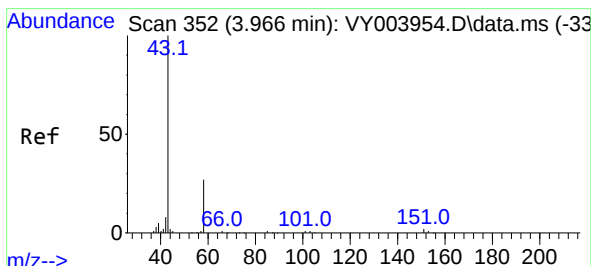
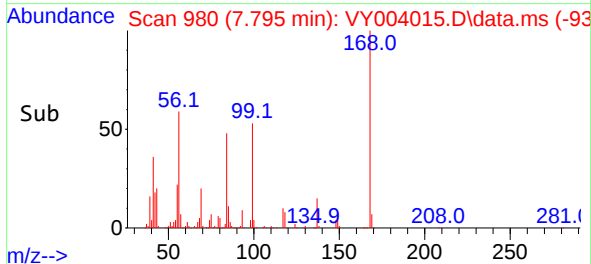
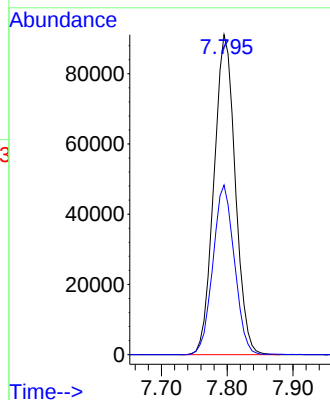
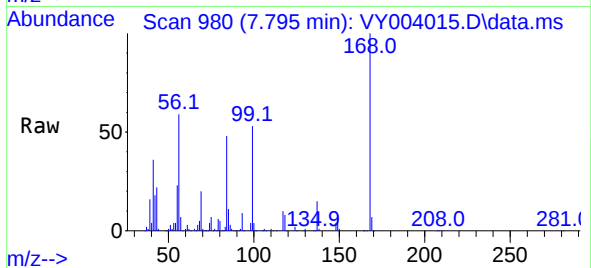
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion:168 Resp: 205560
Ion Ratio Lower Upper
168 100
99 53.0 46.1 69.1

Instrument :
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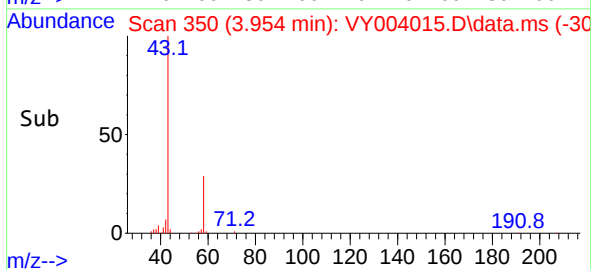
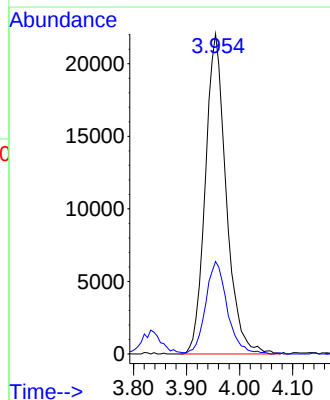
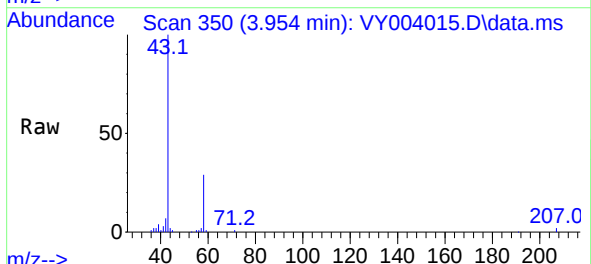
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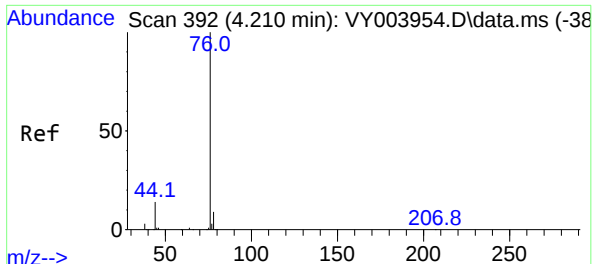
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#16
Acetone
Concen: 108.69 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 43 Resp: 60306
Ion Ratio Lower Upper
43 100
58 28.6 23.4 35.0





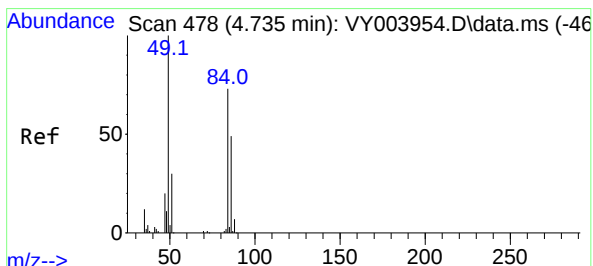
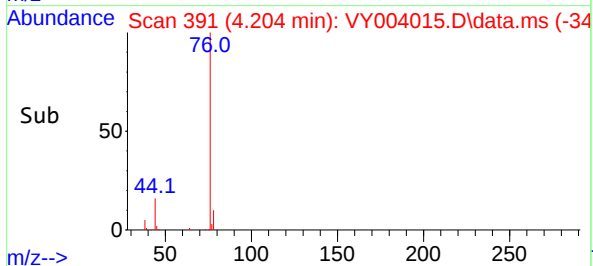
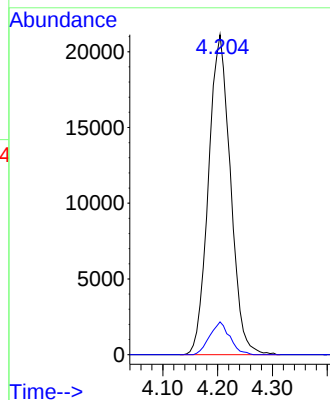
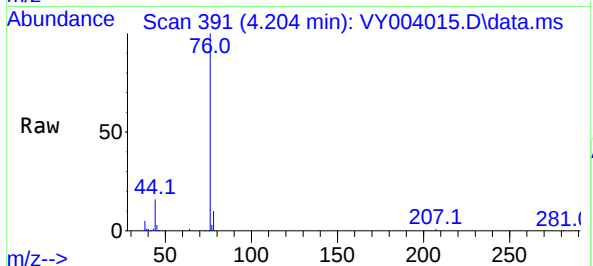
#17
Carbon Disulfide
Concen: 9.64 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 76 Resp: 58786
Ion Ratio Lower Upper
76 100
78 10.3 6.3 9.5#

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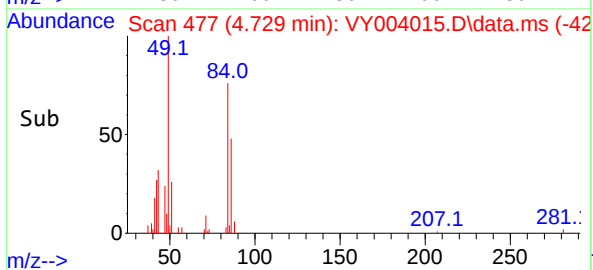
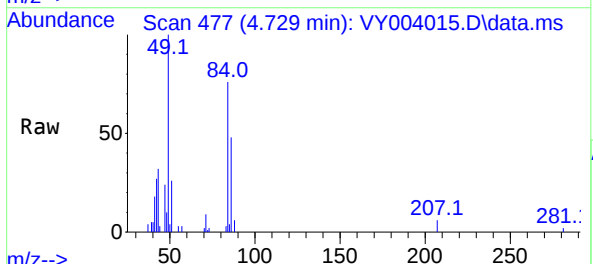
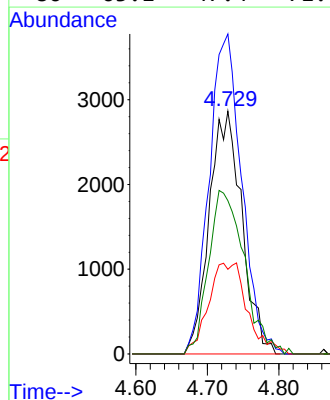
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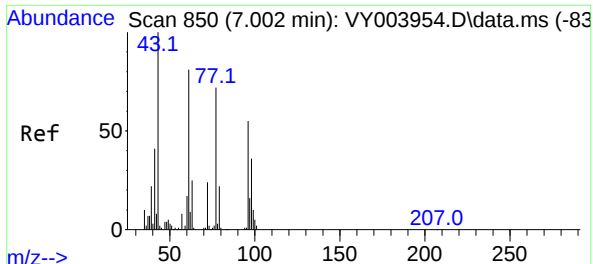
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#20
Methylene Chloride
Concen: 3.85 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 84 Resp: 9072
Ion Ratio Lower Upper
84 100
49 131.8 107.0 160.4
51 34.9 31.9 47.9
86 63.1 47.4 71.0





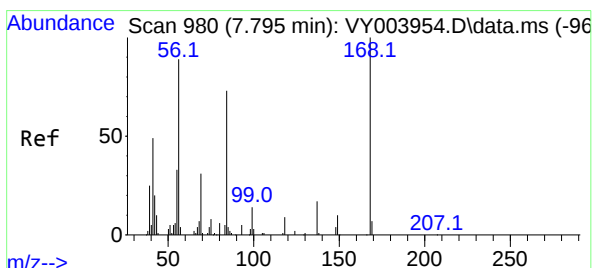
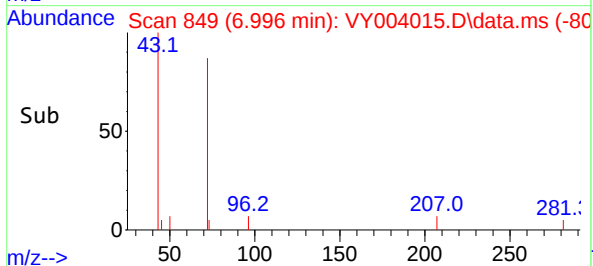
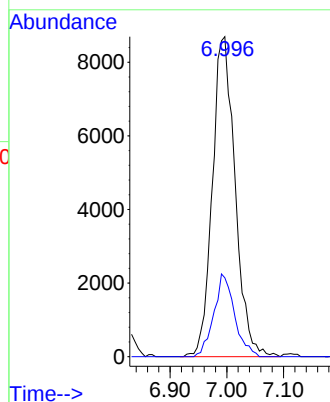
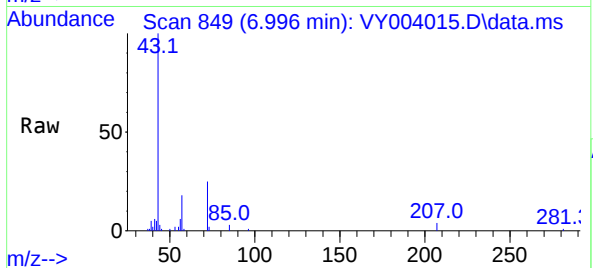
#25
2-Butanone
Concen: 30.66 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 43 Resp: 24236
Ion Ratio Lower Upper
43 100
72 24.6 18.5 27.7

Instrument :
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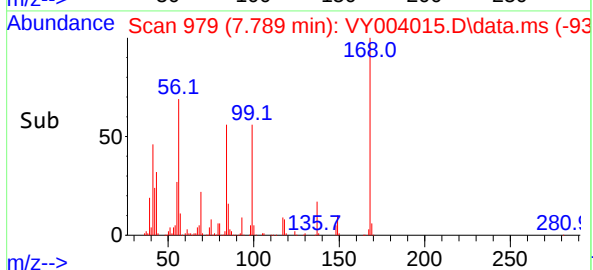
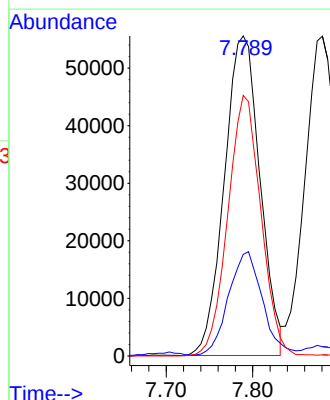
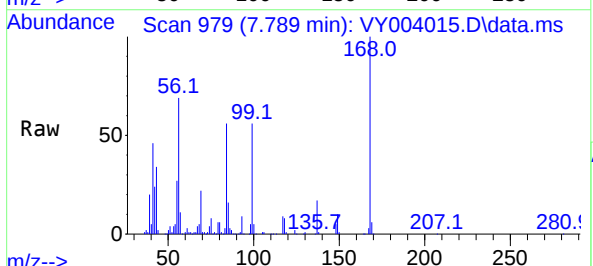
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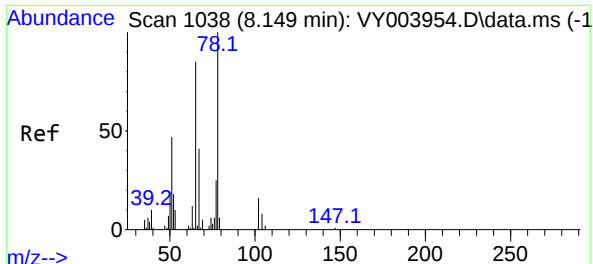
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#31
Cyclohexane
Concen: 41.82 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 56 Resp: 158743
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.4
84 81.6 64.5 96.7





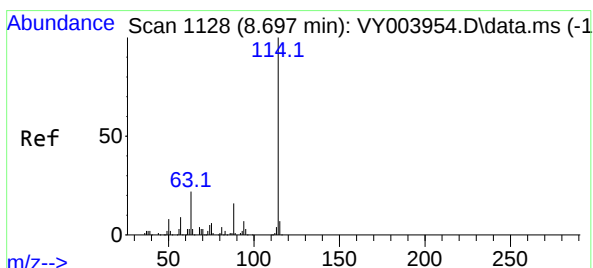
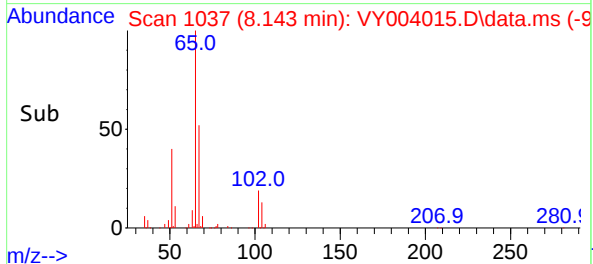
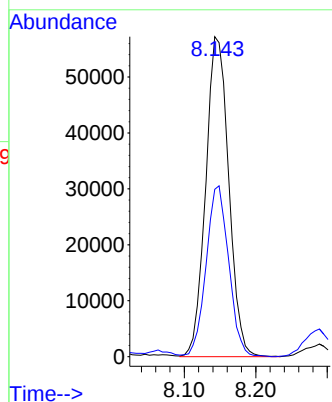
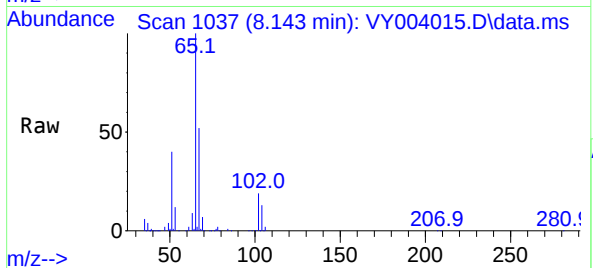
#33
1,2-Dichloroethane-d4
Concen: 56.66 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 65 Resp: 128065
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8

Instrument :
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ClientSampleId :
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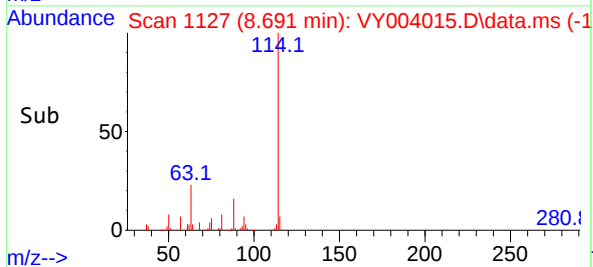
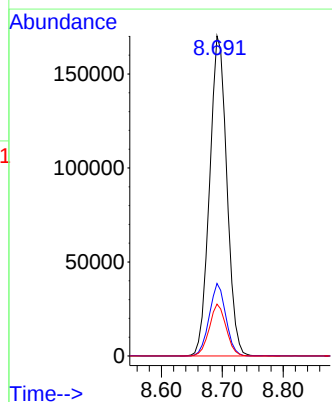
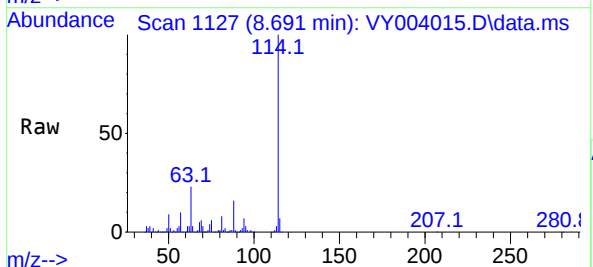
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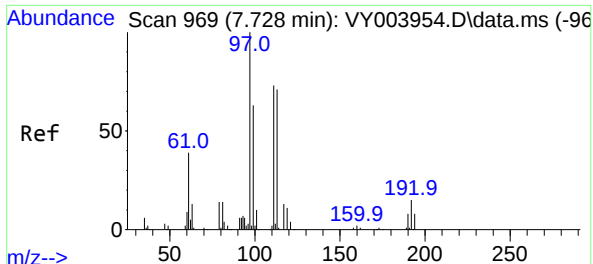
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 114 Resp: 334307
Ion Ratio Lower Upper
114 100
63 22.6 0.0 47.2
88 16.2 0.0 30.2





#35
Dibromofluoromethane
Concen: 44.22 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

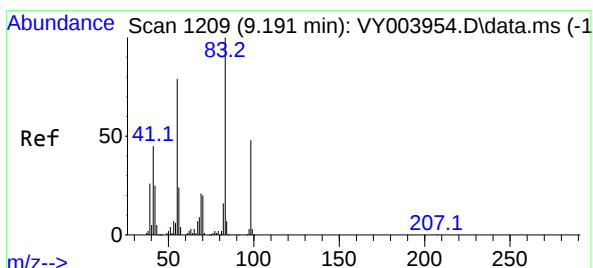
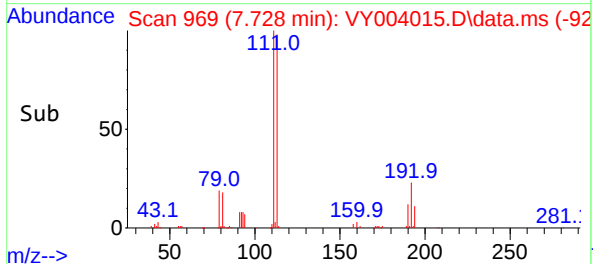
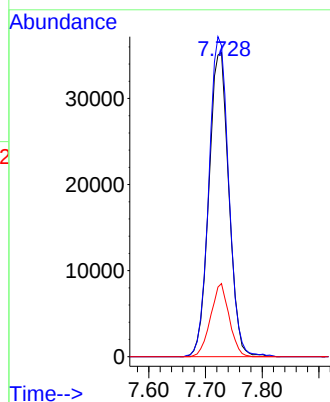
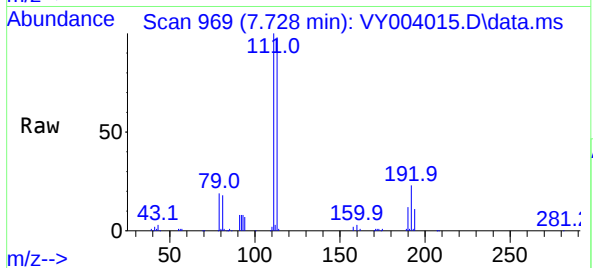
Tgt Ion: 113 Resp: 86440

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.4
192	22.3	18.3	27.5

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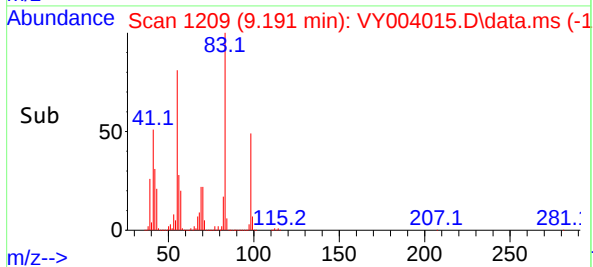
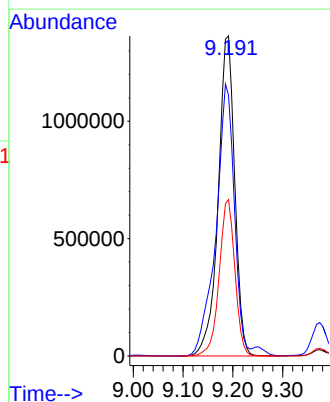
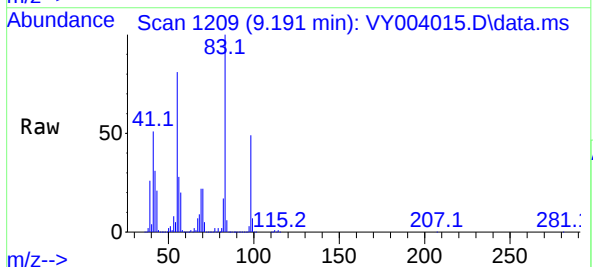
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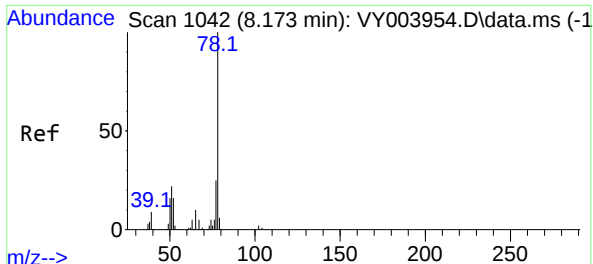


#39
Methylcyclohexane
Concen: 779.56 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 83 Resp: 3141730

Ion	Ratio	Lower	Upper
83	100		
55	81.4	65.8	98.6
98	48.9	38.3	57.5





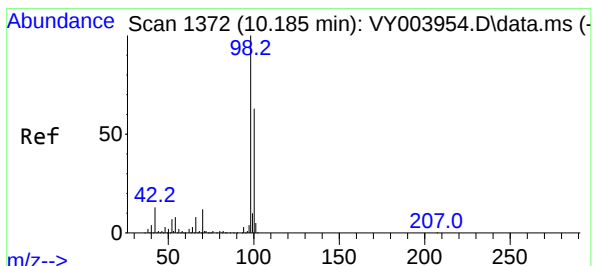
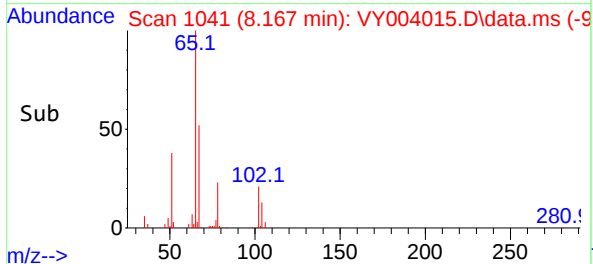
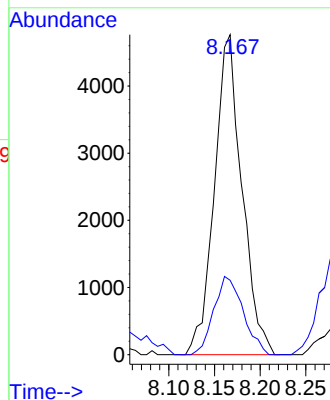
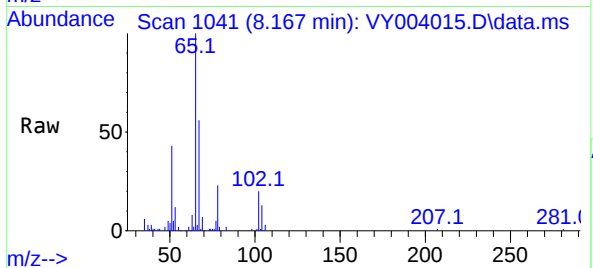
#40
Benzene
Concen: 1.07 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 78 Resp: 9983
Ion Ratio Lower Upper
78 100
77 23.2 20.4 30.6

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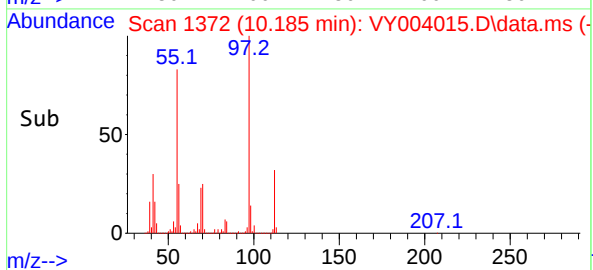
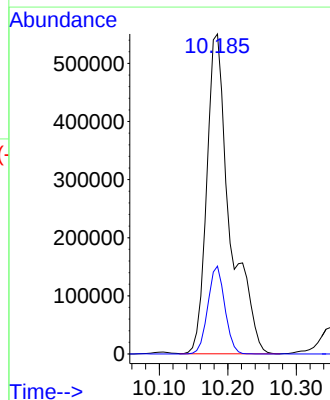
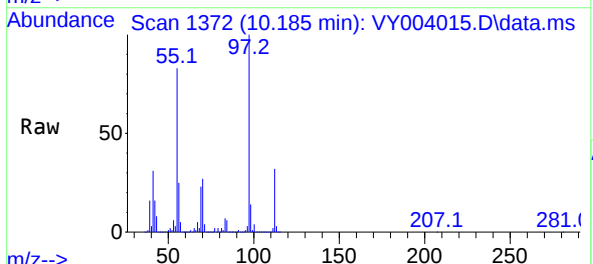
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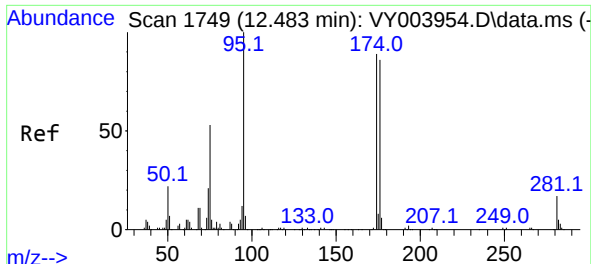
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#50
Toluene-d8
Concen: 169.22 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

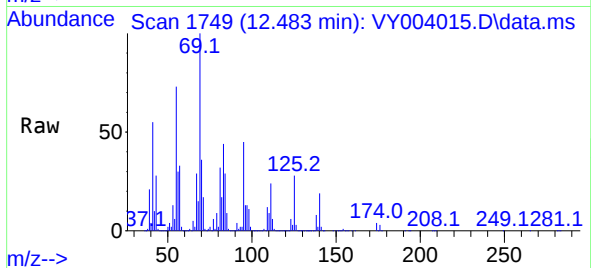
Tgt Ion: 98 Resp: 1298072
Ion Ratio Lower Upper
98 100
100 20.0 50.5 75.7#





#62
4-Bromofluorobenzene
Concen: 281.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

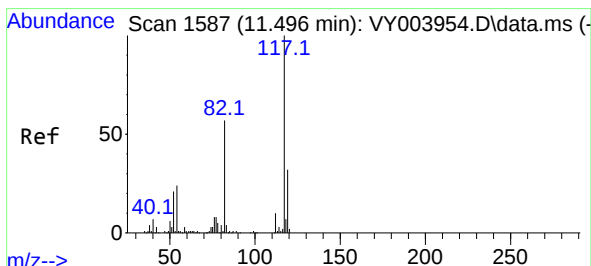
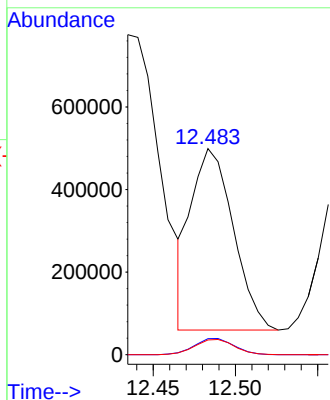
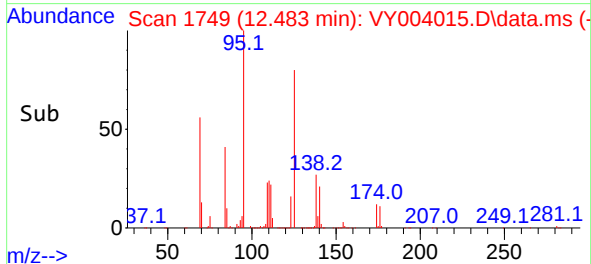
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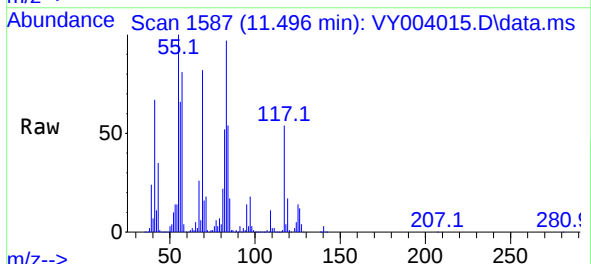
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Ion Ratio Lower Upper
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176 7.9 0.0 177.2

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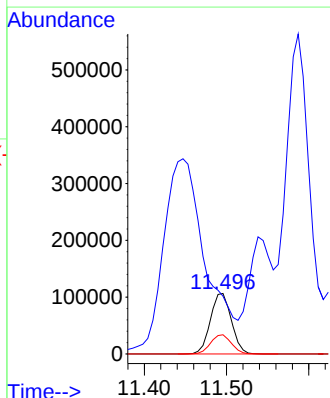
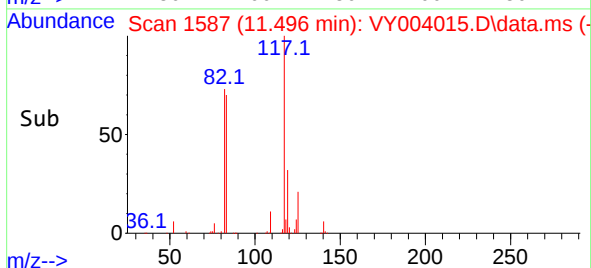
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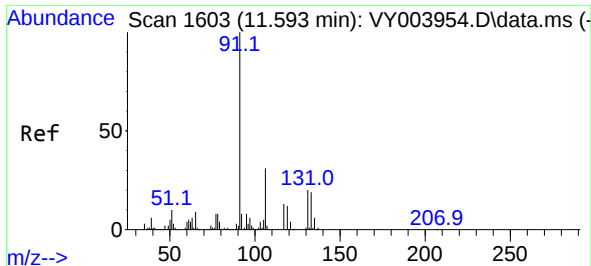


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40



Tgt Ion: 117 Resp: 187998
Ion Ratio Lower Upper
117 100
82 0.0 44.3 66.5#
119 31.8 25.0 37.6





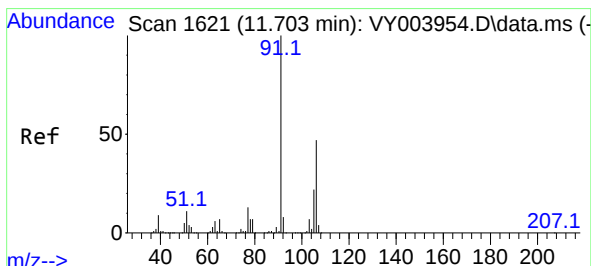
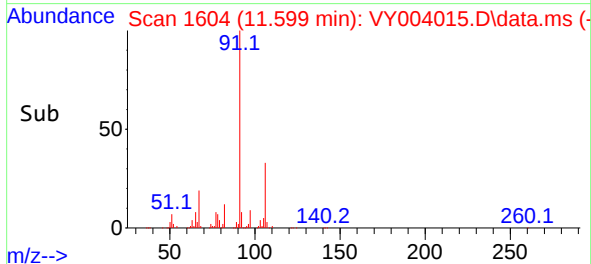
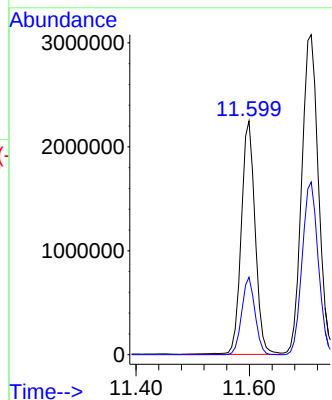
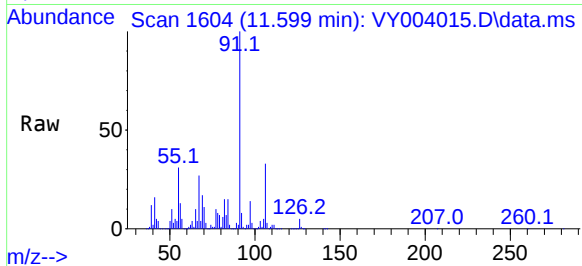
#67
Ethyl Benzene
Concen: 533.29 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 91 Resp: 3810297
Ion Ratio Lower Upper
91 100
106 33.2 23.9 35.9

Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-3-SOIL

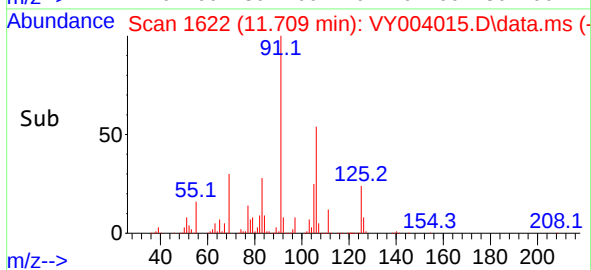
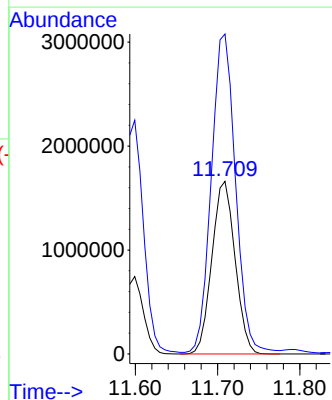
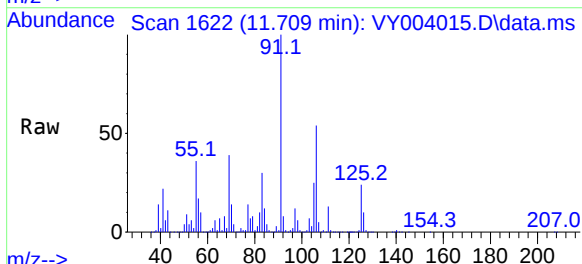
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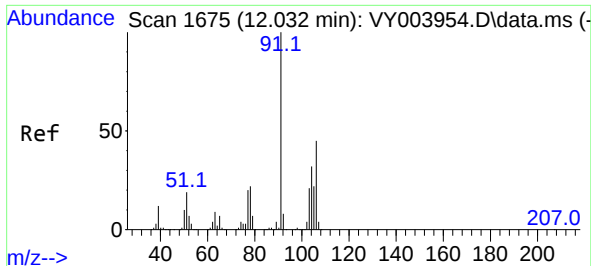
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#68
m/p-Xylenes
Concen: 1226.21 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion:106 Resp: 3246807
Ion Ratio Lower Upper
106 100
91 191.5 167.1 250.7





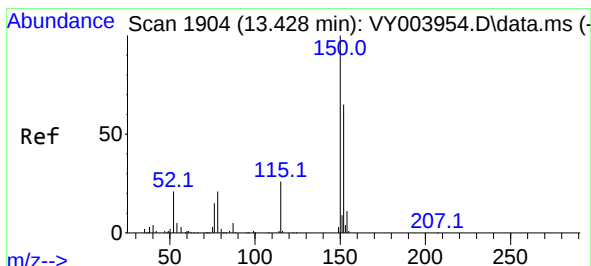
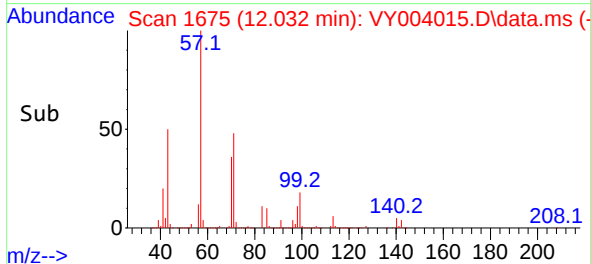
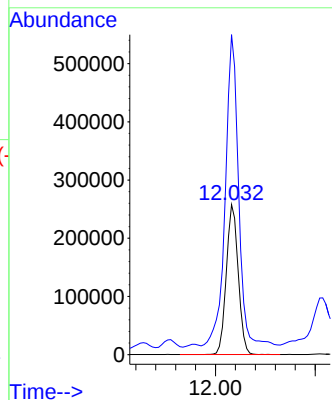
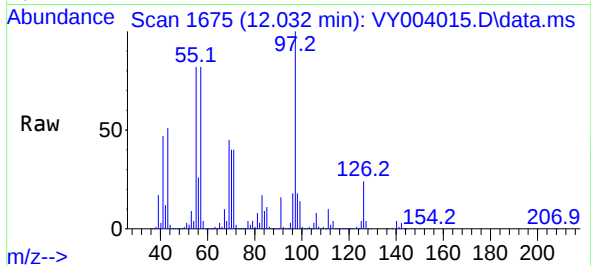
#69
o-Xylene
Concen: 172.63 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion:106 Resp: 425246
Ion Ratio Lower Upper
106 100
91 230.9 110.8 332.4

Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-3-SOIL

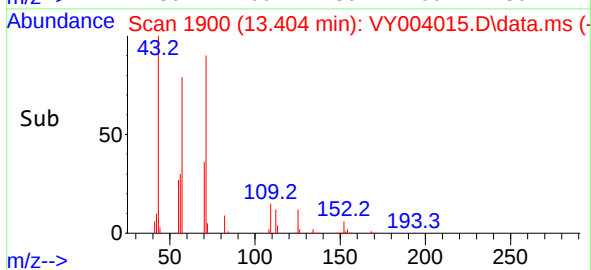
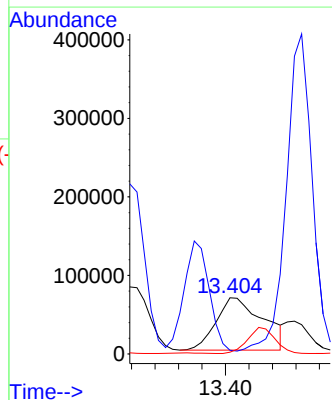
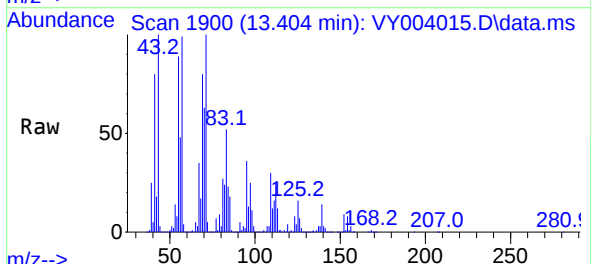
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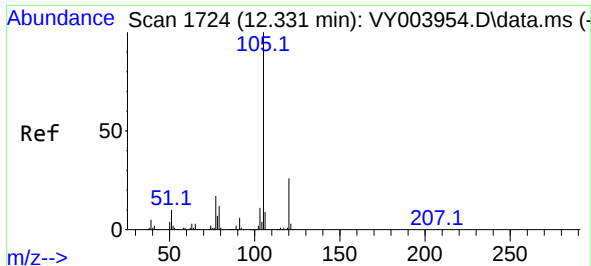
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.404 min Scan# 1900
Delta R.T. -0.024 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion:152 Resp: 184083
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.6#
150 0.0 0.0 356.2





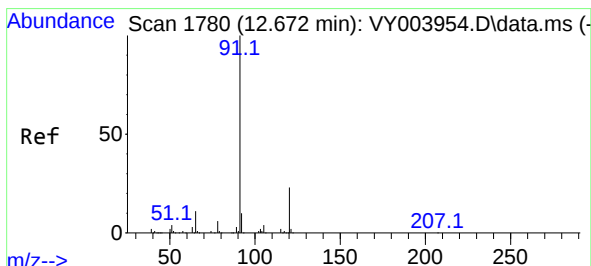
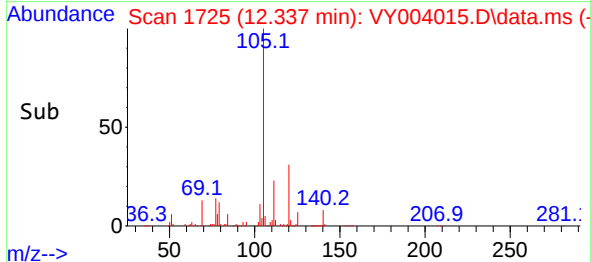
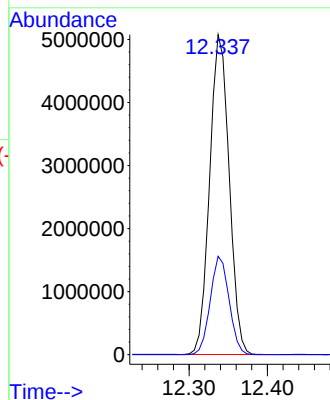
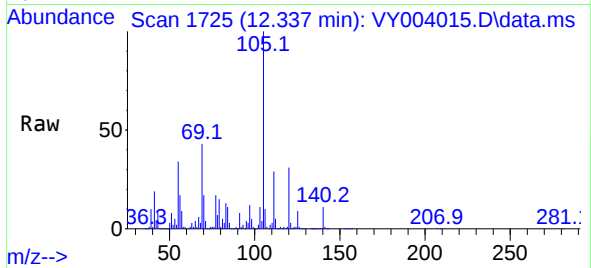
#73
Isopropylbenzene
Concen: 664.93 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 105 Resp: 8760993
Ion Ratio Lower Upper
105 100
120 29.7 13.6 40.8

Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-3-SOIL

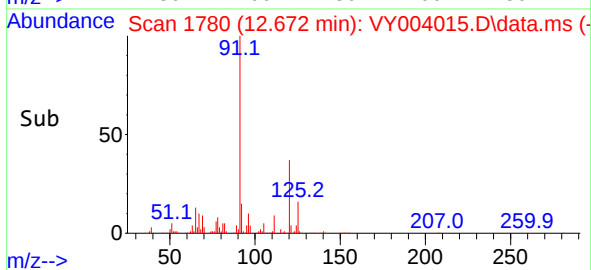
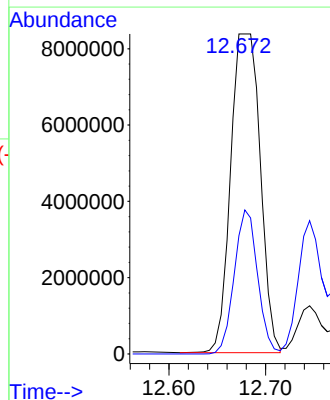
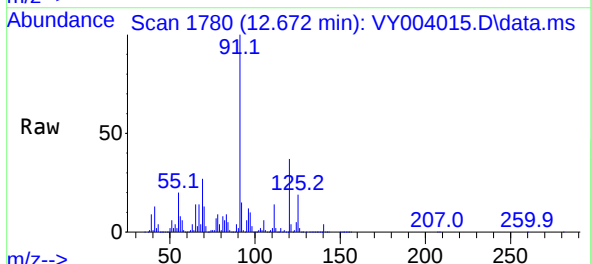
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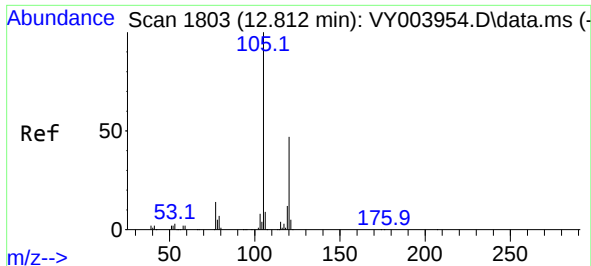
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#78
n-propylbenzene
Concen: 1132.70 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion: 91 Resp: 17757575
Ion Ratio Lower Upper
91 100
120 35.7 11.4 34.2#





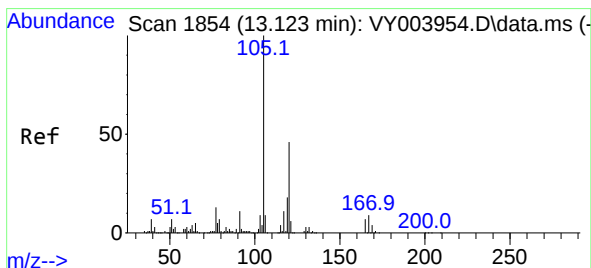
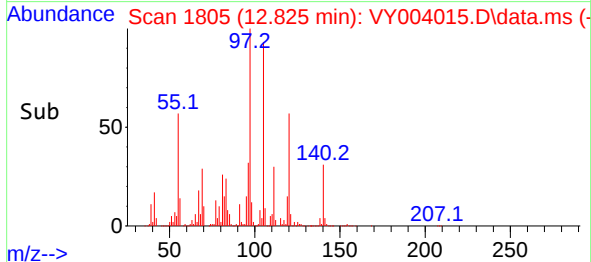
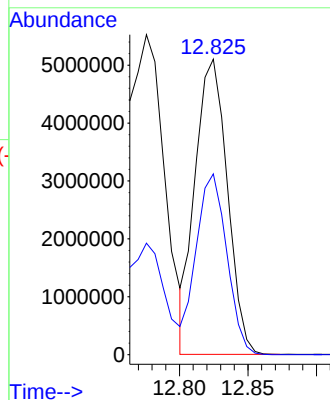
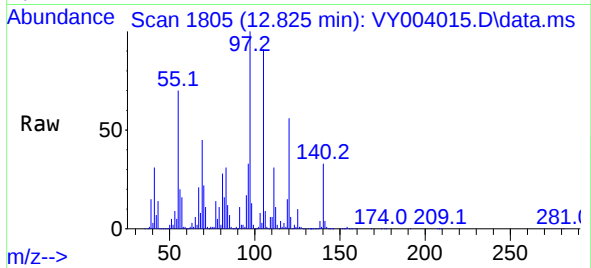
#80
1,3,5-Trimethylbenzene
Concen: 736.88 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.012 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion:105 Resp: 8331777
Ion Ratio Lower Upper
105 100
120 58.4 23.9 71.7

Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-3-SOIL

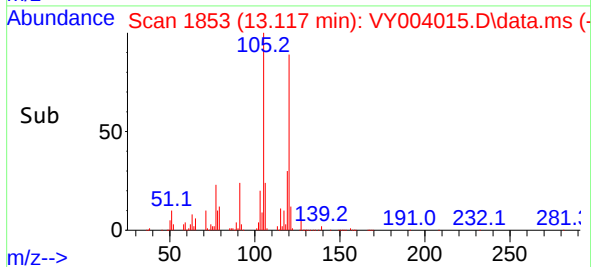
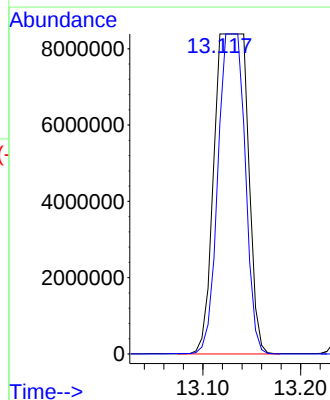
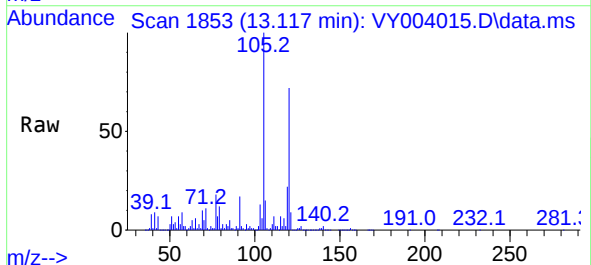
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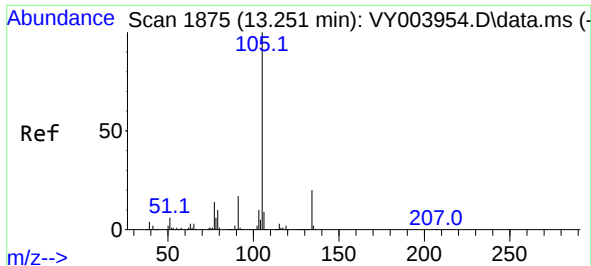
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#84
1,2,4-Trimethylbenzene
Concen: 1781.44 ug/l m
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

Tgt Ion:105 Resp:20190484
Ion Ratio Lower Upper
105 100
120 15.2 22.2 66.6#





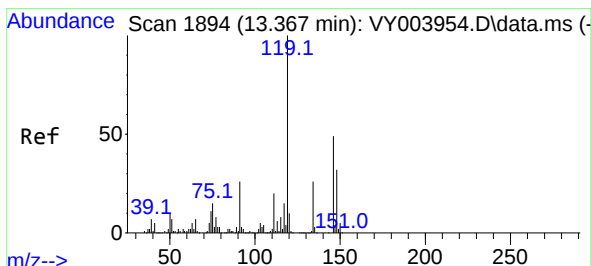
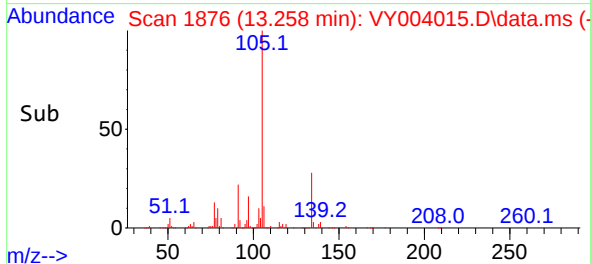
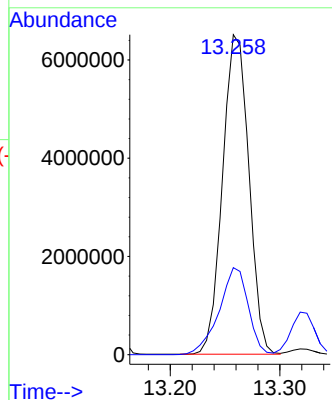
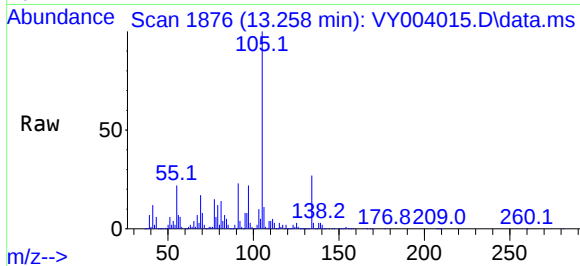
#85
 sec-Butylbenzene
 Concen: 834.03 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY004015.D
 Acq: 11 Feb 2021 20:40

Tgt Ion:105 Resp:10865097
 Ion Ratio Lower Upper
 105 100
 134 30.2 10.2 30.6

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCP-SS-3-SOIL

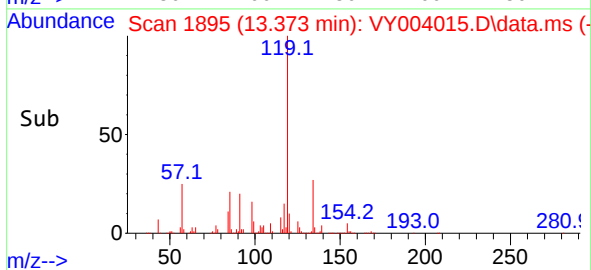
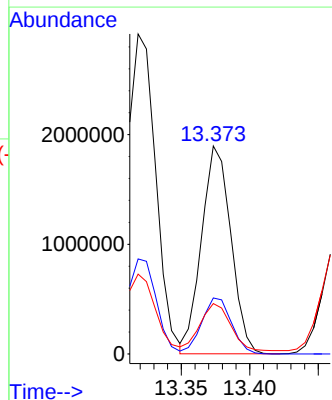
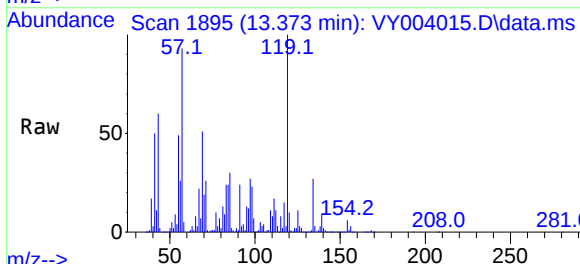
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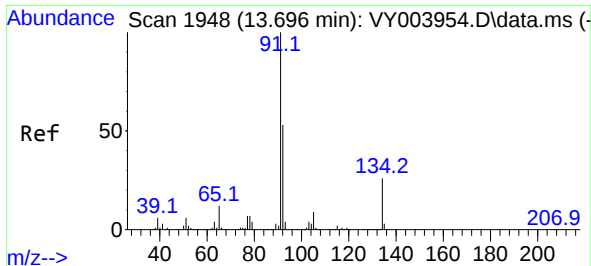
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#86
 p-Isopropyltoluene
 Concen: 233.10 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY004015.D
 Acq: 11 Feb 2021 20:40

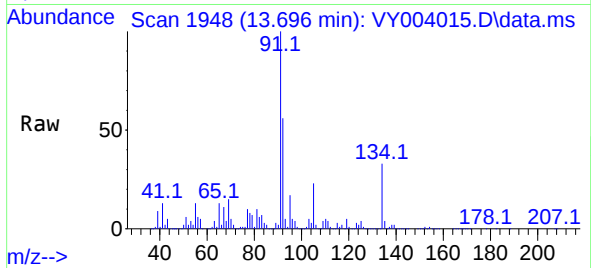
Tgt Ion:119 Resp: 2832833
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.5
 91 23.2 12.8 38.3





#89
n-Butylbenzene
Concen: 593.53 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40

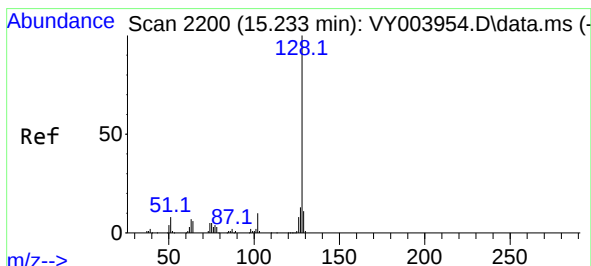
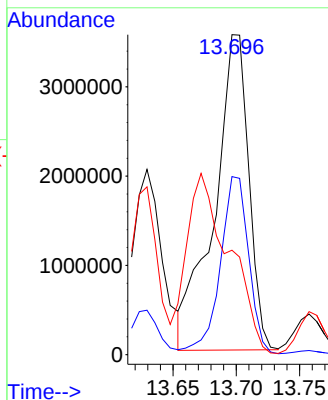
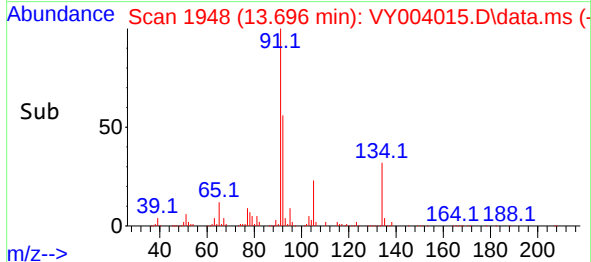
Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-3-SOIL



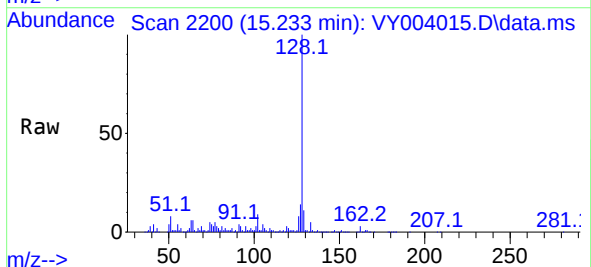
Tgt Ion: 91 Resp: 6696569
Ion Ratio Lower Upper
91 100
92 46.3 26.4 79.2
134 0.0 13.2 39.5#

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#95
Naphthalene
Concen: 45.64 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY004015.D
Acq: 11 Feb 2021 20:40



Tgt Ion: 128 Resp: 325118
Ion Ratio Lower Upper
128 100
127 13.5 11.4 17.0
129 11.2 8.6 12.8

