

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022017.D
 Acq On : 01 Feb 2022 21:32
 Operator : SY/VA
 Sample : N1353-05
 Misc : 4.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COVE6

Quant Time: Feb 02 01:17:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 01:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174755	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	165403	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	84116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43324	20.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.320%
7) Chloroethane-d5	2.885	69	29293	18.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.320%
11) 1,1-Dichloroethene-d2	4.019	63	54566	14.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.680%
21) 2-Butanone-d5	7.080	46	19350	51.826	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.660%
24) Chloroform-d	7.647	84	79943	19.662	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.640%
26) 1,2-Dichloroethane-d4	8.305	65	42923	21.219	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.880%
32) Benzene-d6	8.275	84	164086	19.631	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.520%
36) 1,2-Dichloropropane-d6	9.275	67	47737	20.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.000%
41) Toluene-d8	10.329	98	163859	19.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.120%
43) trans-1,3-Dichloroprop...	10.579	79	19346	19.429	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.720%
47) 2-Hexanone-d5	10.921	63	17377	52.571	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.140%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	38171	20.585	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.360%
66) 1,2-Dichlorobenzene-d4	13.847	152	57826	19.056	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.240%
Target Compounds						Qvalue
13) Acetone	4.129	43	886686	2542.863	ug/L	99
22) 2-Butanone	7.171	43	318164	704.729	ug/L	95
34) Trichloroethene	8.842	95	5078	2.060	ug/L #	1
37) 1,2-Dichloropropane	9.281	63	6272	3.293	ug/L #	82
39) cis-1,3-Dichloropropene	10.037	75	1859	0.609	ug/L #	71
40) 4-Methyl-2-pentanone	10.220	43	11224198	12010.760	ug/L	94
42) Toluene	10.390	91	856286	87.107	ug/L	100
45) 1,1,2-Trichloroethane	10.756	97	3039	1.877	ug/L #	21
48) 2-Hexanone	10.969	43	3874	5.570	ug/L #	90
52) Ethylbenzene	11.731	91	546391	50.376	ug/L	95
53) m,p-Xylene	11.835	106	935240	207.828	ug/L	99
54) o-Xylene	12.164	106	299438	71.132	ug/L	93
55) Styrene	12.164	104	15325	2.254	ug/L #	1
60) Isopropylbenzene	12.463	105	8319	0.757	ug/L #	95
62) 1,3,5-Trimethylbenzene	12.939	105	12830	1.760	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	28627	3.224	ug/L	97

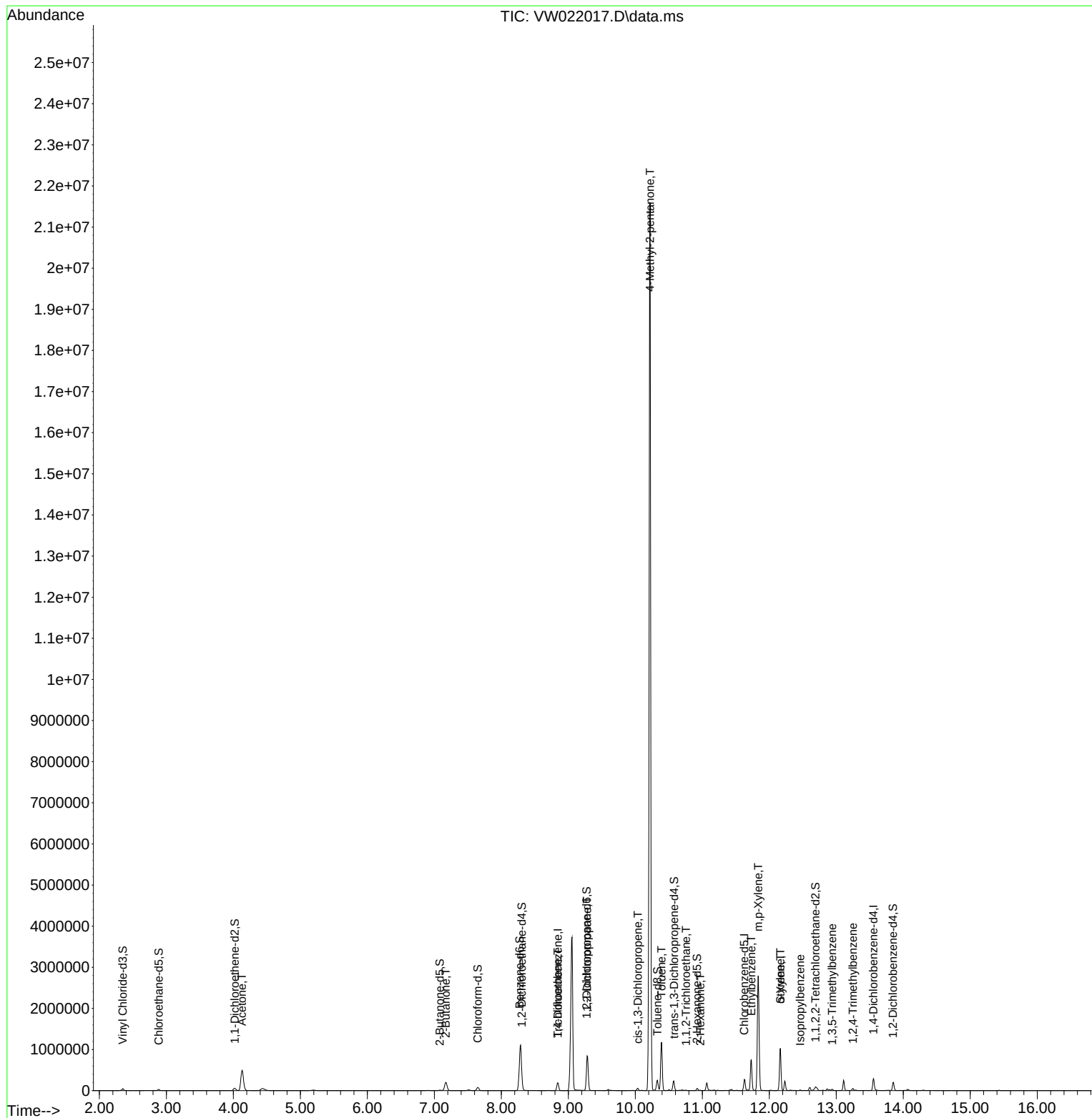
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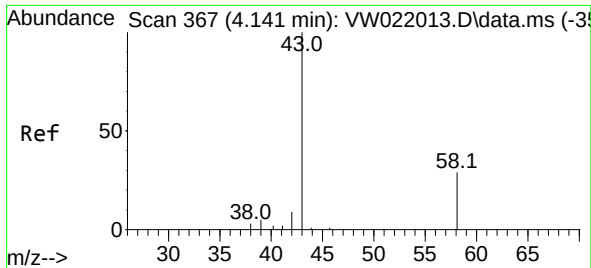
Instrument :
MSVOA_W
ClientSampleId :
C0VE6

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 02 01:06:57 2022
Response via : Initial Calibration





#13

Acetone

Concen: 2542.863 ug/L

RT: 4.129 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW022017.D

Acq: 01 Feb 2022 21:32

Instrument :

MSVOA_W

ClientSampleId :

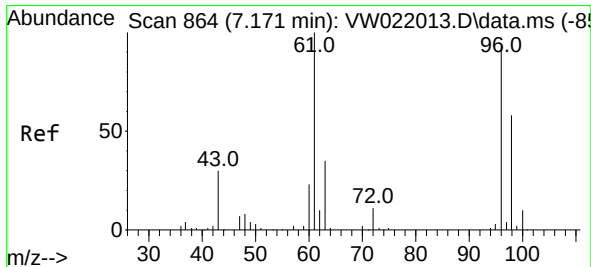
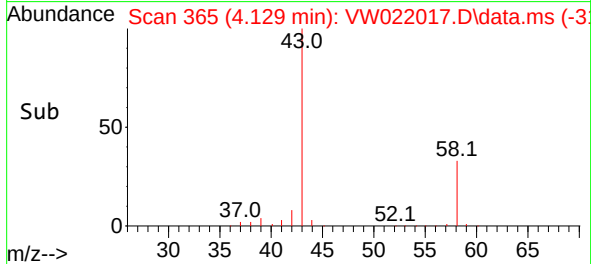
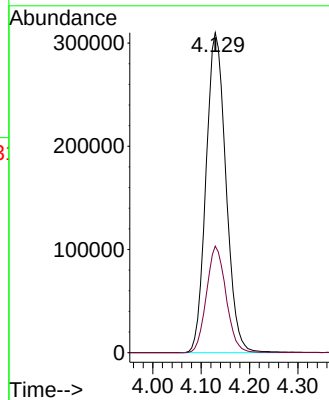
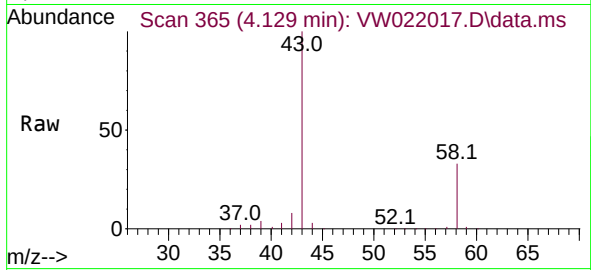
COVE6

Tgt Ion: 43 Resp: 886686

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.0



#22

2-Butanone

Concen: 704.729 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022017.D

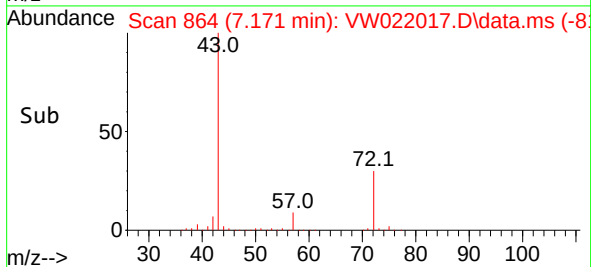
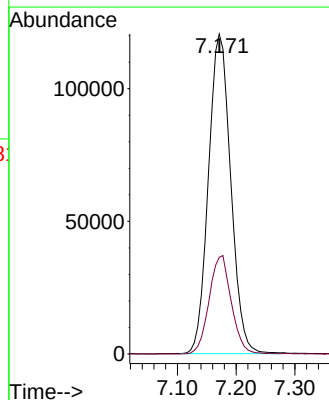
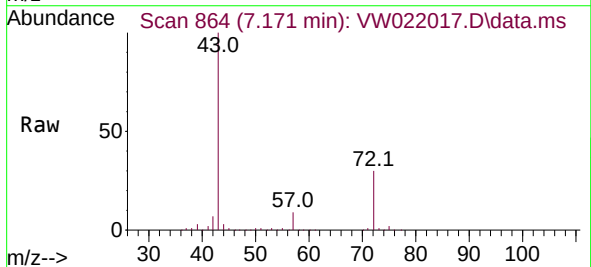
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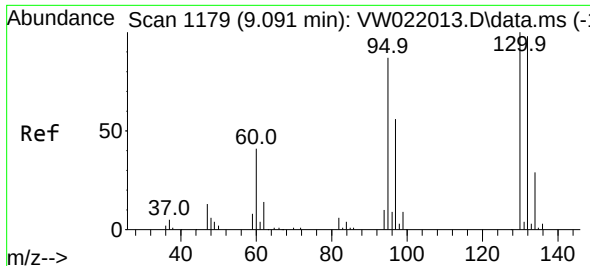
Tgt Ion: 43 Resp: 318164

Ion Ratio Lower Upper

43 100

72 30.5 16.8 50.4

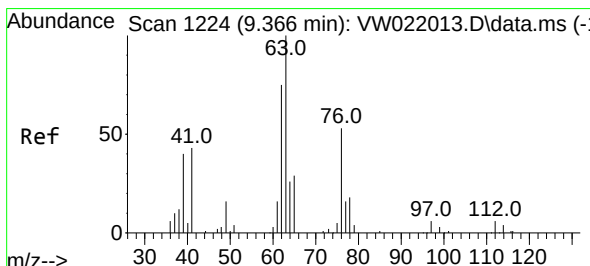
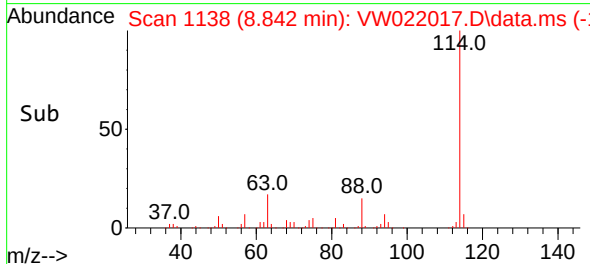
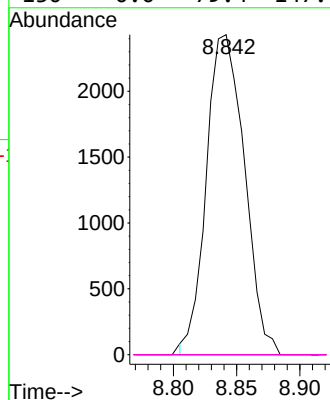
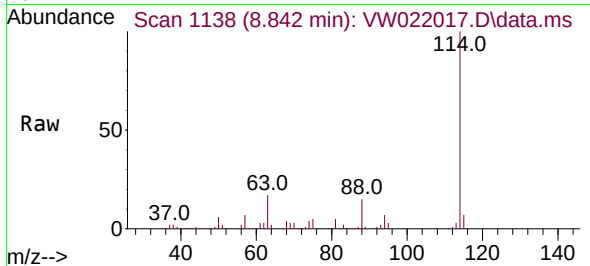




#34
Trichloroethene
Concen: 2.060 ug/L
RT: 8.842 min Scan# 1110
Delta R.T. -0.250 min
Lab File: VW022017.D
Acq: 01 Feb 2022 21:32

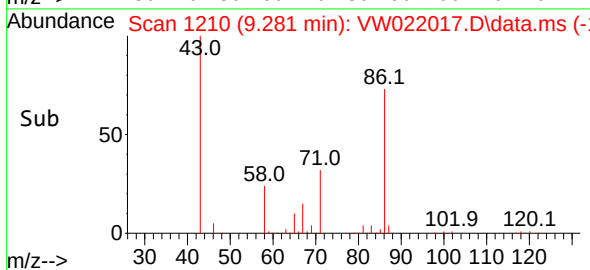
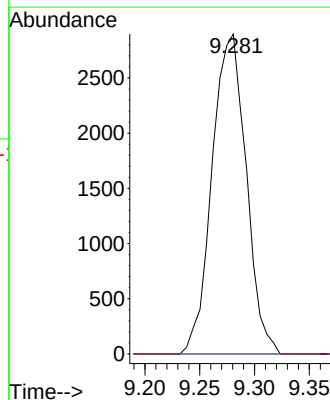
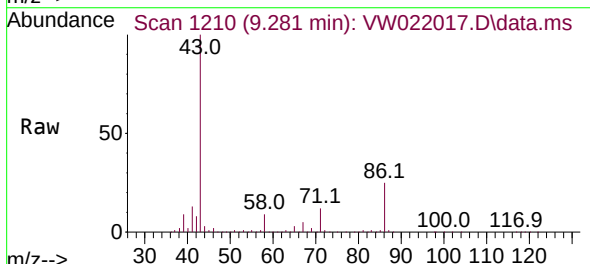
Instrument :
MSVOA_W
ClientSampleId :
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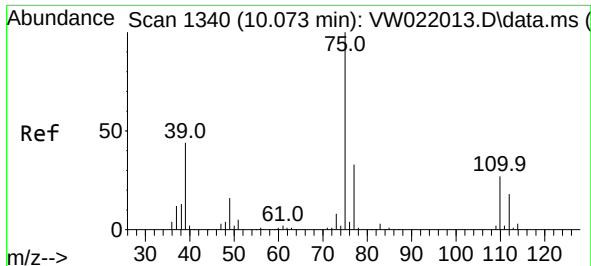
Tgt Ion: 95 Resp: 5078
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.7#
132 0.0 76.1 141.3#
130 0.0 79.4 147.4#



#37
1,2-Dichloropropane
Concen: 3.293 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.085 min
Lab File: VW022017.D
Acq: 01 Feb 2022 21:32

Tgt Ion: 63 Resp: 6272
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#

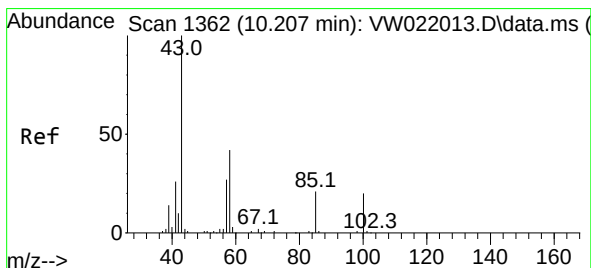
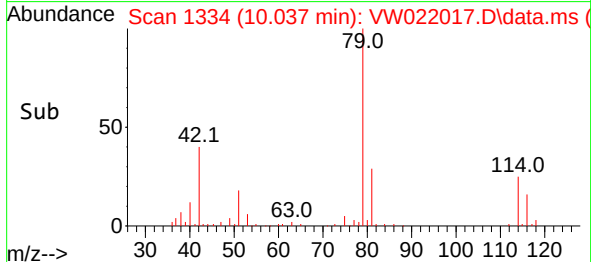
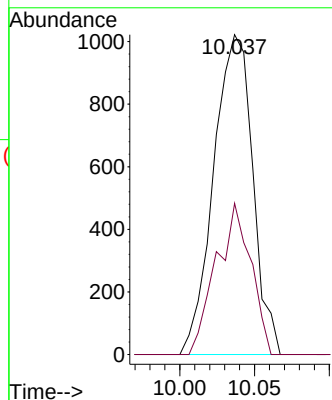
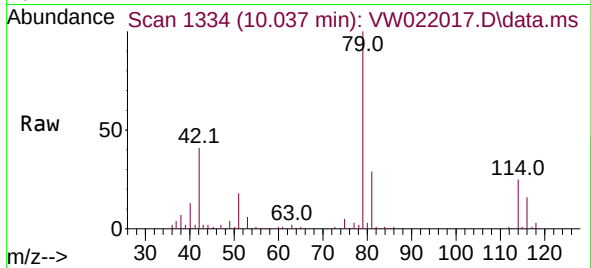




#39
 cis-1,3-Dichloropropene
 Concen: 0.609 ug/L
 RT: 10.037 min Scan# 11
 Delta R.T. -0.036 min
 Lab File: VW022017.D
 Acq: 01 Feb 2022 21:32

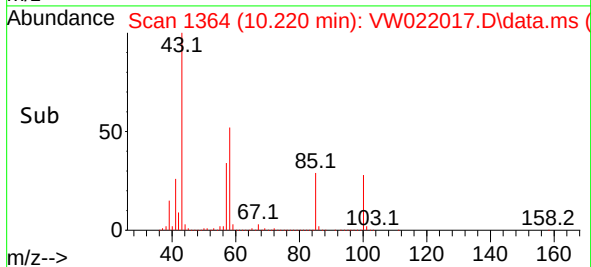
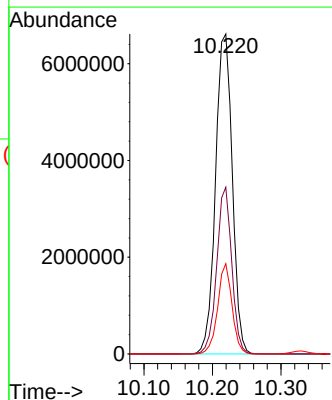
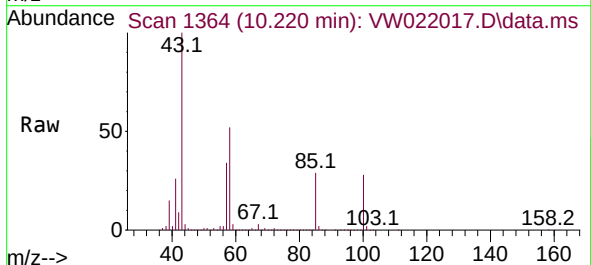
Instrument :
 MSVOA_W
 ClientSampleId :
 COVE6

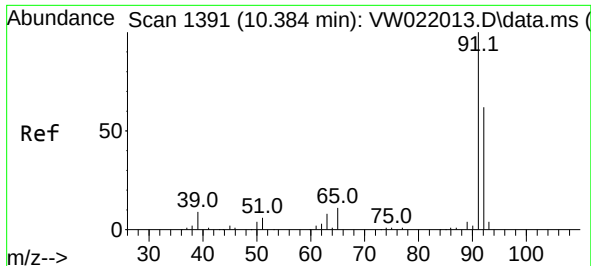
Tgt Ion: 75 Resp: 1859
 Ion Ratio Lower Upper
 75 100
 77 47.3 21.9 40.7#



#40
 4-Methyl-2-pentanone
 Concen: 12010.760 ug/L
 RT: 10.220 min Scan# 1364
 Delta R.T. 0.012 min
 Lab File: VW022017.D
 Acq: 01 Feb 2022 21:32

Tgt Ion: 43 Resp:11224198
 Ion Ratio Lower Upper
 43 100
 58 46.8 34.4 51.6
 100 24.2 17.0 25.4

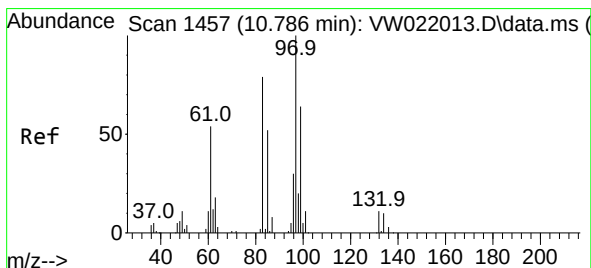
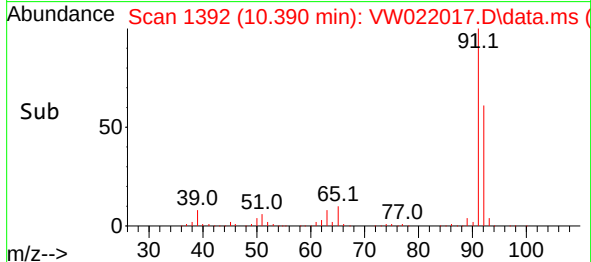
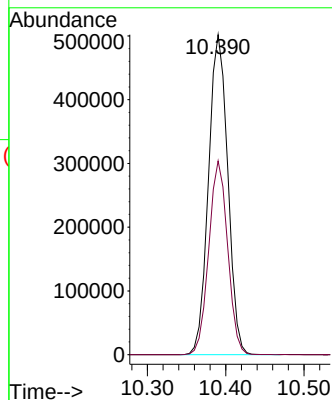
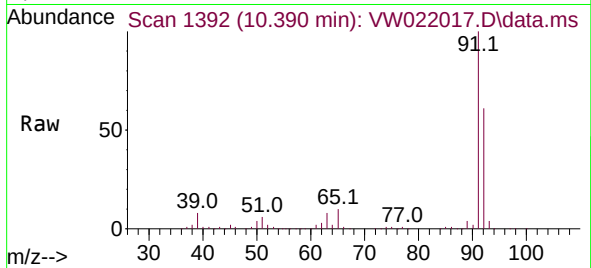




#42
Toluene
Concen: 87.107 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022017.D
Acq: 01 Feb 2022 21:32

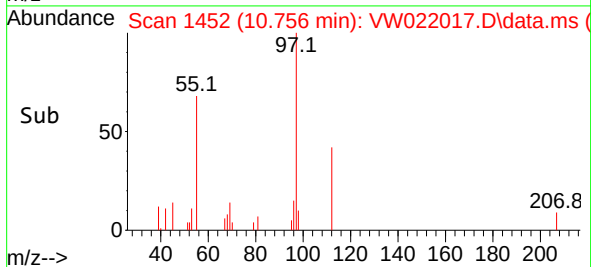
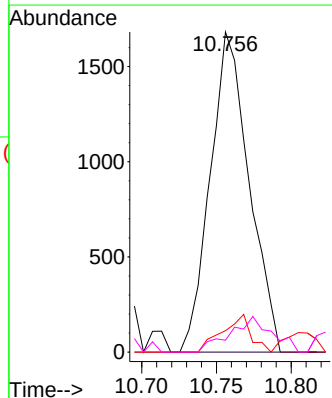
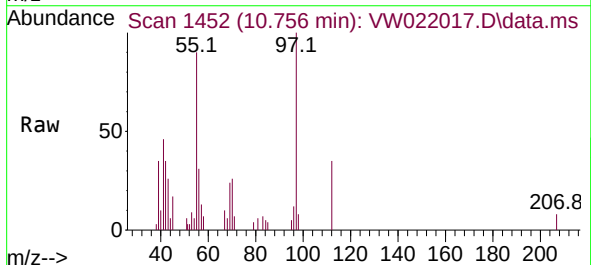
Instrument :
MSVOA_W
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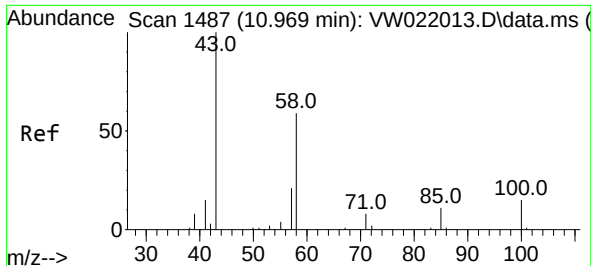
Tgt Ion: 91 Resp: 856286
Ion Ratio Lower Upper
91 100
92 60.6 42.6 79.2



#45
1,1,2-Trichloroethane
Concen: 1.877 ug/L
RT: 10.756 min Scan# 1452
Delta R.T. -0.030 min
Lab File: VW022017.D
Acq: 01 Feb 2022 21:32

Tgt Ion: 97 Resp: 3039
Ion Ratio Lower Upper
97 100
99 0.0 43.8 81.4#
83 6.7 56.1 104.3#
85 3.7 36.5 67.7#

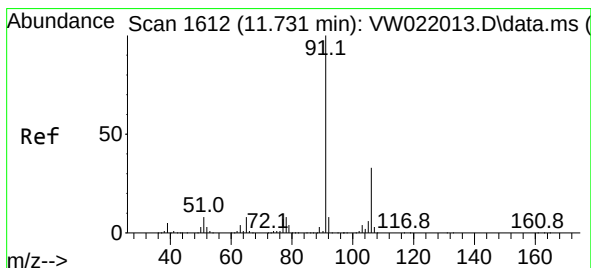
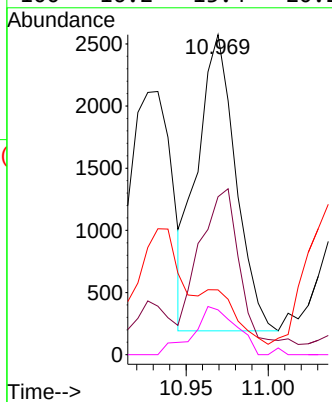
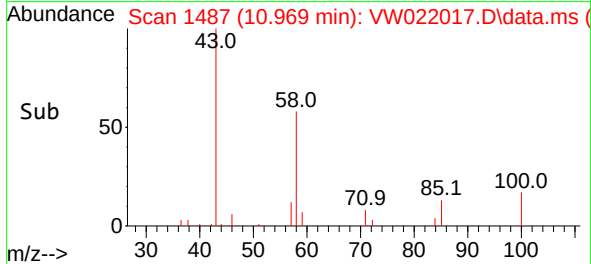
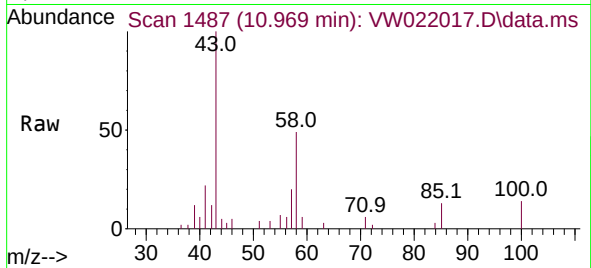




#48
2-Hexanone
Concen: 5.570 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022017.D
Acq: 01 Feb 2022 21:32

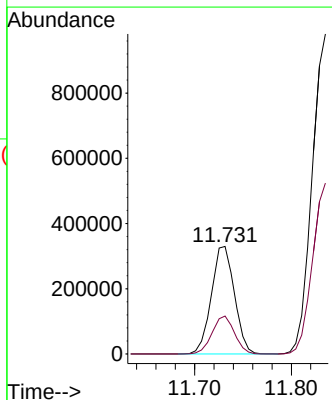
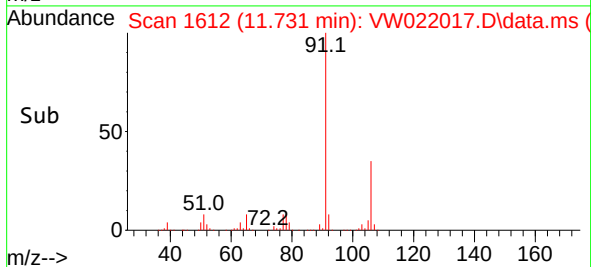
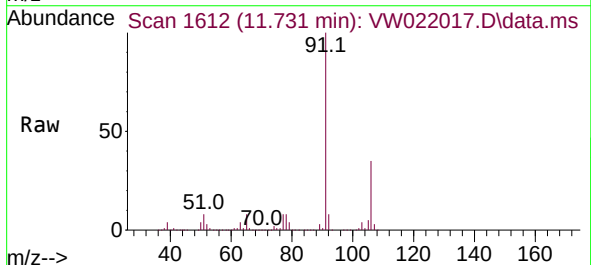
Instrument :
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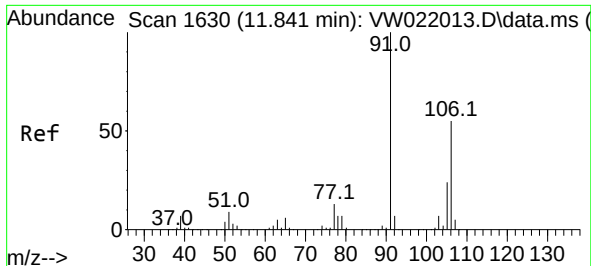
Tgt Ion: 43	Resp:	3874	
Ion	Ratio	Lower	Upper
43	100		
58	60.5	49.2	73.8
57	0.0	16.6	24.8#
100	16.2	13.4	20.2



#52
Ethylbenzene
Concen: 50.376 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022017.D
Acq: 01 Feb 2022 21:32

Tgt Ion: 91	Resp: 546391
Ion Ratio	Lower Upper
91 100	
106 35.4	22.8 42.4

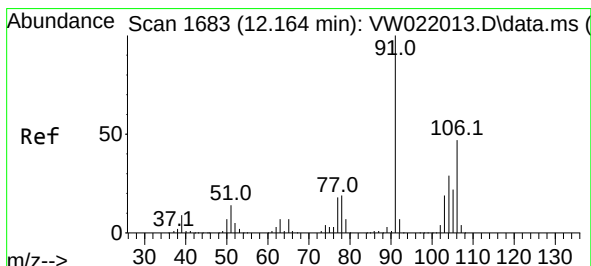
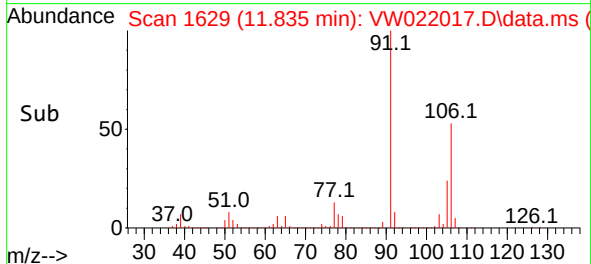
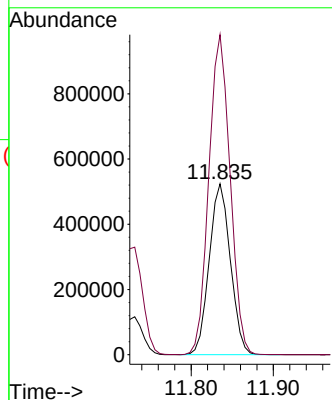
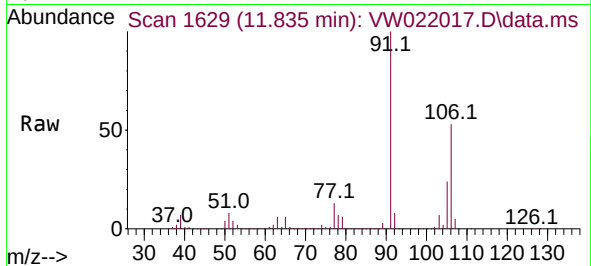




#53
m,p-Xylene
Concen: 207.828 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022017.D
Acq: 01 Feb 2022 21:32

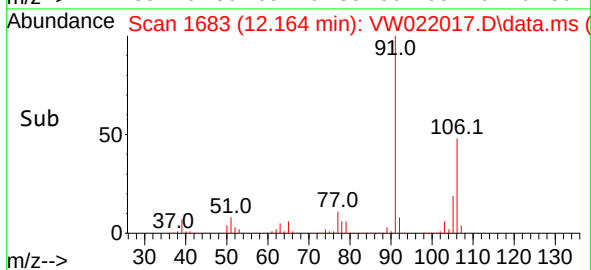
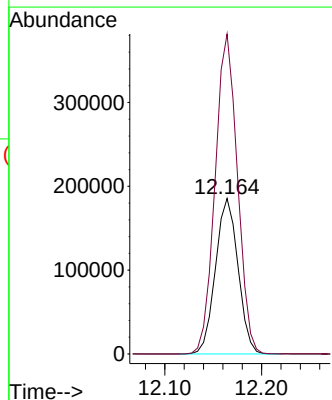
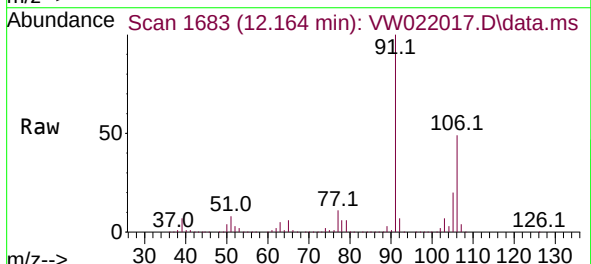
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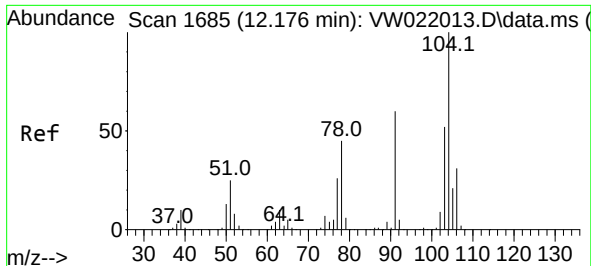
Tgt Ion:106 Resp: 935240
Ion Ratio Lower Upper
106 100
91 187.3 129.6 240.8



#54
o-Xylene
Concen: 71.132 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022017.D
Acq: 01 Feb 2022 21:32

Tgt Ion:106 Resp: 299438
Ion Ratio Lower Upper
106 100
91 205.8 136.4 253.4

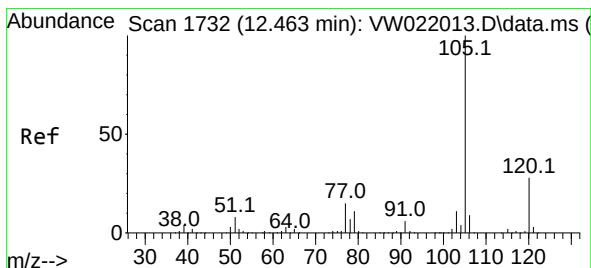
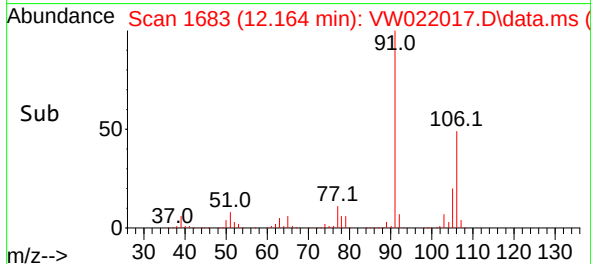
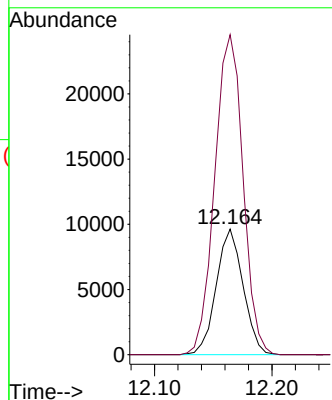
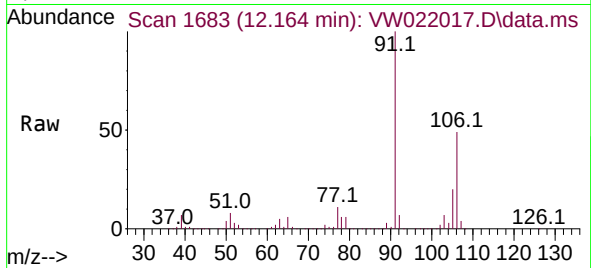




#55
Styrene
Concen: 2.254 ug/L
RT: 12.164 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW022017.D
Acq: 01 Feb 2022 21:32

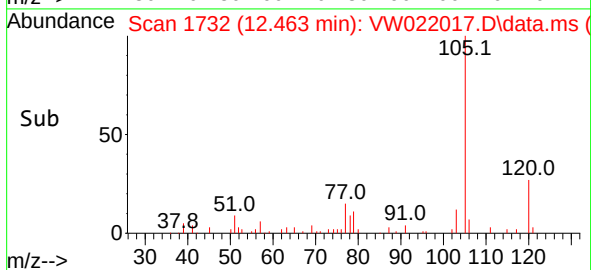
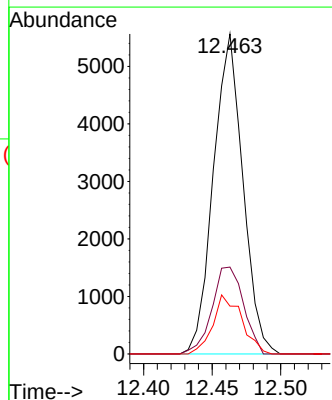
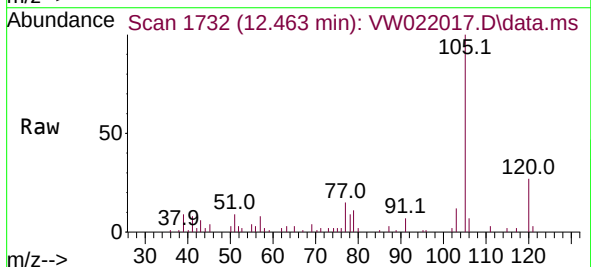
Instrument :
MSVOA_W
ClientSampleId :
COVE6

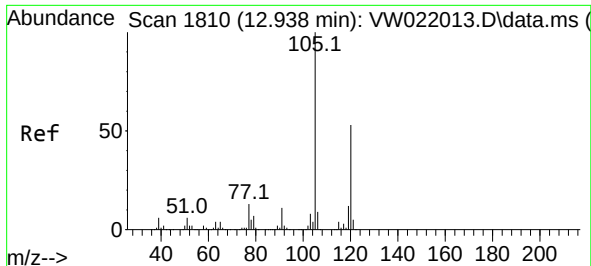
Tgt Ion:104 Resp: 15325
Ion Ratio Lower Upper
104 100
78 254.9 30.9 57.5#



#60
Isopropylbenzene
Concen: 0.757 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022017.D
Acq: 01 Feb 2022 21:32

Tgt Ion:105 Resp: 8319
Ion Ratio Lower Upper
105 100
120 29.1 22.1 33.1
77 18.1 11.8 17.8#





#62

1,3,5-Trimethylbenzene

Concen: 1.760 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022017.D

Acq: 01 Feb 2022 21:32

Instrument :

MSVOA_W

ClientSampleId :

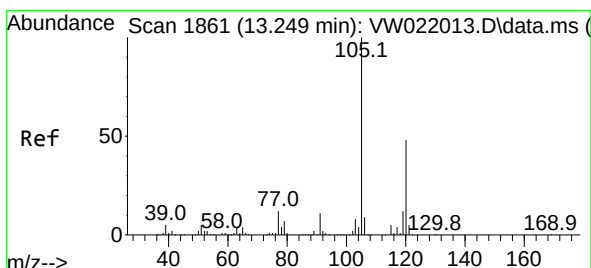
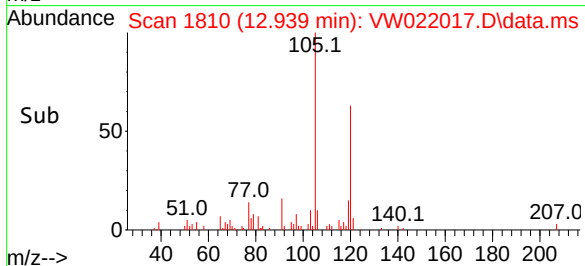
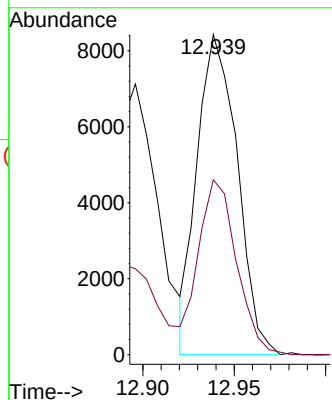
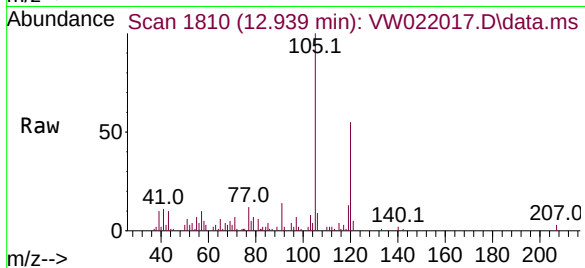
COVE6

Tgt Ion:105 Resp: 12830

Ion Ratio Lower Upper

105 100

120 51.9 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 3.224 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022017.D

Acq: 01 Feb 2022 21:32

Tgt Ion:105 Resp: 28627

Ion Ratio Lower Upper

105 100

120 49.0 37.8 56.8

