

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004016.D
 Acq On : 11 Feb 2021 21:03
 Operator : SY/MD
 Sample : M1398-04
 Misc : 3.93g/5mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VCP-SS-4-SOIL

Manual Integrations
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 2/12/2021 1:36:12 PM

Quant Time: Feb 12 00:14:25 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	7.801	168	221365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	362881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268479	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	203450	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133024	54.65	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.30%			
35) Dibromofluoromethane	7.722	113	116428	54.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.74%			
50) Toluene-d8	10.185	98	714675	85.83	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 171.66%#			
62) 4-Bromofluorobenzene	12.483	95	599903	197.65	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 395.30%#			
Target Compounds						Qvalue
16) Acetone	3.966	43	20196	33.80	ug/l	92
25) 2-Butanone	7.009	43	11298	13.27	ug/l #	85
31) Cyclohexane	7.789	56	33437	8.18	ug/l #	89
39) Methylcyclohexane	9.185	83	916410	209.48	ug/l	98
67) Ethyl Benzene	11.599	91	7429808	728.16	ug/l	93
68) m/p-Xylenes	11.709	106	8633406	2283.14	ug/l	81
69) o-Xylene	12.032	106	1167351	331.84	ug/l	100
73) Isopropylbenzene	12.337	105	6679750	458.71	ug/l	99
78) n-propylbenzene	12.678	91	17215567	993.60	ug/l	87
80) 1,3,5-Trimethylbenzene	12.818	105	16580652	1326.84	ug/l	69
84) 1,2,4-Trimethylbenzene	13.117	105	23523986m	1877.98	ug/l	
85) sec-Butylbenzene	13.257	105	9711112	674.49	ug/l	86
86) p-Isopropyltoluene	13.373	119	3924468	292.19	ug/l	98
89) n-Butylbenzene	13.702	91	7242326	580.80	ug/l #	73
95) Naphthalene	15.233	128	332709	42.26	ug/l	98

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

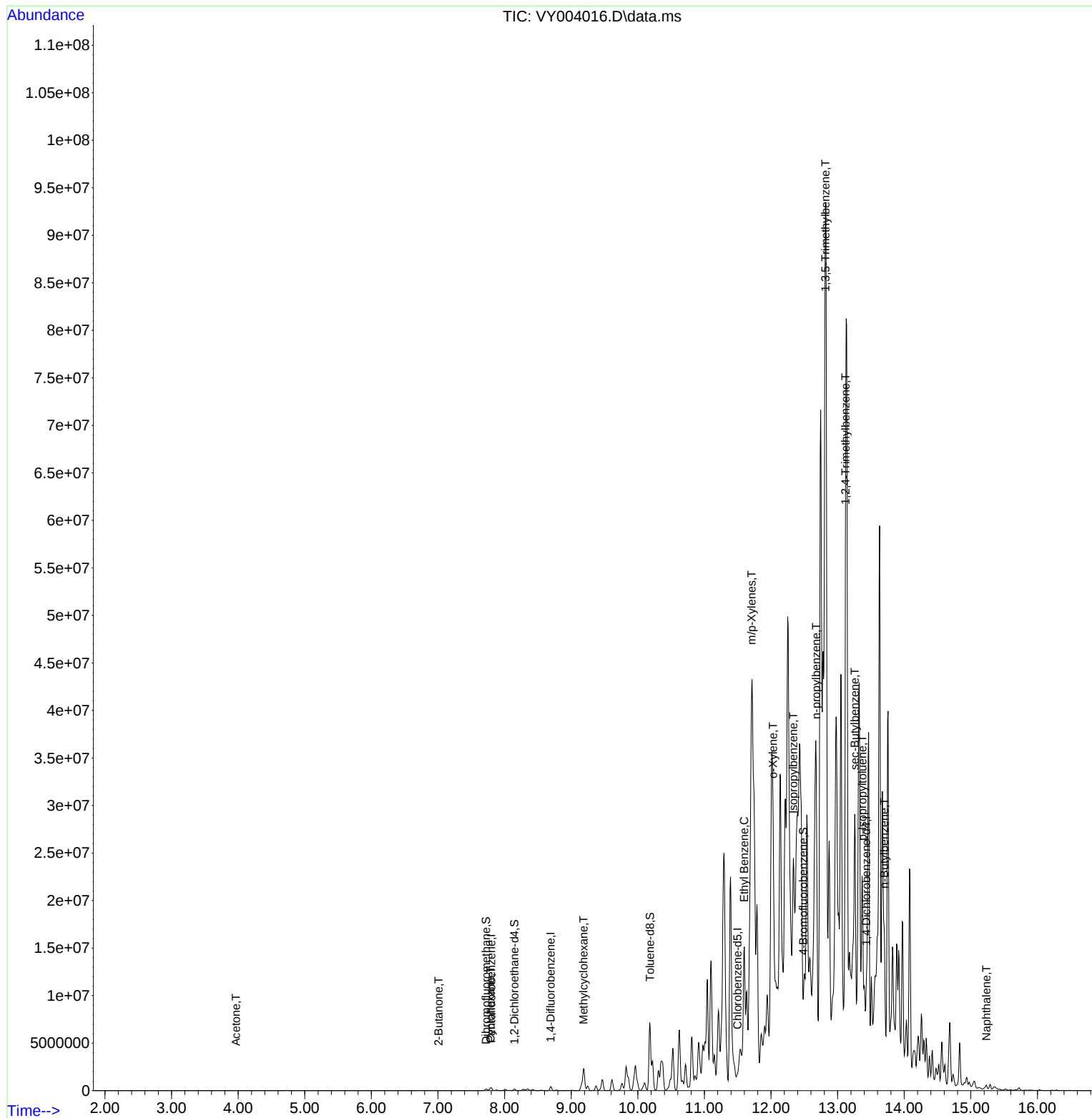
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
Data File : VY004016.D
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Operator : SY/MD
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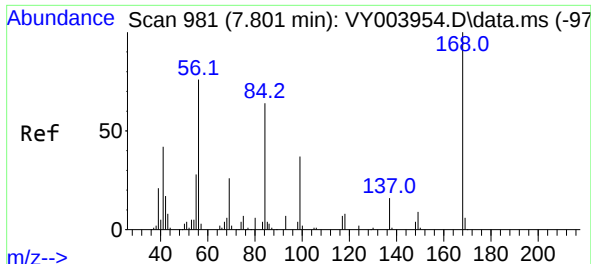
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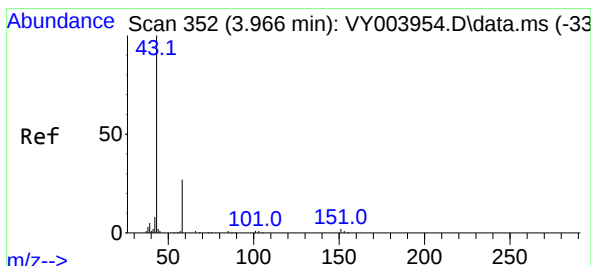
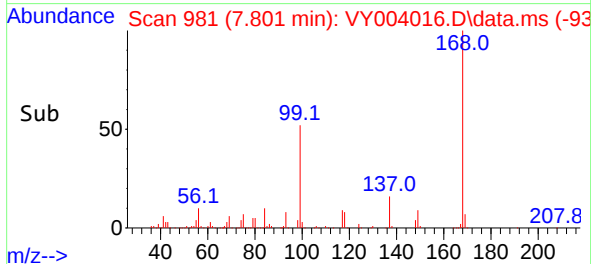
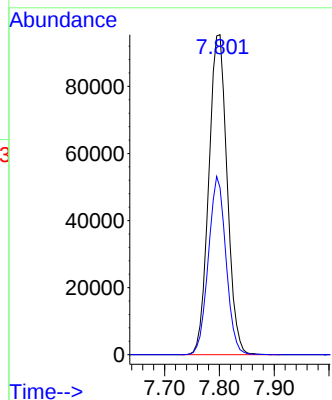
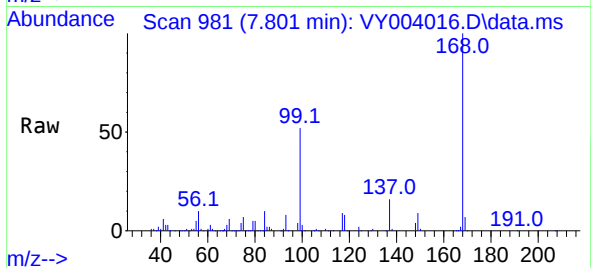
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
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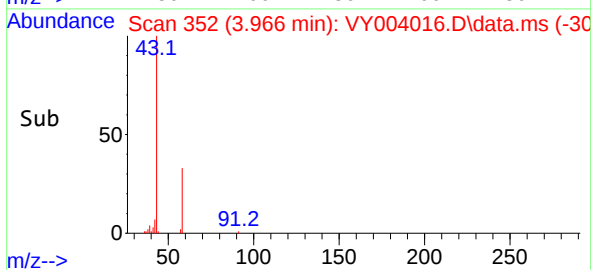
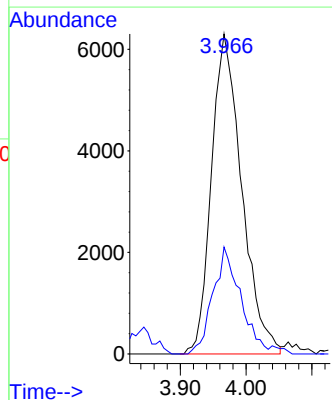
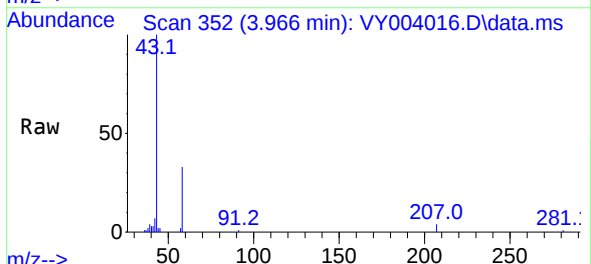
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion:168 Resp: 221365
Ion Ratio Lower Upper
168 100
99 52.1 46.1 69.1



#16
Acetone
Concen: 33.80 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion: 43 Resp: 20196
Ion Ratio Lower Upper
43 100
58 33.4 23.4 35.0

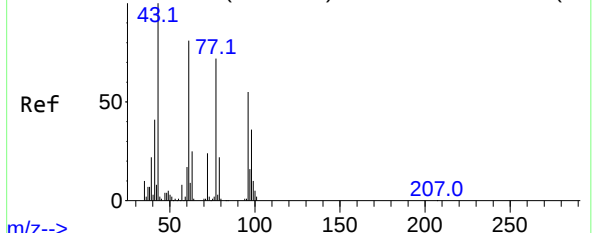


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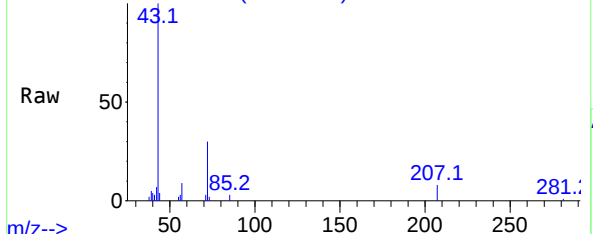
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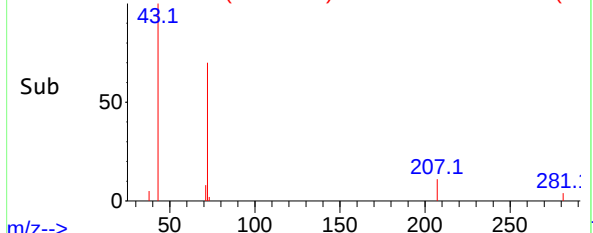
Abundance Scan 850 (7.002 min): VY003954.D\data.ms (-83



m/z--> Abundance Scan 851 (7.009 min): VY004016.D\data.ms



m/z--> Abundance Scan 851 (7.009 min): VY004016.D\data.ms (-80

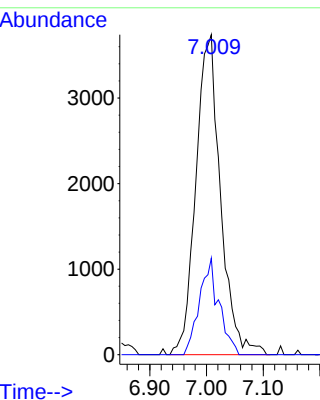


m/z-->

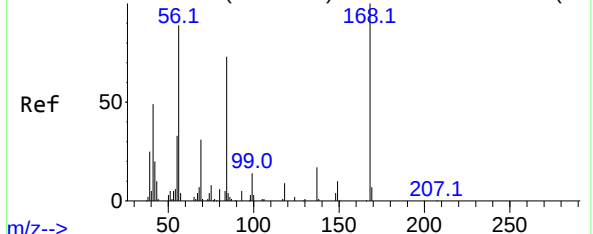
#25

2-Butanone
Concen: 13.27 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

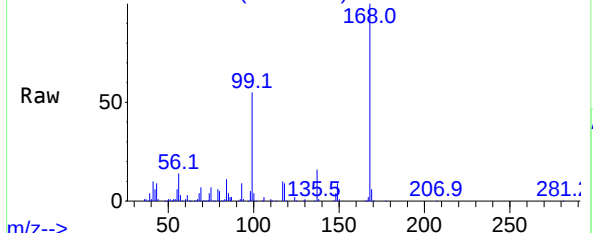
Tgt Ion: 43 Resp: 11298
Ion Ratio Lower Upper
43 100
72 30.2 18.5 27.7#



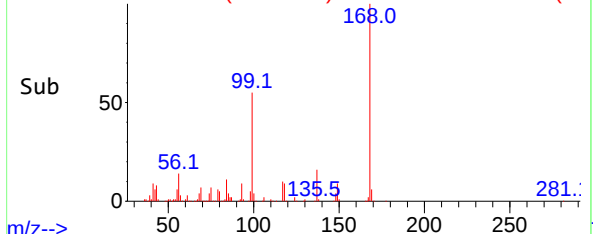
Abundance Scan 980 (7.795 min): VY003954.D\data.ms (-96



m/z--> Abundance Scan 979 (7.789 min): VY004016.D\data.ms



m/z--> Abundance Scan 979 (7.789 min): VY004016.D\data.ms (-93

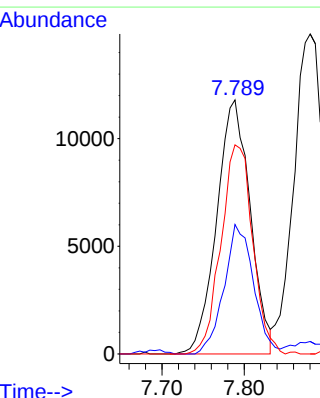


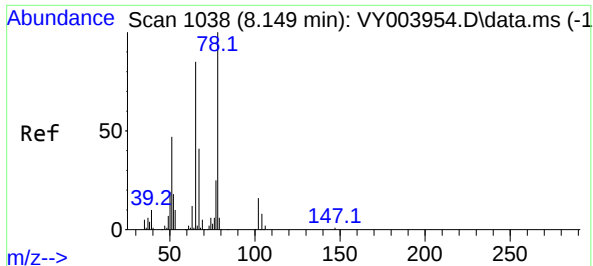
m/z-->

#31

Cyclohexane
Concen: 8.18 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion: 56 Resp: 33437
Ion Ratio Lower Upper
56 100
69 50.3 25.0 37.4#
84 82.3 64.5 96.7





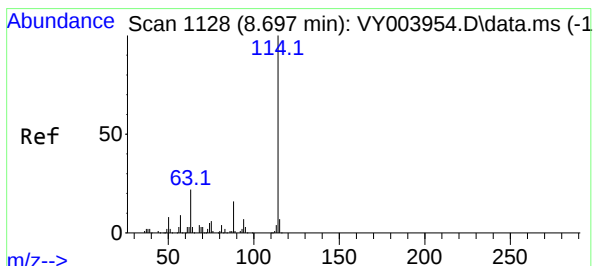
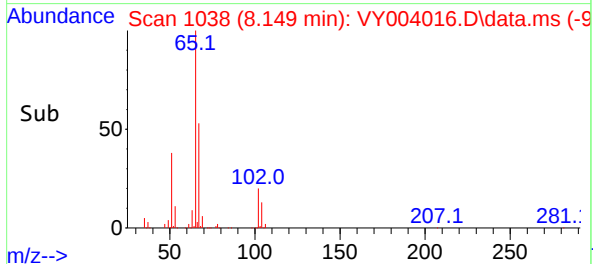
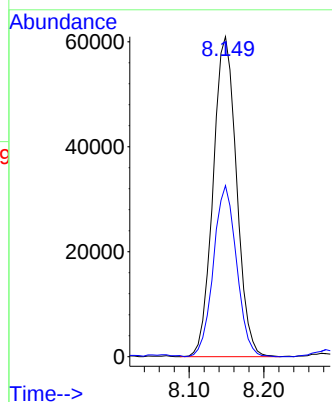
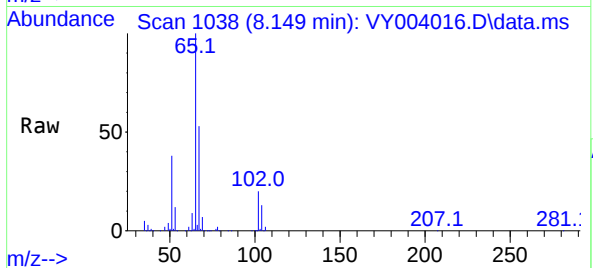
#33
1,2-Dichloroethane-d4
Concen: 54.65 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion: 65 Resp: 133024
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

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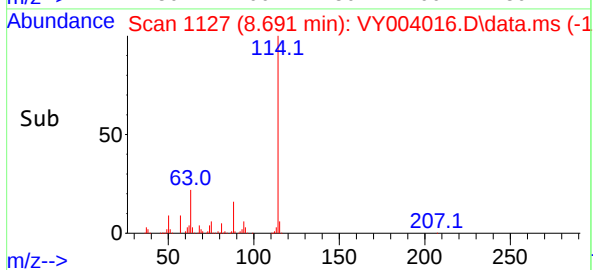
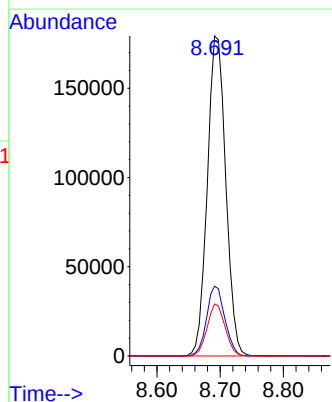
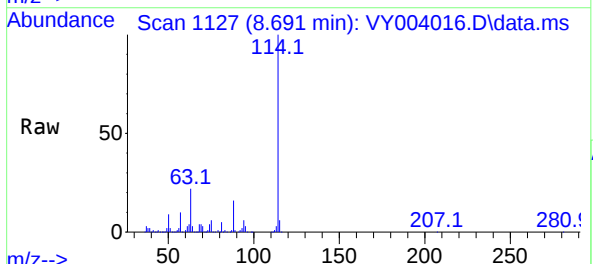
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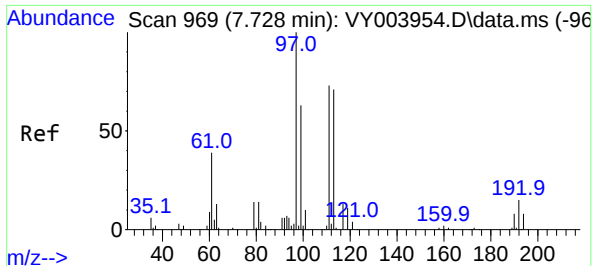
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion:114 Resp: 362881
Ion Ratio Lower Upper
114 100
63 21.8 0.0 47.2
88 16.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.87 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY004016.D

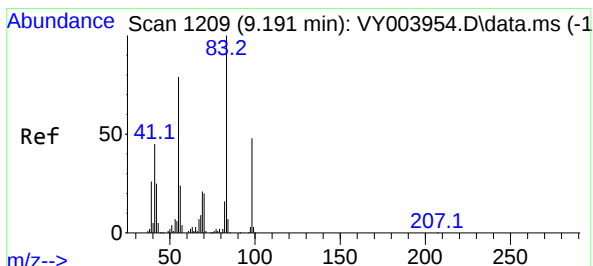
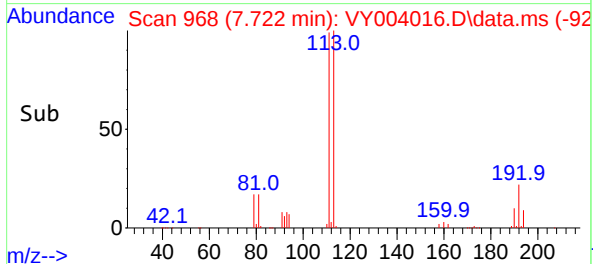
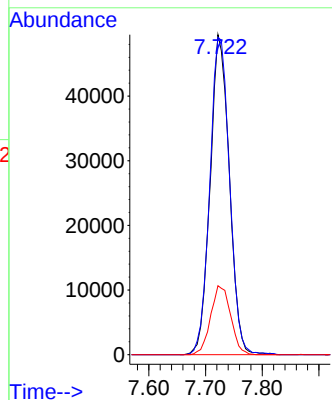
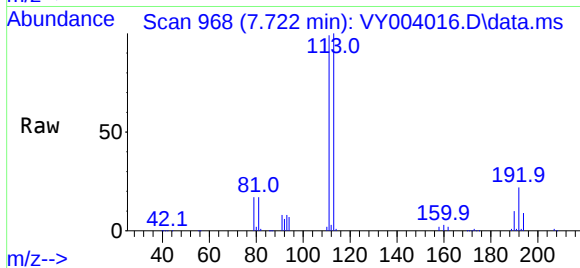
Acq: 11 Feb 2021 21:03

Tgt Ion:	113	Resp:	116428
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	22.5	18.3	27.5

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#39

Methylcyclohexane

Concen: 209.48 ug/l

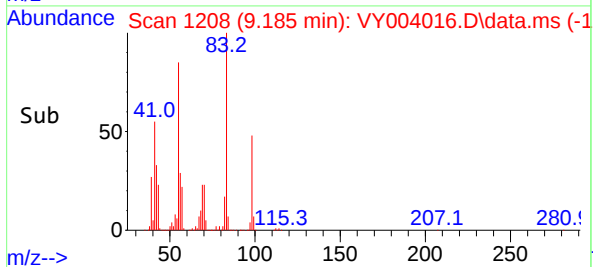
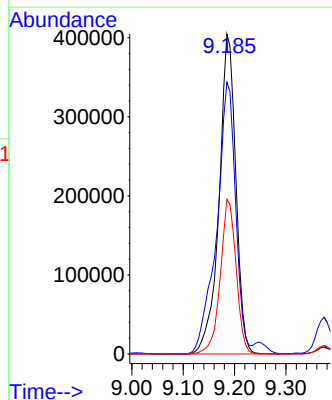
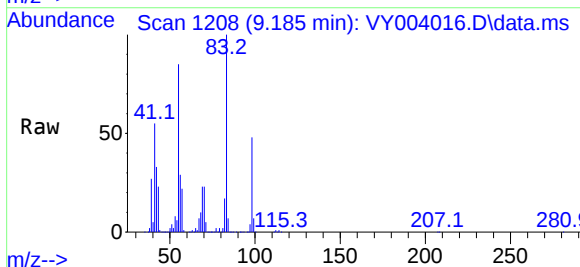
RT: 9.185 min Scan# 1208

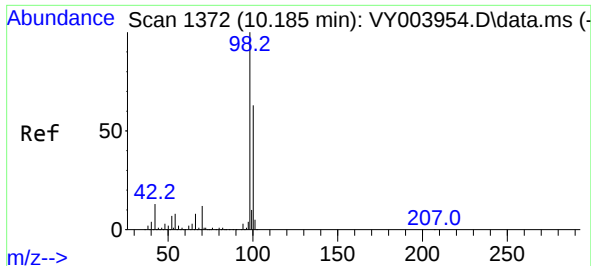
Delta R.T. -0.006 min

Lab File: VY004016.D

Acq: 11 Feb 2021 21:03

Tgt Ion:	83	Resp:	916410
Ion	Ratio	Lower	Upper
83	100		
55	84.8	65.8	98.6
98	48.3	38.3	57.5





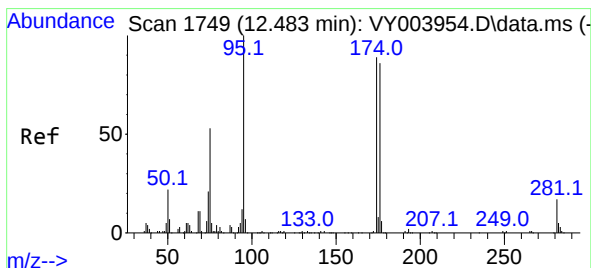
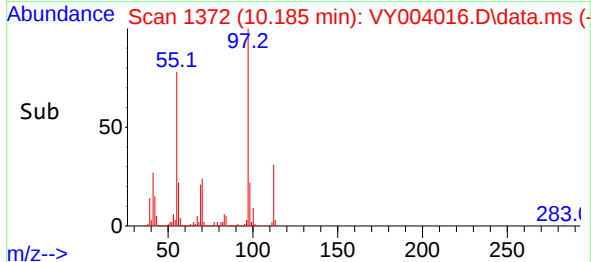
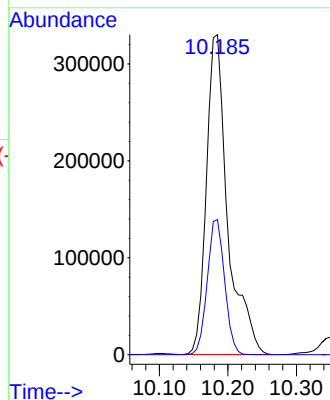
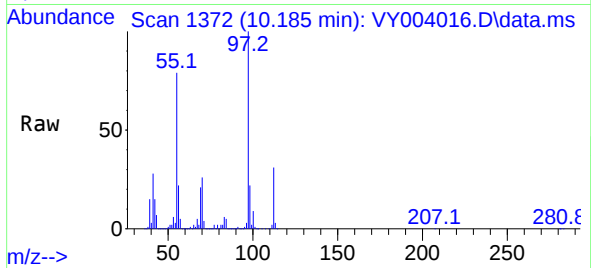
#50
Toluene-d8
Concen: 85.83 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion: 98 Resp: 714675
Ion Ratio Lower Upper
98 100
100 34.4 50.5 75.7#

Instrument :
MSVOA_Y
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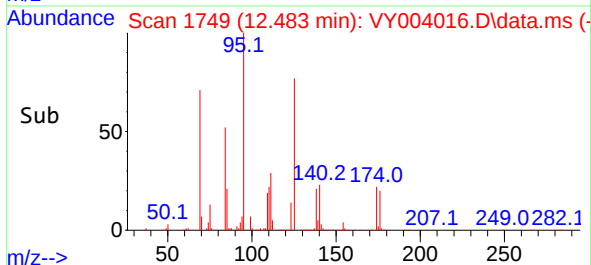
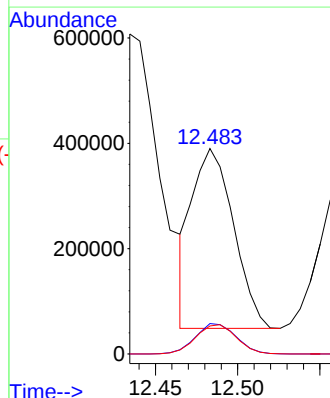
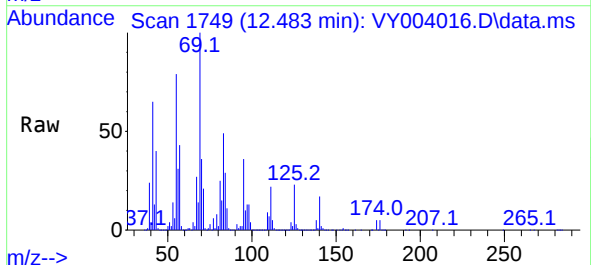
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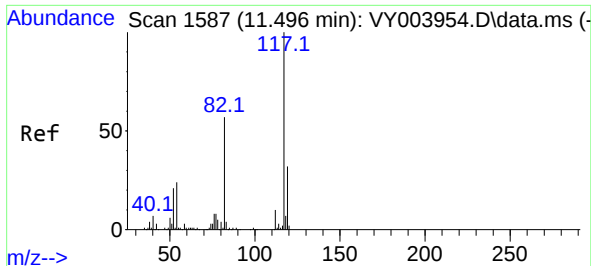
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#62
4-Bromofluorobenzene
Concen: 197.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion: 95 Resp: 599903
Ion Ratio Lower Upper
95 100
174 16.6 0.0 184.4
176 16.0 0.0 177.2





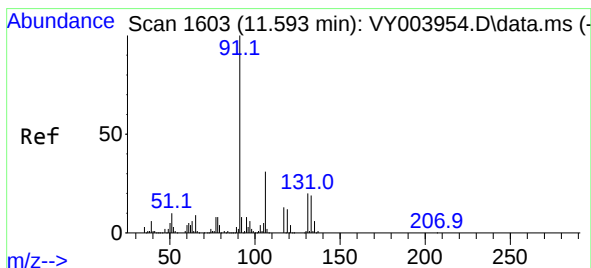
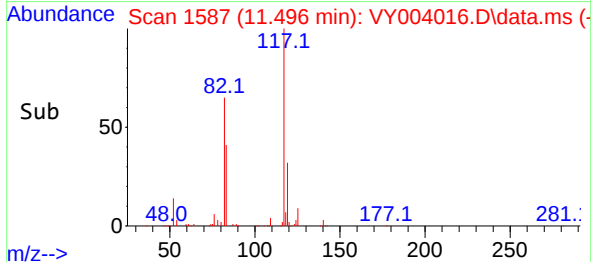
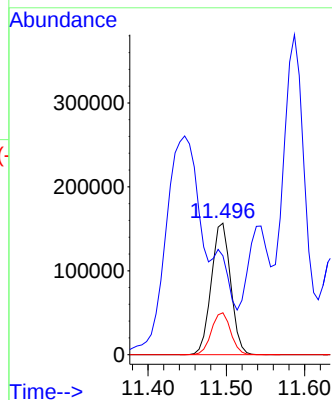
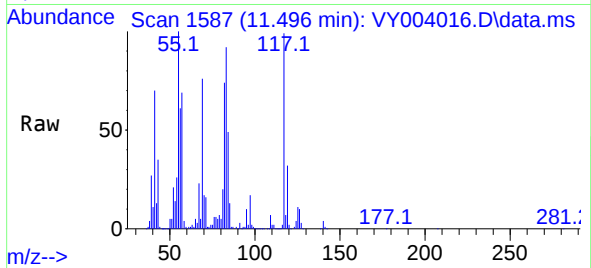
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion:117 Resp: 268479
Ion Ratio Lower Upper
117 100
82 0.0 44.3 66.5#
119 31.9 25.0 37.6

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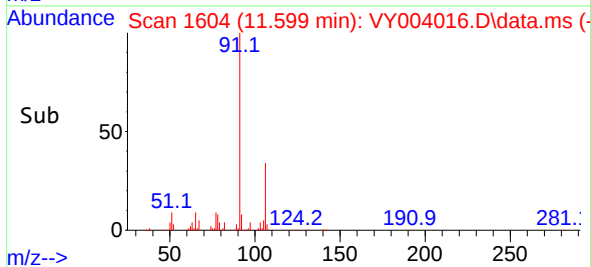
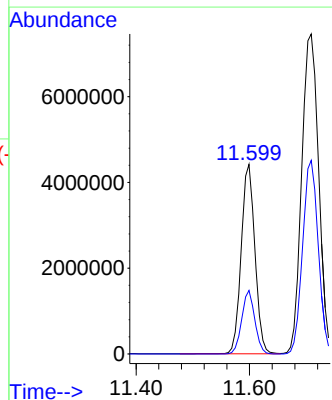
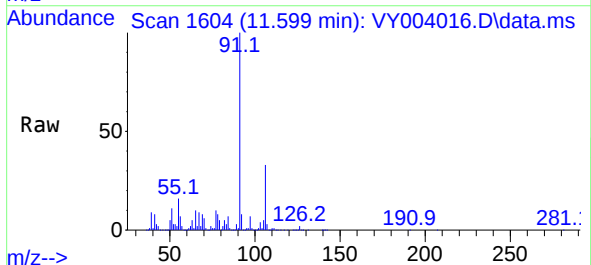
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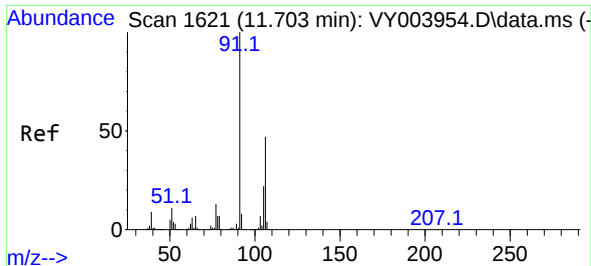
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#67
Ethyl Benzene
Concen: 728.16 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion: 91 Resp: 7429808
Ion Ratio Lower Upper
91 100
106 33.5 23.9 35.9





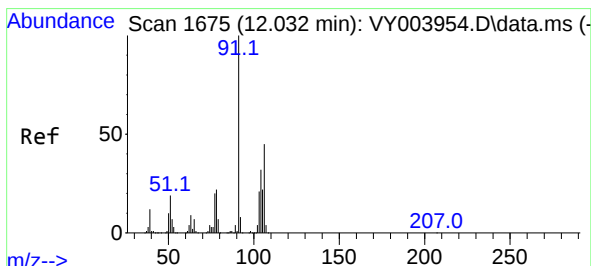
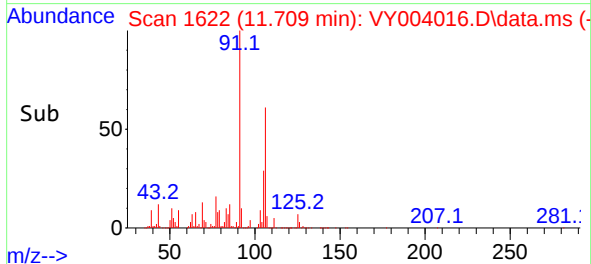
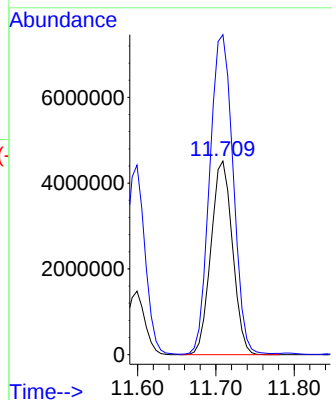
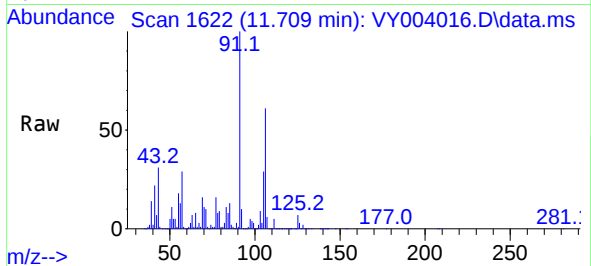
#68
m/p-Xylenes
Concen: 2283.14 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion:106 Resp: 8633406
Ion Ratio Lower Upper
106 100
91 178.9 167.1 250.7

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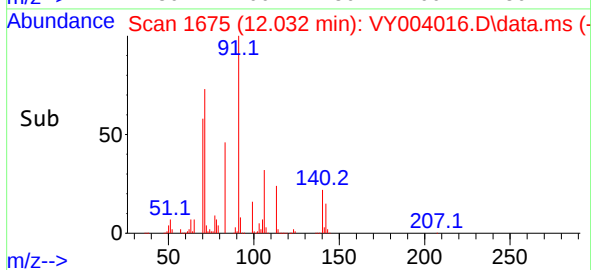
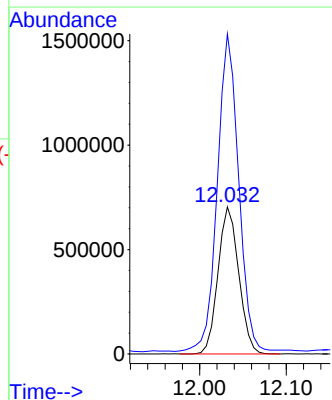
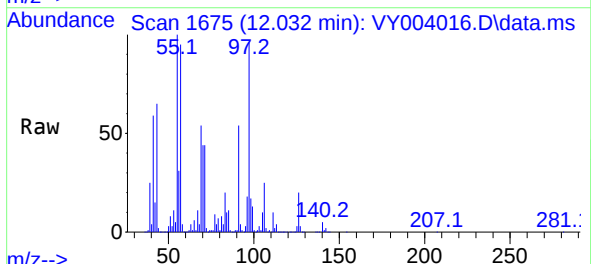
Manual Integrations
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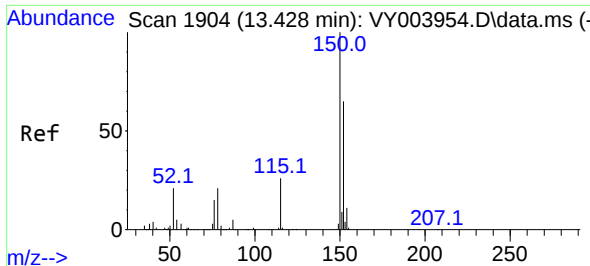
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#69
o-Xylene
Concen: 331.84 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion:106 Resp: 1167351
Ion Ratio Lower Upper
106 100
91 222.2 110.8 332.4





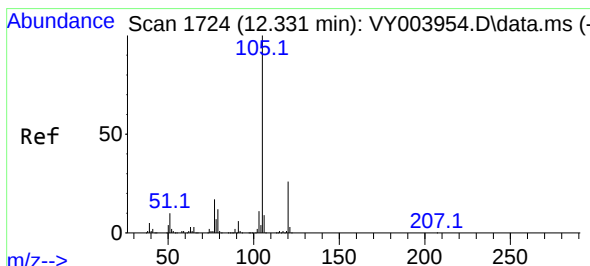
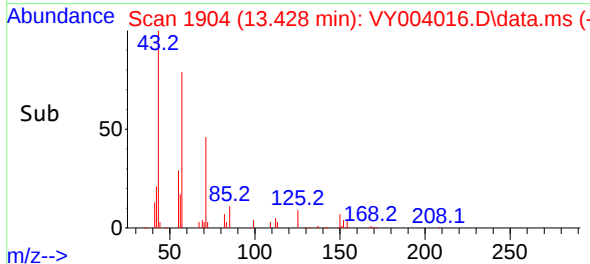
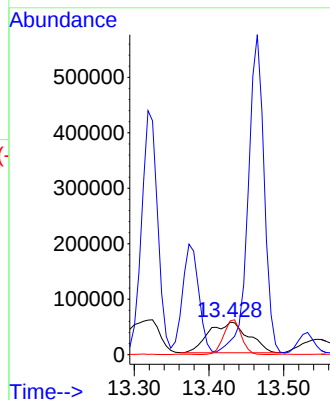
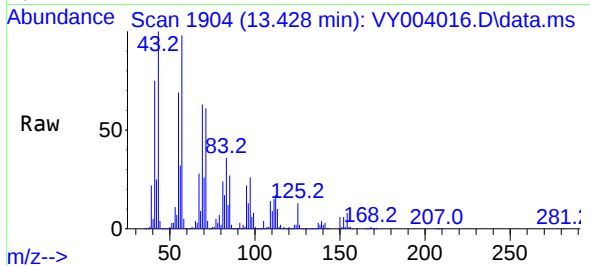
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion:152 Resp: 203450
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.6#
150 50.5 0.0 356.2

Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-4-SOIL

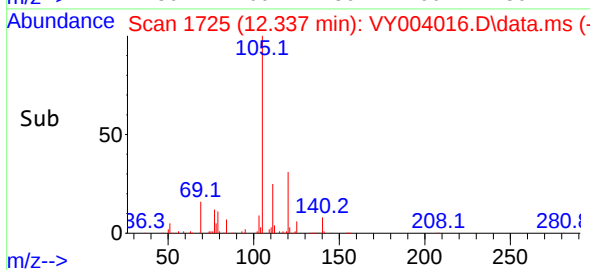
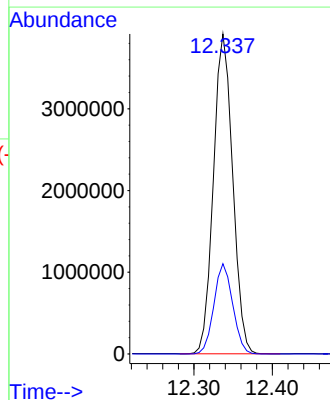
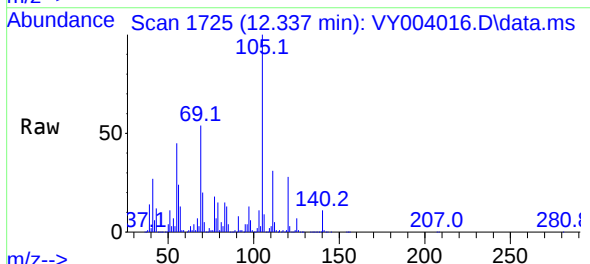
Manual Integrations
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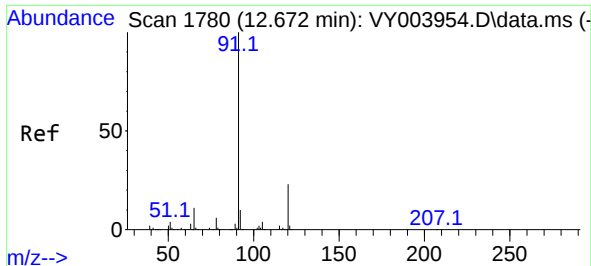
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#73
Isopropylbenzene
Concen: 458.71 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion:105 Resp: 6679750
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.8





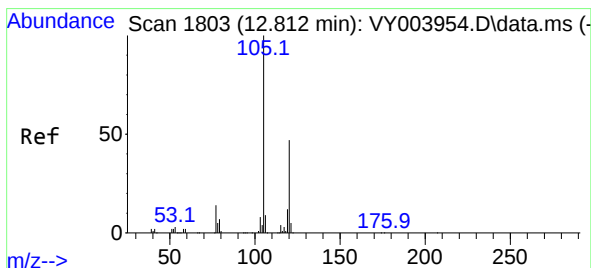
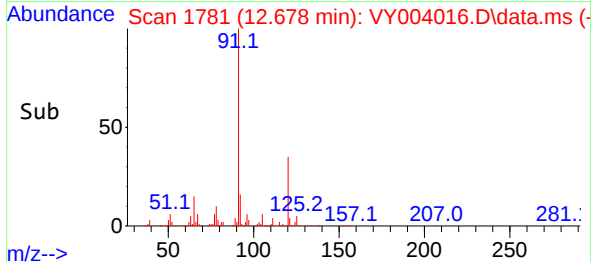
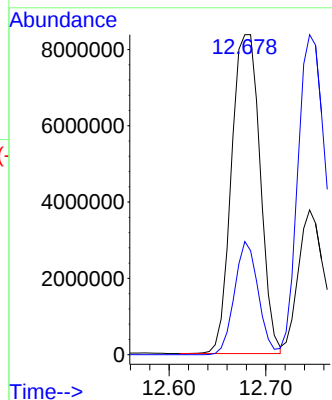
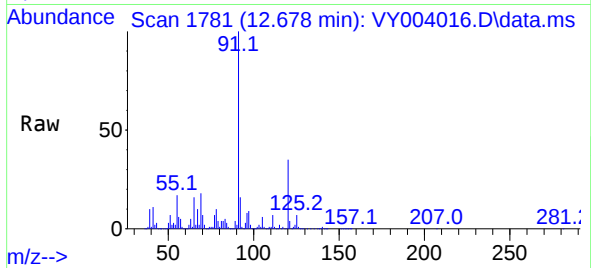
#78
n-propylbenzene
Concen: 993.60 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion: 91 Resp:17215567
Ion Ratio Lower Upper
91 100
120 29.3 11.4 34.2

Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-4-SOIL

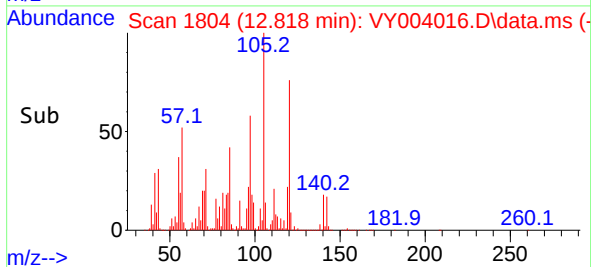
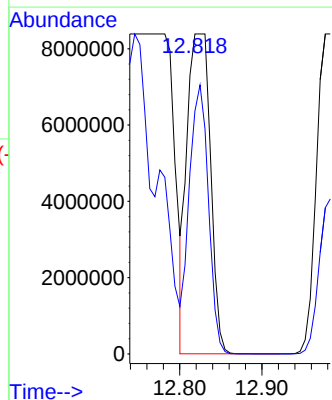
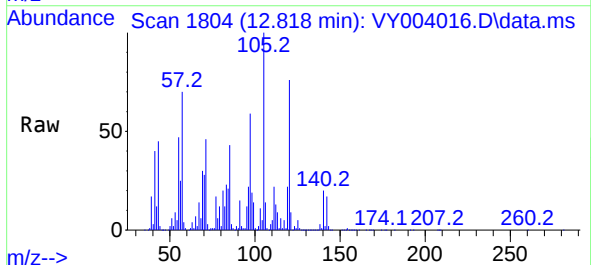
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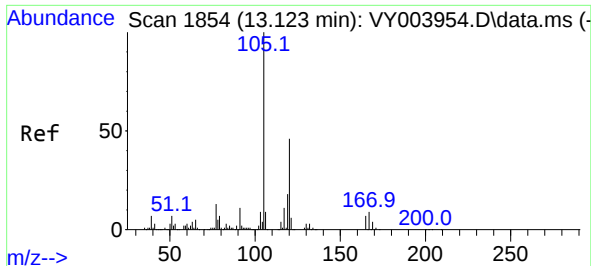
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#80
1,3,5-Trimethylbenzene
Concen: 1326.84 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion:105 Resp:16580652
Ion Ratio Lower Upper
105 100
120 68.8 23.9 71.7





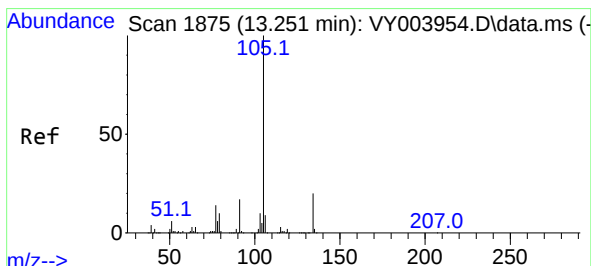
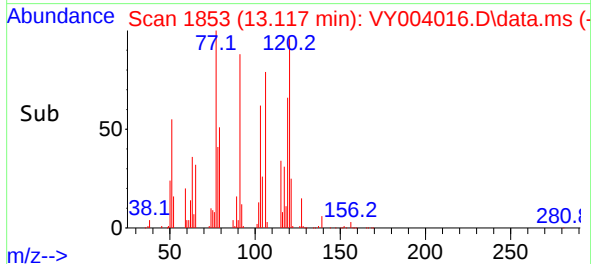
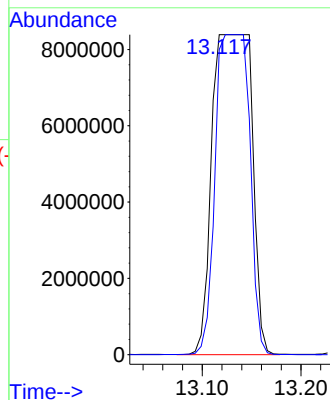
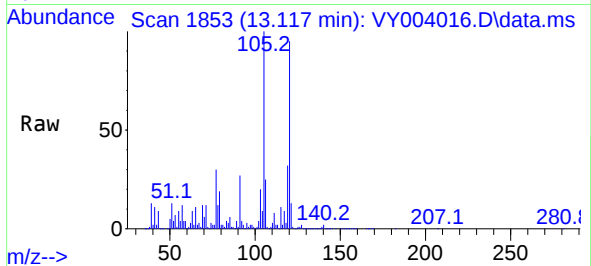
#84
1,2,4-Trimethylbenzene
Concen: 1877.98 ug/l m
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-4-SOIL

Tgt Ion:105 Resp:23523986
Ion Ratio Lower Upper
105 100
120 27.5 22.2 66.6

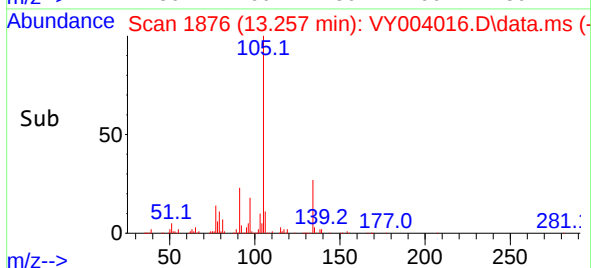
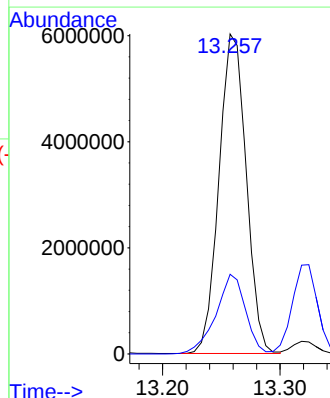
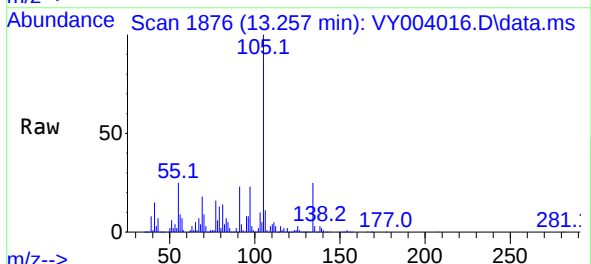
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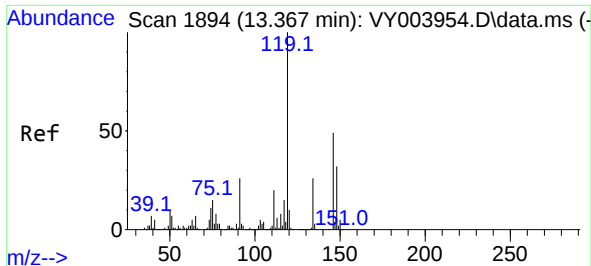
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#85
sec-Butylbenzene
Concen: 674.49 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion:105 Resp: 9711112
Ion Ratio Lower Upper
105 100
134 27.1 10.2 30.6





#86
p-Isopropyltoluene
Concen: 292.19 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

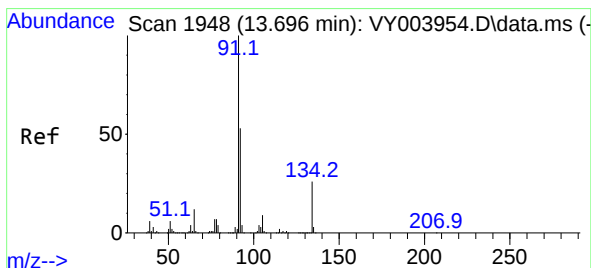
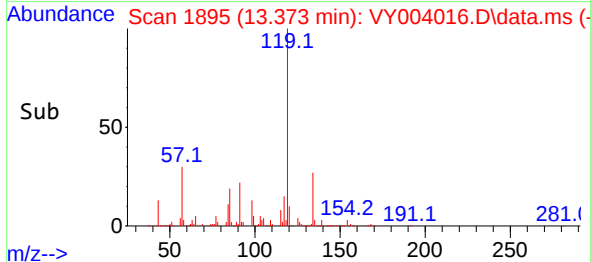
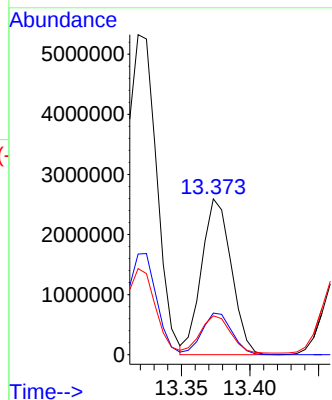
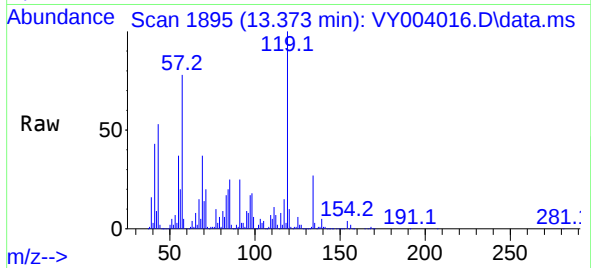
Tgt Ion: 119 Resp: 3924468

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.5
91	24.1	12.8	38.3

Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-4-SOIL

Manual Integrations
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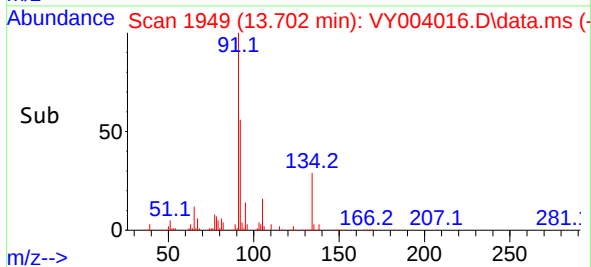
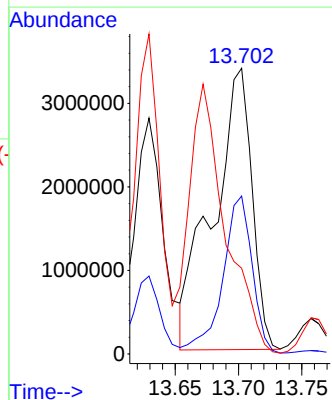
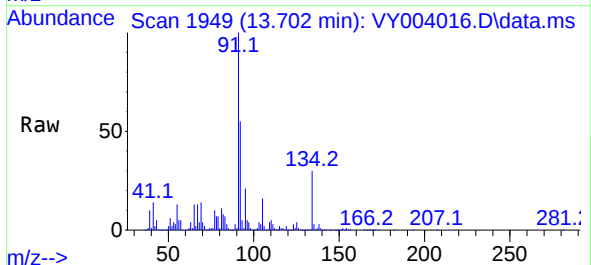
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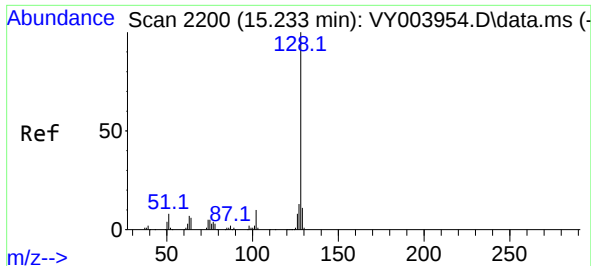


#89
n-Butylbenzene
Concen: 580.80 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion: 91 Resp: 7242326

Ion	Ratio	Lower	Upper
91	100		
92	41.8	26.4	79.2
134	0.0	13.2	39.5





#95
Naphthalene
Concen: 42.26 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY004016.D
Acq: 11 Feb 2021 21:03

Tgt Ion:128 Resp: 332709
Ion Ratio Lower Upper
128 100
127 13.6 11.4 17.0
129 11.4 8.6 12.8

Instrument :
MSVOA_Y
ClientSampleId :
VCP-SS-4-SOIL

Manual Integrations
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