

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022018.D
 Acq On : 01 Feb 2022 21:56
 Operator : SY/VA
 Sample : N1353-07
 Misc : 5.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COVE8

Quant Time: Feb 02 01:17:43 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	146126	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	130529	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	58839	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40824	23.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.760%
7) Chloroethane-d5	2.885	69	26941	19.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	4.019	63	52051	16.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.960%
21) 2-Butanone-d5	7.080	46	17850	57.175	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.360%
24) Chloroform-d	7.647	84	71030	20.893	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.560%
26) 1,2-Dichloroethane-d4	8.305	65	39636	23.433	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.720%
32) Benzene-d6	8.275	84	146630	22.229	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.920%
36) 1,2-Dichloropropane-d6	9.274	67	39513	22.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.080%
41) Toluene-d8	10.323	98	142999	21.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.480%
43) trans-1,3-Dichloroprop...	10.579	79	17234	21.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.720%
47) 2-Hexanone-d5	10.920	63	16727	64.125	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.240%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	35854	24.502	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	44324	20.882	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.520%
Target Compounds						Qvalue
13) Acetone	4.135	43	15010	51.480	ug/L	78
22) 2-Butanone	7.177	43	5427	14.376	ug/L	98
34) Trichloroethene	8.848	95	3991	2.051	ug/L #	1
37) 1,2-Dichloropropane	9.274	63	4435	2.951	ug/L #	82
39) cis-1,3-Dichloropropene	10.036	75	1428	0.592	ug/L #	53
40) 4-Methyl-2-pentanone	10.207	43	532798	722.461	ug/L	99
42) Toluene	10.390	91	110286	14.217	ug/L	99
45) 1,1,2-Trichloroethane	10.762	97	1934	1.514	ug/L #	24
52) Ethylbenzene	11.731	91	182399	21.310	ug/L	97
53) m,p-Xylene	11.835	106	440426	124.020	ug/L	92
54) o-Xylene	12.164	106	161467	48.605	ug/L	99
55) Styrene	12.164	104	8129	1.515	ug/L #	1
60) Isopropylbenzene	12.463	105	9483	1.234	ug/L	96
61) 1,2,3-Trichloropropane	12.597	75	628	0.733	ug/L #	79
62) 1,3,5-Trimethylbenzene	12.944	105	15492	3.039	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	25691	4.136	ug/L	98

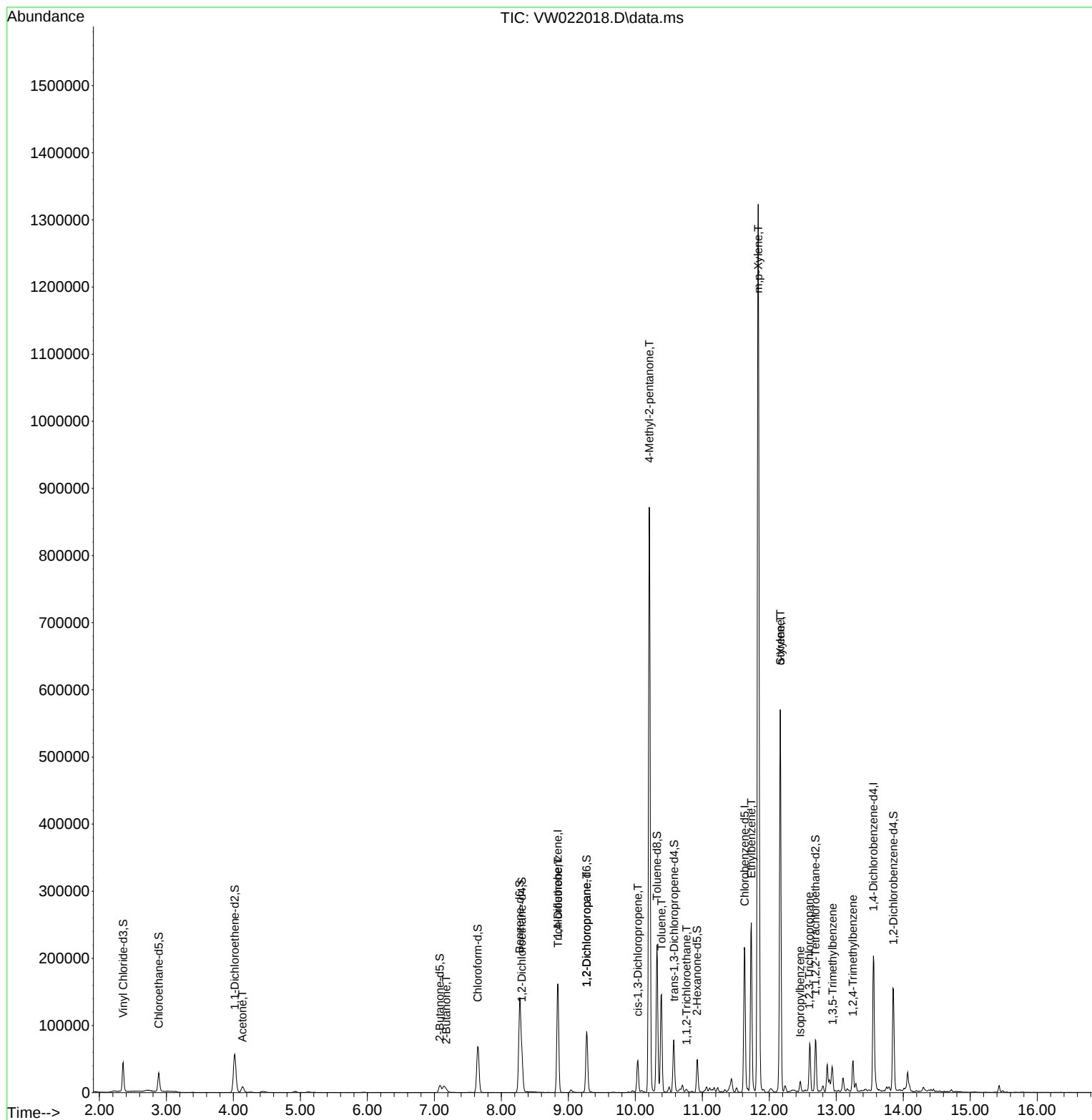
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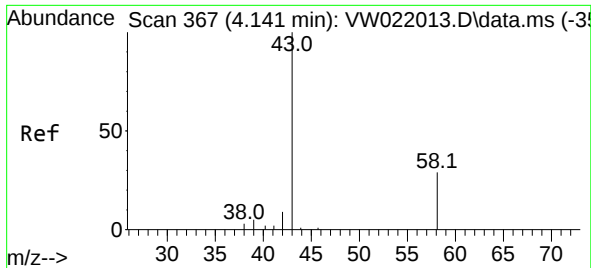
Instrument :
MSVOA_W
ClientSampleId :
C0VE8

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
Data File : VW022018.D
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Quant Time: Feb 02 01:17:43 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





#13

Acetone

Concen: 51.480 ug/L

RT: 4.135 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW022018.D

Acq: 01 Feb 2022 21:56

Instrument :

MSVOA_W

ClientSampleId :

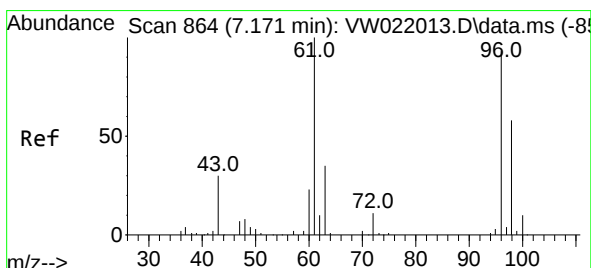
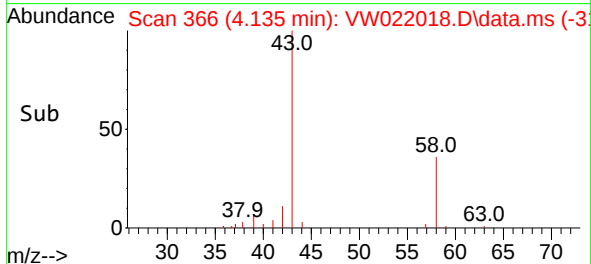
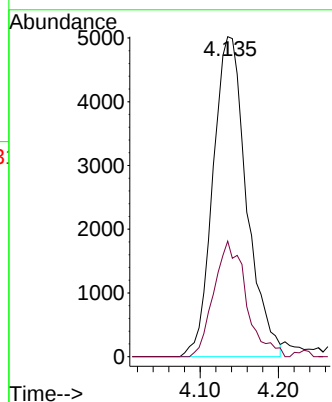
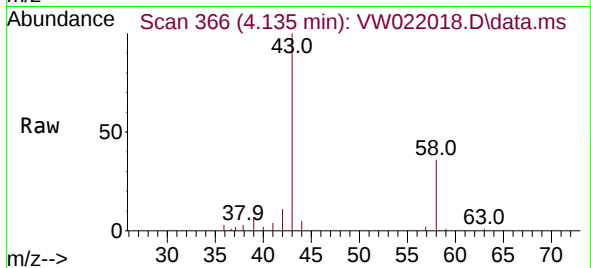
COVE8

Tgt Ion: 43 Resp: 15010

Ion Ratio Lower Upper

43 100

58 20.8 0.0 66.0



#22

2-Butanone

Concen: 14.376 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW022018.D

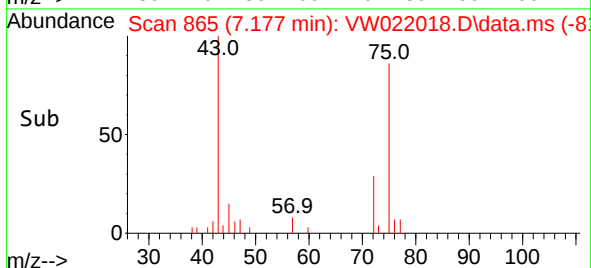
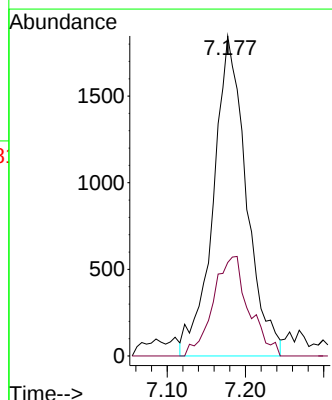
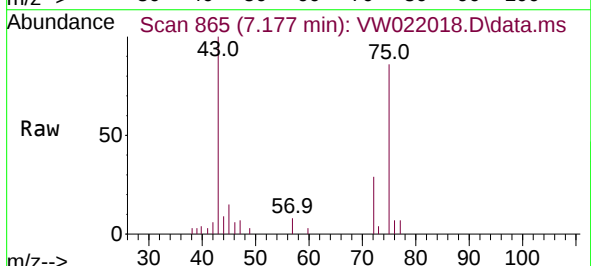
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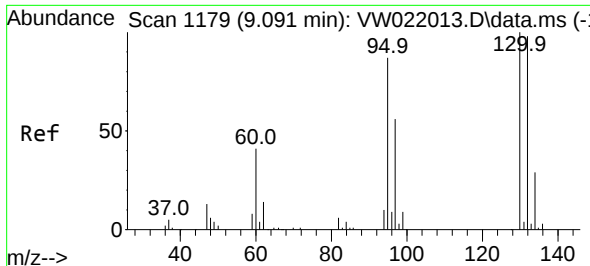
Tgt Ion: 43 Resp: 5427

Ion Ratio Lower Upper

43 100

72 32.3 16.8 50.4

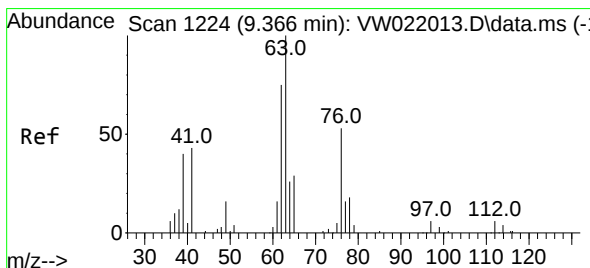
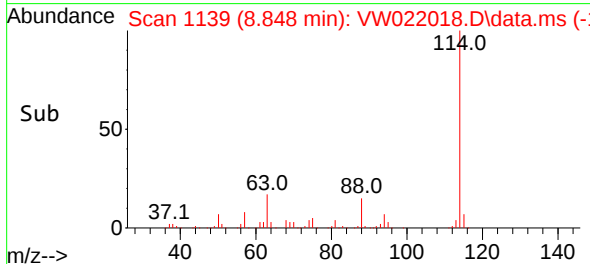
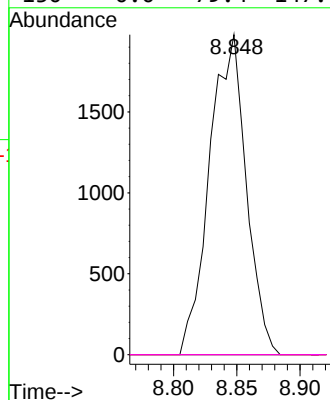
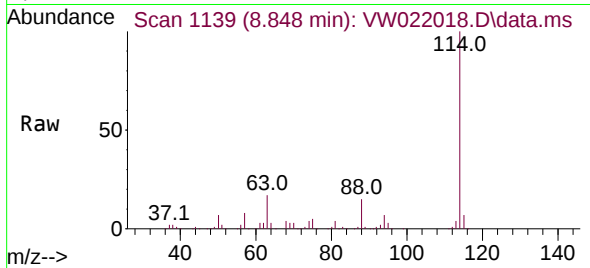




#34
Trichloroethene
Concen: 2.051 ug/L
RT: 8.848 min Scan# 1179
Delta R.T. -0.244 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

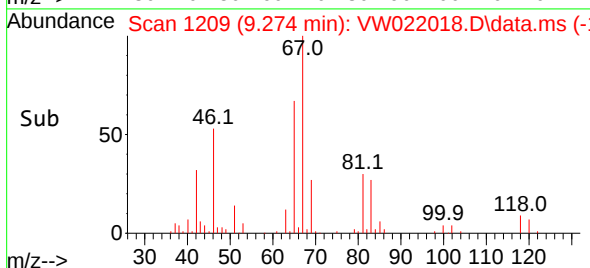
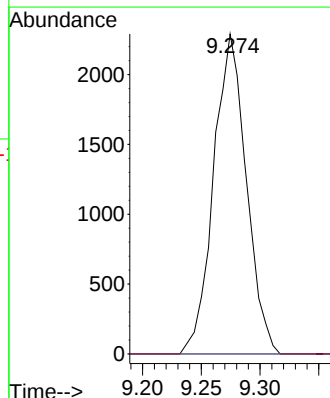
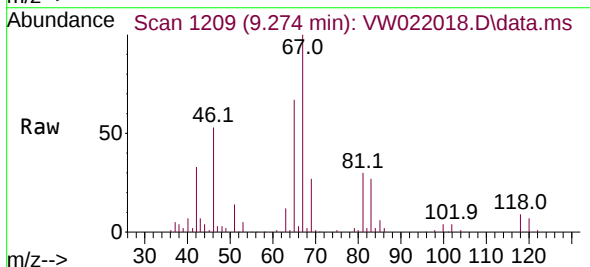
Instrument :
MSVOA_W
ClientSampleId :
COVE8

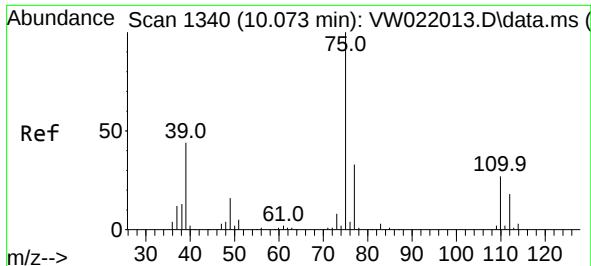
Tgt Ion: 95 Resp: 3991
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.7#
132 0.0 76.1 141.3#
130 0.0 79.4 147.4#



#37
1,2-Dichloropropane
Concen: 2.951 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

Tgt Ion: 63 Resp: 4435
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#





#39

cis-1,3-Dichloropropene

Concen: 0.592 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW022018.D

Acq: 01 Feb 2022 21:56

Instrument :

MSVOA_W

ClientSampleId :

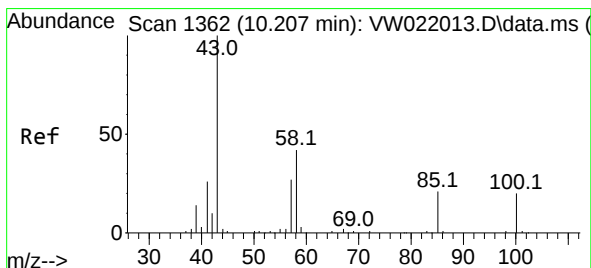
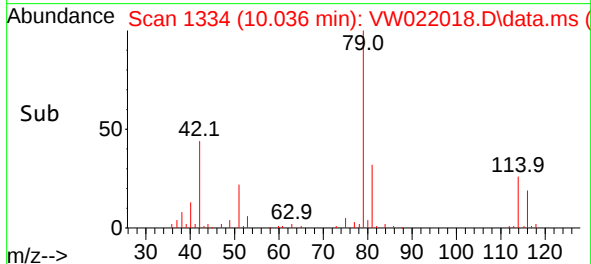
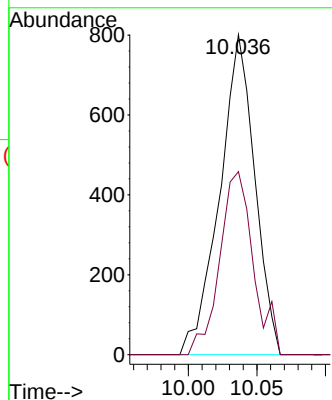
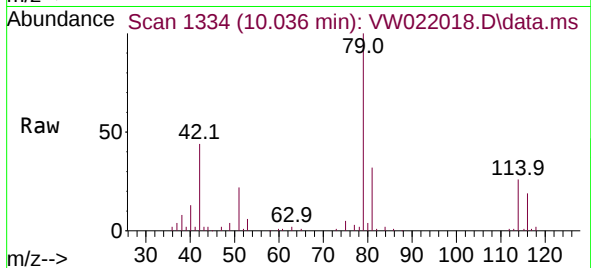
COVE8

Tgt Ion: 75 Resp: 1428

Ion Ratio Lower Upper

75 100

77 57.2 21.9 40.7#



#40

4-Methyl-2-pentanone

Concen: 722.461 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022018.D

Acq: 01 Feb 2022 21:56

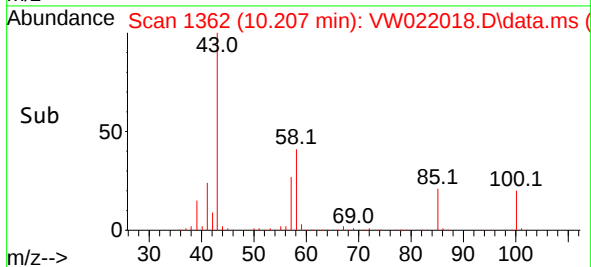
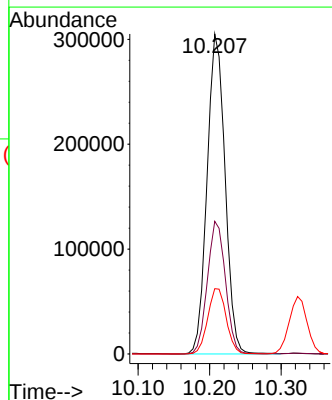
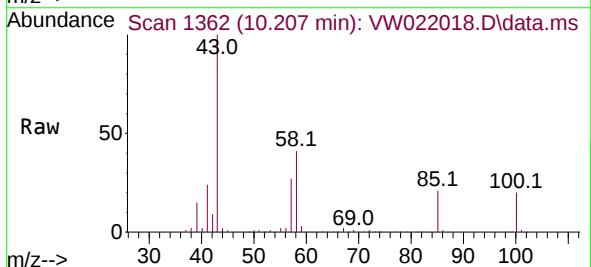
Tgt Ion: 43 Resp: 532798

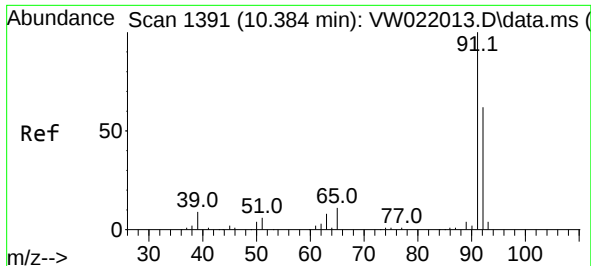
Ion Ratio Lower Upper

43 100

58 41.8 34.4 51.6

100 21.1 17.0 25.4

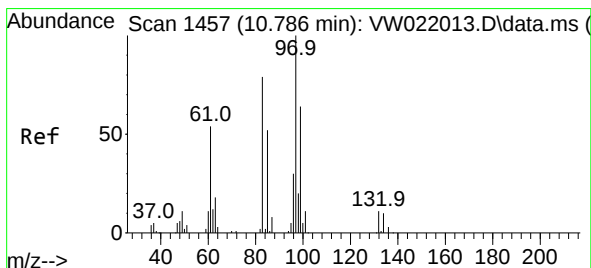
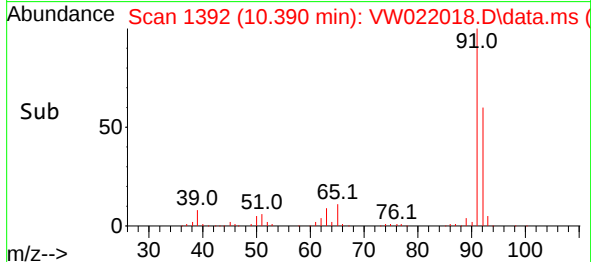
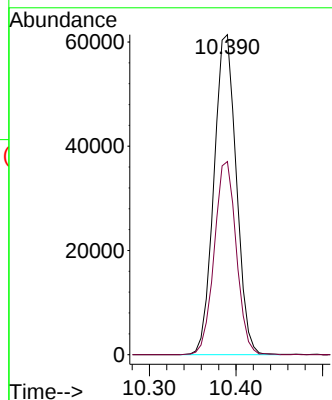
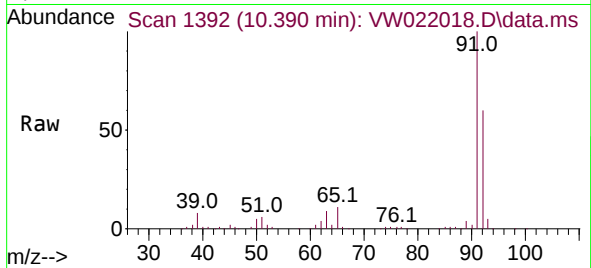




#42
Toluene
Concen: 14.217 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

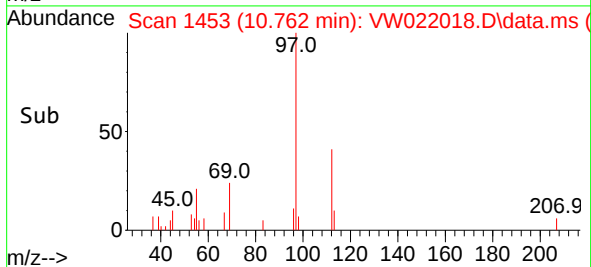
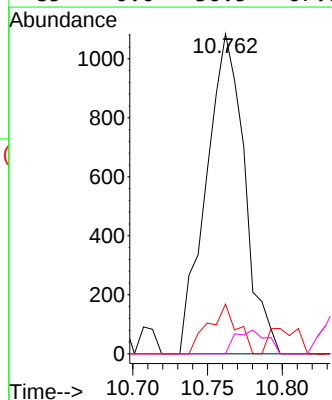
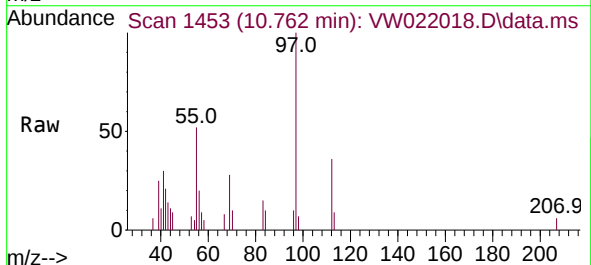
Instrument :
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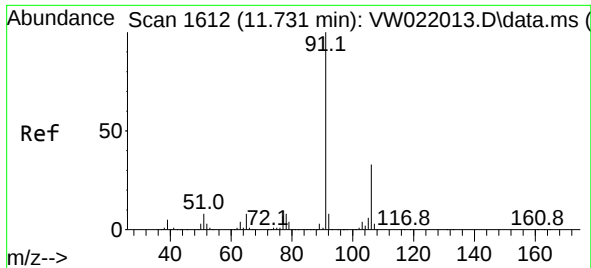
Tgt Ion: 91 Resp: 110286
Ion Ratio Lower Upper
91 100
92 60.4 42.6 79.2



#45
1,1,2-Trichloroethane
Concen: 1.514 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

Tgt Ion: 97 Resp: 1934
Ion Ratio Lower Upper
97 100
99 0.0 43.8 81.4#
83 15.5 56.1 104.3#
85 0.0 36.5 67.7#

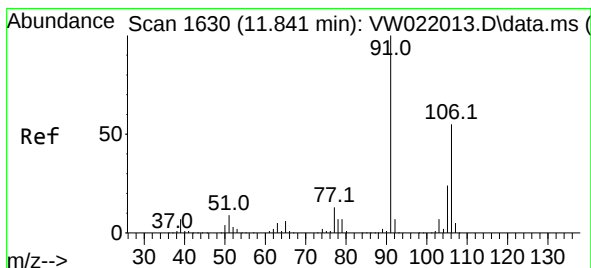
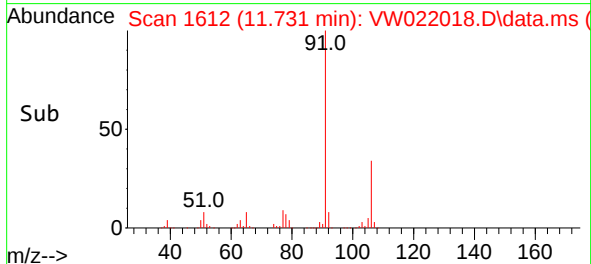
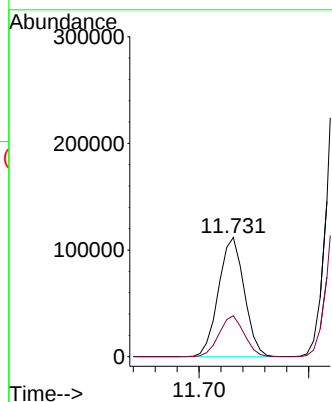
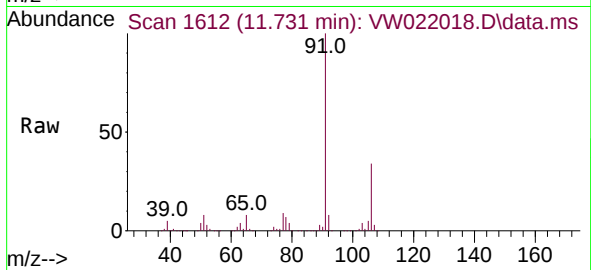




#52
Ethylbenzene
Concen: 21.310 ug/L
RT: 11.731 min Scan# 11629
Delta R.T. 0.000 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

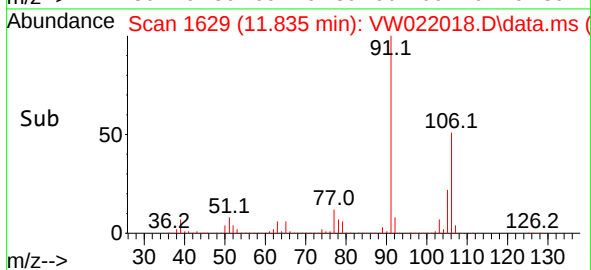
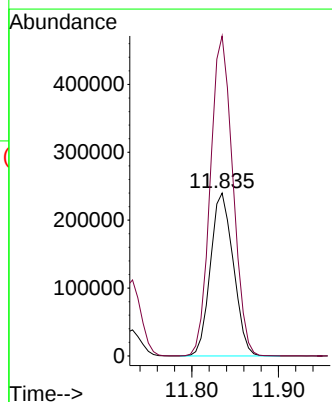
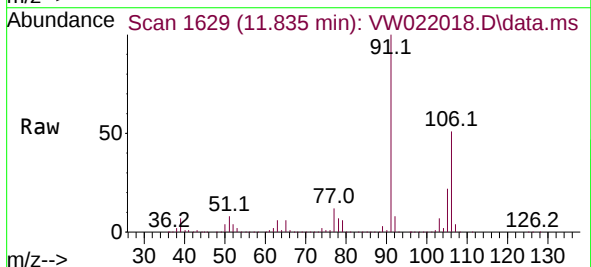
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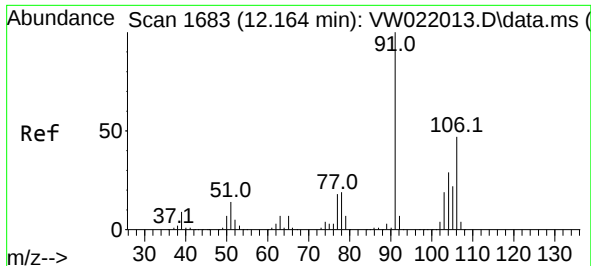
Tgt Ion: 91 Resp: 182399
Ion Ratio Lower Upper
91 100
106 34.3 22.8 42.4



#53
m,p-Xylene
Concen: 124.020 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

Tgt Ion:106 Resp: 440426
Ion Ratio Lower Upper
106 100
91 196.5 129.6 240.8

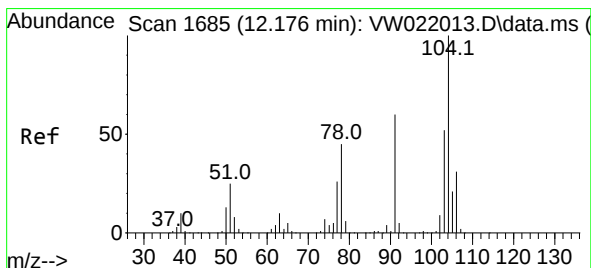
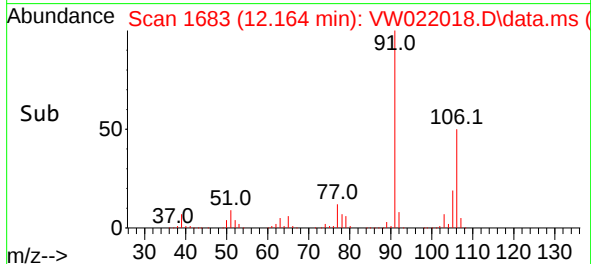
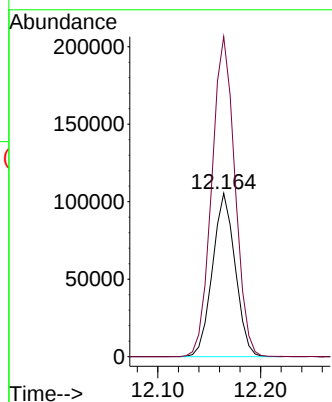
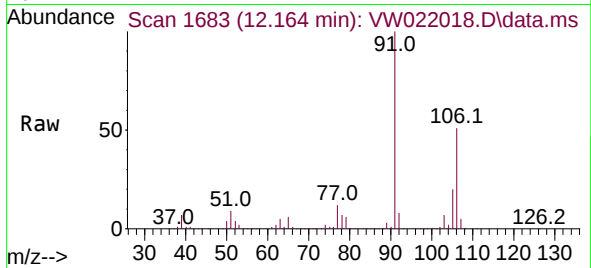




#54
o-Xylene
Concen: 48.605 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

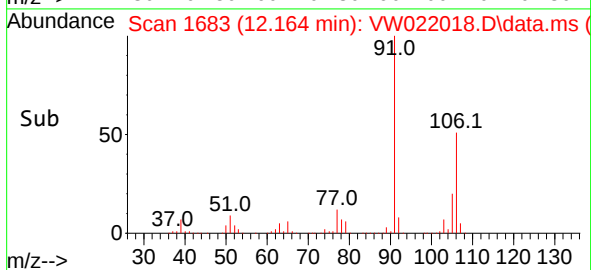
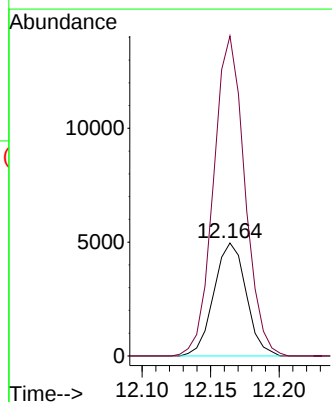
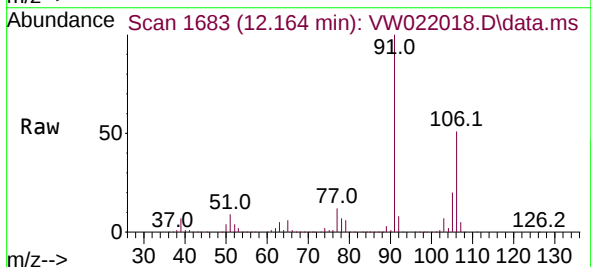
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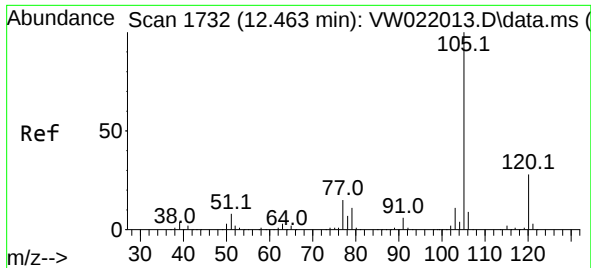
Tgt Ion:106 Resp: 161467
Ion Ratio Lower Upper
106 100
91 195.9 136.4 253.4



#55
Styrene
Concen: 1.515 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.012 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

Tgt Ion:104 Resp: 8129
Ion Ratio Lower Upper
104 100
78 283.2 30.9 57.5#

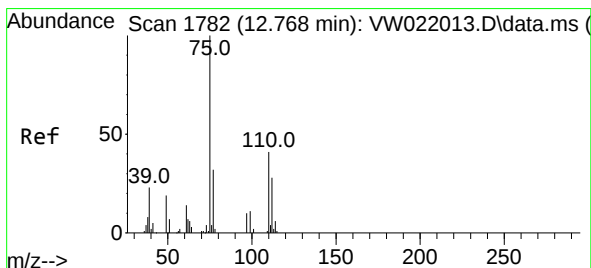
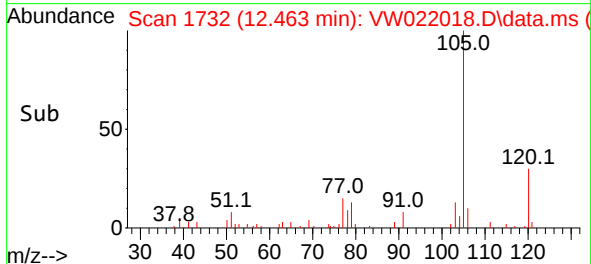
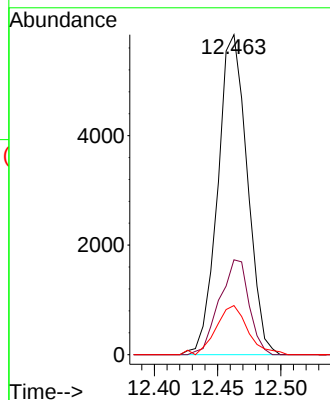
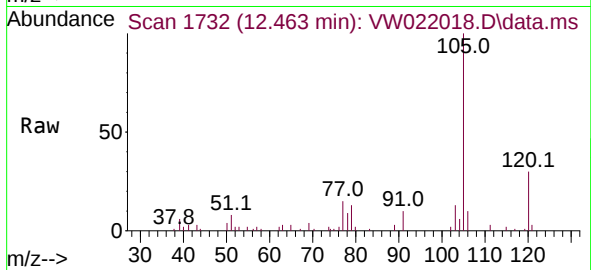




#60
Isopropylbenzene
Concen: 1.234 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

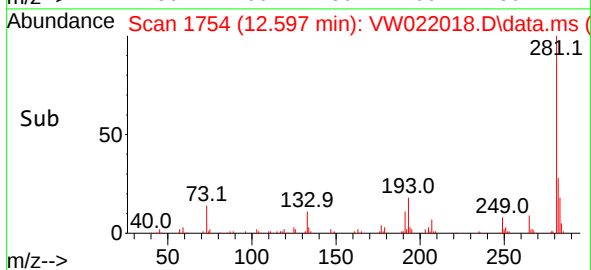
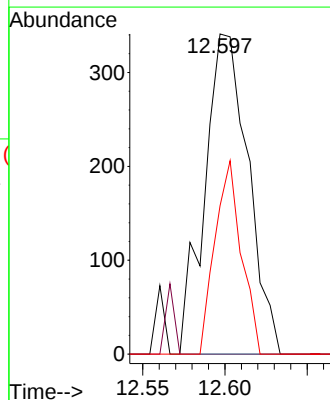
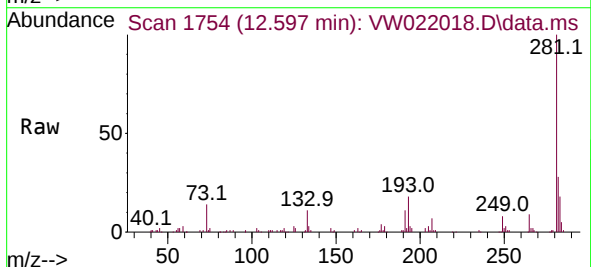
Instrument :
MSVOA_W
ClientSampleId :
COVE8

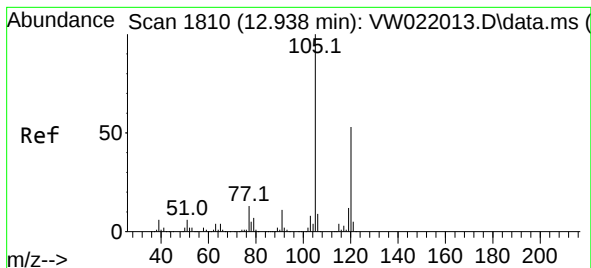
Tgt Ion:105 Resp: 9483
Ion Ratio Lower Upper
105 100
120 29.7 22.1 33.1
77 16.3 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 0.733 ug/L
RT: 12.597 min Scan# 1754
Delta R.T. -0.171 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

Tgt Ion: 75 Resp: 628
Ion Ratio Lower Upper
75 100
77 52.4 27.3 40.9#
110 36.6 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 3.039 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW022018.D

Acq: 01 Feb 2022 21:56

Instrument :

MSVOA_W

ClientSampleId :

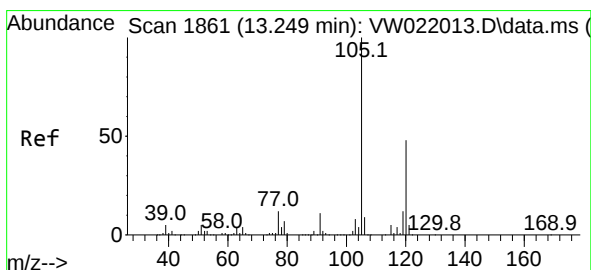
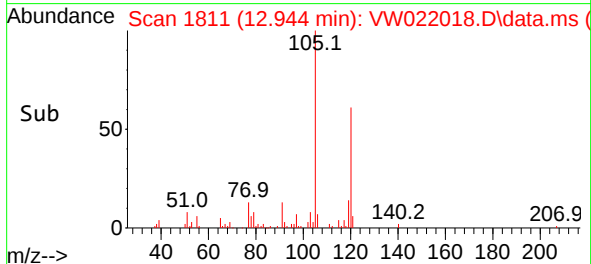
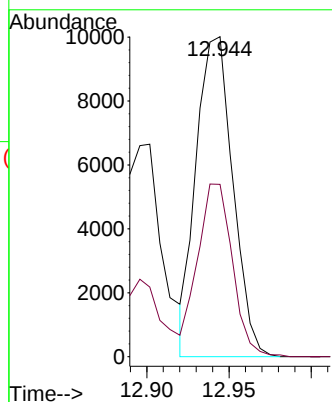
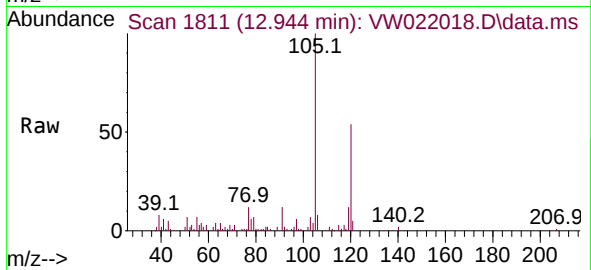
COVE8

Tgt Ion:105 Resp: 15492

Ion Ratio Lower Upper

105 100

120 51.3 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 4.136 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022018.D

Acq: 01 Feb 2022 21:56

Tgt Ion:105 Resp: 25691

Ion Ratio Lower Upper

105 100

120 46.1 37.8 56.8

