

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022021.D
 Acq On : 01 Feb 2022 23:08
 Operator : SY/VA
 Sample : N1353-11
 Misc : 4.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0VF4

Quant Time: Feb 02 01:18:31 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)

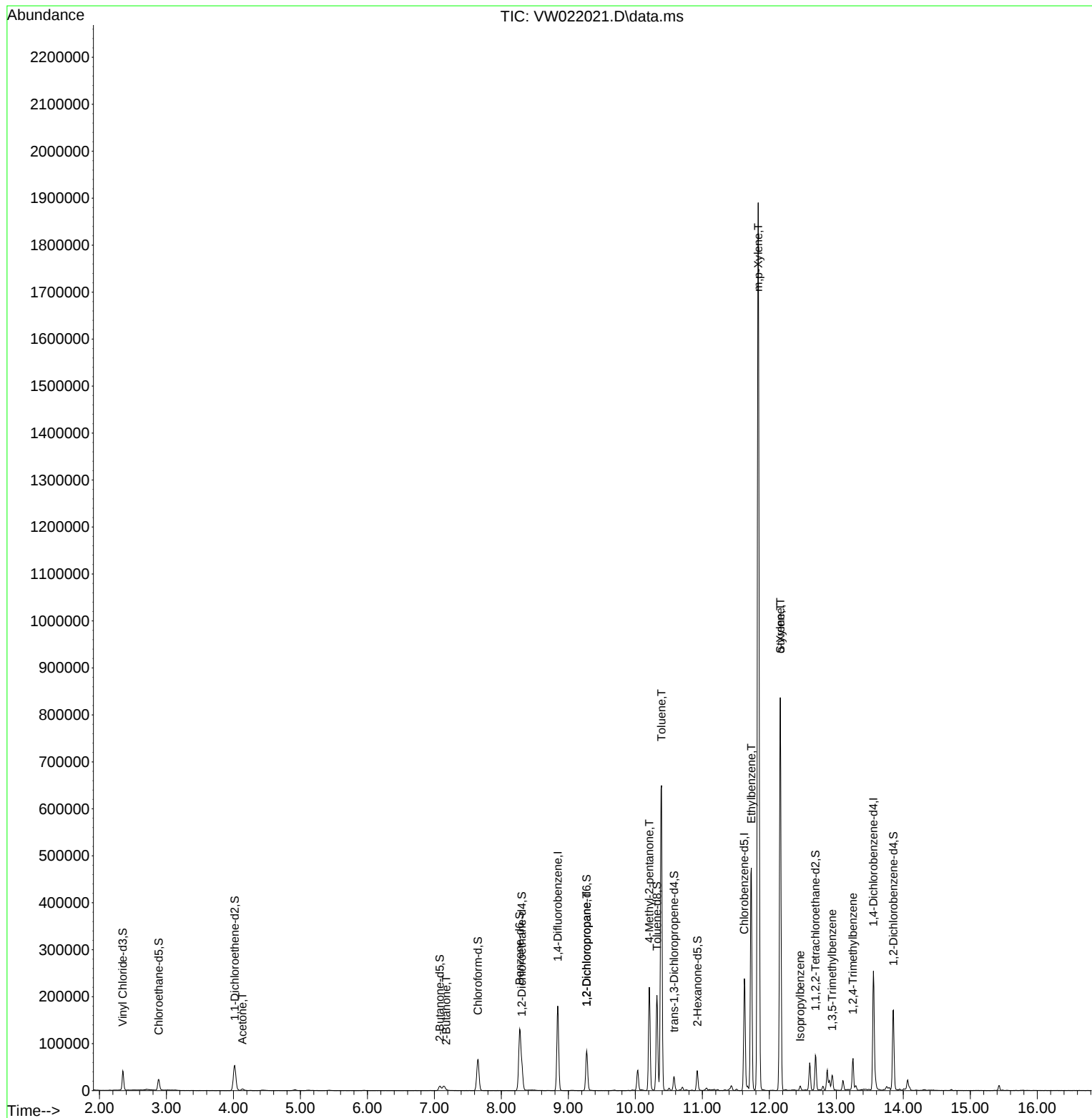
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	158235	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	140894	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	69750	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	37577	19.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.880%
7) Chloroethane-d5	2.885	69	24056	16.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.560%
11) 1,1-Dichloroethene-d2	4.019	63	48502	14.403	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.600%
21) 2-Butanone-d5	7.080	46	15390	45.523	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.040%
24) Chloroform-d	7.653	84	66975	18.193	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.760%
26) 1,2-Dichloroethane-d4	8.305	65	37030	20.217	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.880%
32) Benzene-d6	8.275	84	138017	19.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.520%
36) 1,2-Dichloropropane-d6	9.274	67	37636	19.433	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.720%
41) Toluene-d8	10.323	98	135905	19.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.040%
43) trans-1,3-Dichloroprop...	10.579	79	15849	18.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.760%
47) 2-Hexanone-d5	10.927	63	14824	52.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.300%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33213	21.027	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	47421	18.846	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.400%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	6201	19.640	ug/L	68
22) 2-Butanone	7.177	43	846	2.070	ug/L #	68
37) 1,2-Dichloropropane	9.274	63	4555	2.807	ug/L #	82
40) 4-Methyl-2-pentanone	10.207	43	131463	165.147	ug/L	98
42) Toluene	10.390	91	492559	58.823	ug/L	98
52) Ethylbenzene	11.731	91	344063	37.240	ug/L	97
53) m,p-Xylene	11.835	106	628260	163.897	ug/L	96
54) o-Xylene	12.164	106	243734	67.972	ug/L	92
55) Styrene	12.164	104	12672	2.188	ug/L #	1
60) Isopropylbenzene	12.463	105	6111	0.671	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	15021	2.485	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	36733	4.988	ug/L	99

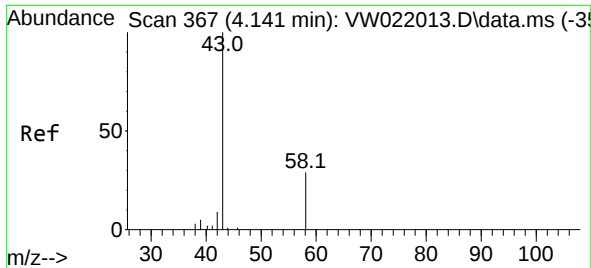
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Feb 02 01:06:57 2022
Response via : Initial Calibration





#13

Acetone

Concen: 19.640 ug/L

RT: 4.135 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW022021.D

Acq: 01 Feb 2022 23:08

Instrument :

MSVOA_W

ClientSampleId :

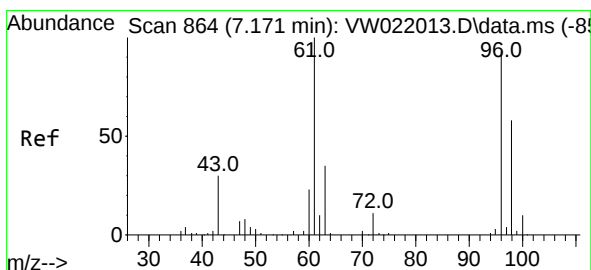
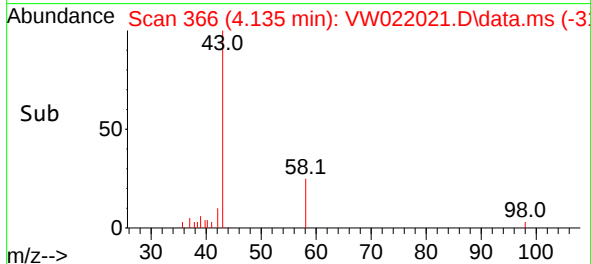
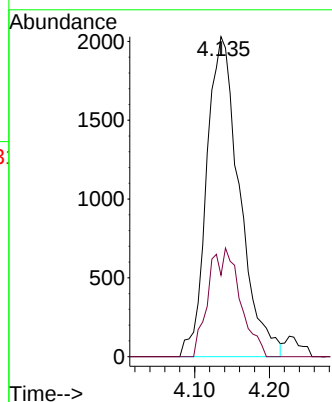
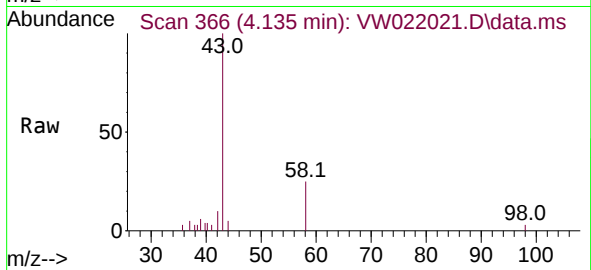
COVF4

Tgt Ion: 43 Resp: 6201

Ion Ratio Lower Upper

43 100

58 14.7 0.0 66.0



#22

2-Butanone

Concen: 2.070 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW022021.D

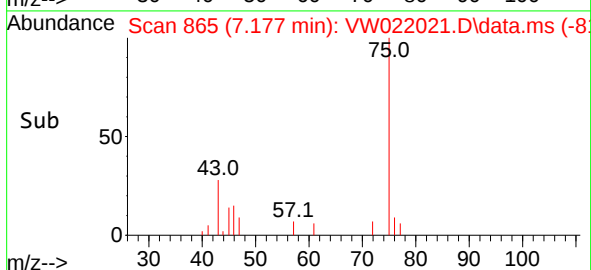
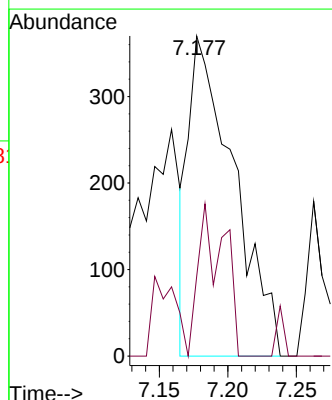
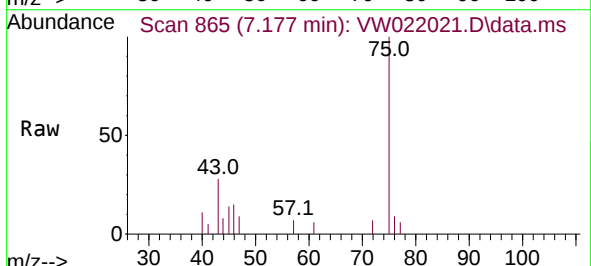
Acq: 01 Feb 2022 23:08

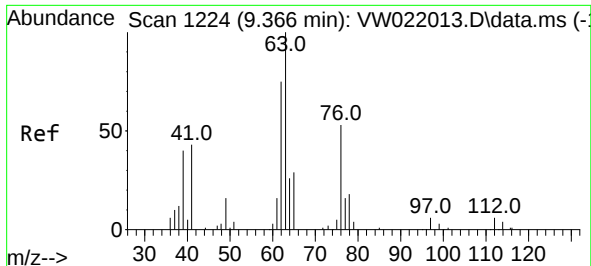
Tgt Ion: 43 Resp: 846

Ion Ratio Lower Upper

43 100

72 15.1 16.8 50.4#





#37

1,2-Dichloropropane

Concen: 2.807 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW022021.D

Acq: 01 Feb 2022 23:08

Instrument :

MSVOA_W

ClientSampleId :

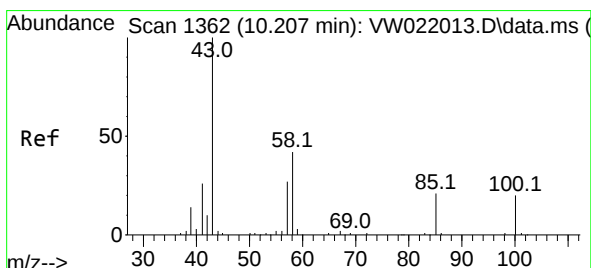
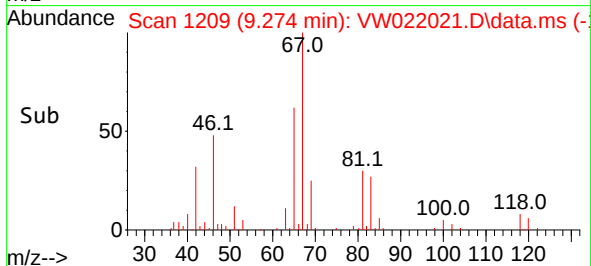
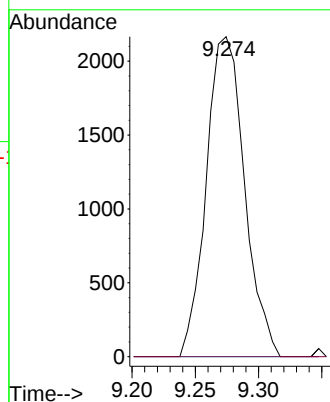
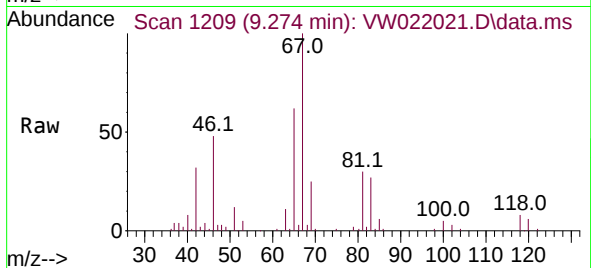
COVF4

Tgt Ion: 63 Resp: 4555

Ion Ratio Lower Upper

63 100

112 0.0 4.7 7.1#



#40

4-Methyl-2-pentanone

Concen: 165.147 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022021.D

Acq: 01 Feb 2022 23:08

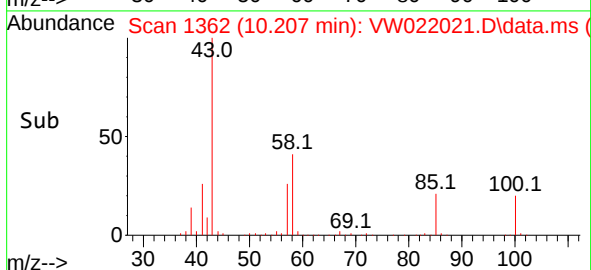
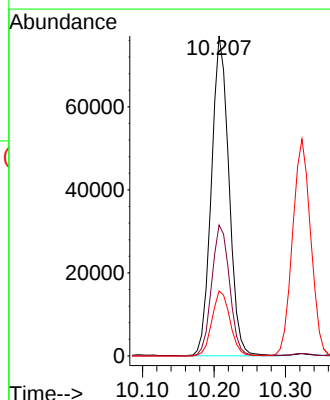
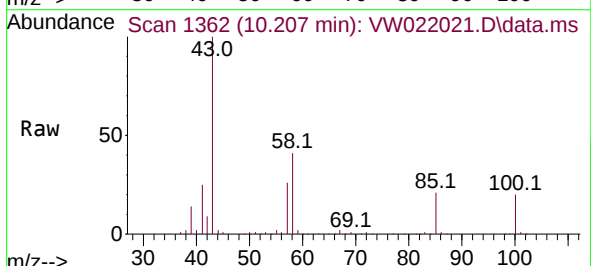
Tgt Ion: 43 Resp: 131463

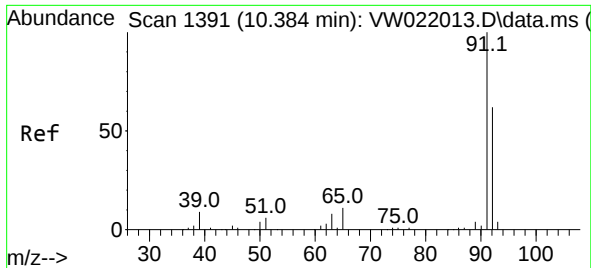
Ion Ratio Lower Upper

43 100

58 41.6 34.4 51.6

100 20.9 17.0 25.4

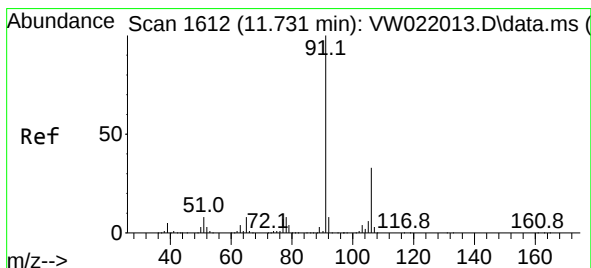
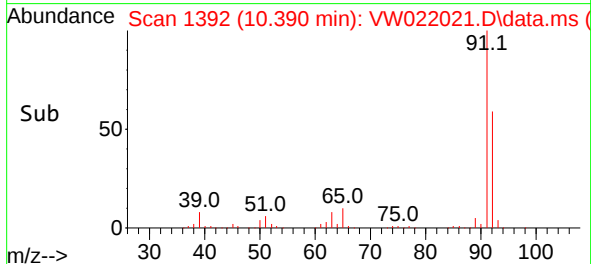
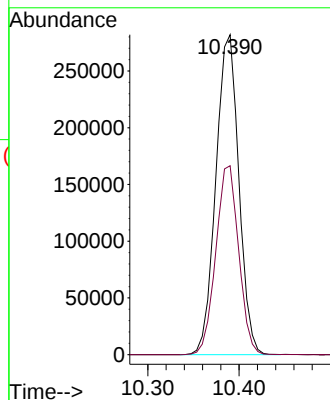
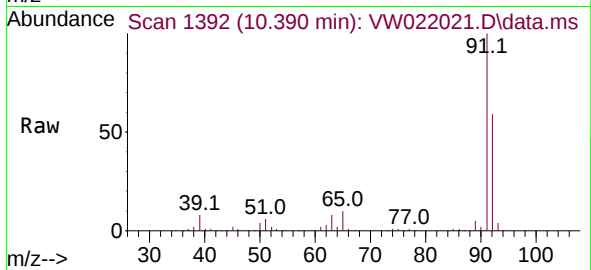




#42
Toluene
Concen: 58.823 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

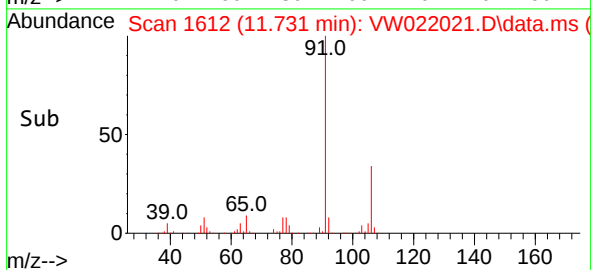
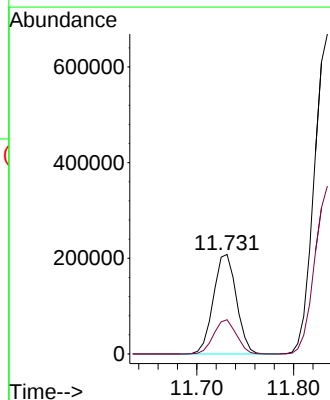
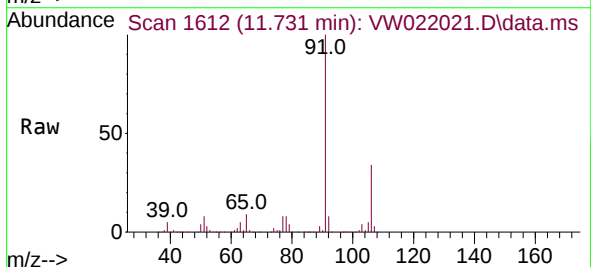
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C0VF4

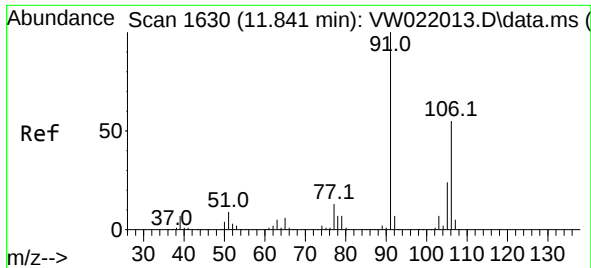
Tgt Ion: 91 Resp: 492559
Ion Ratio Lower Upper
91 100
92 59.0 42.6 79.2



#52
Ethylbenzene
Concen: 37.240 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Tgt Ion: 91 Resp: 344063
Ion Ratio Lower Upper
91 100
106 34.4 22.8 42.4

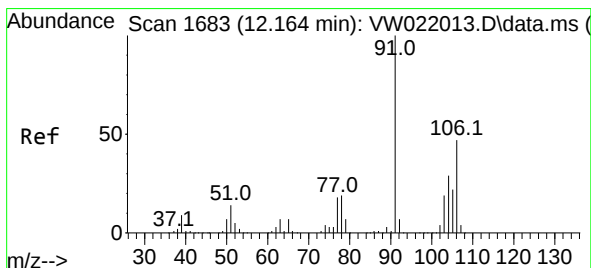
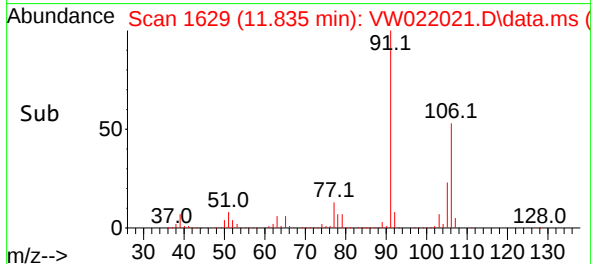
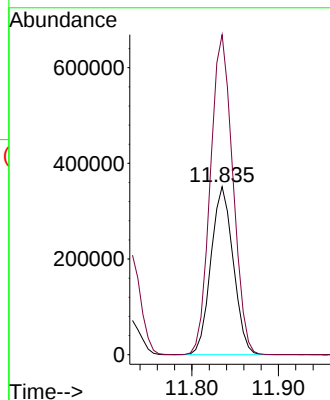
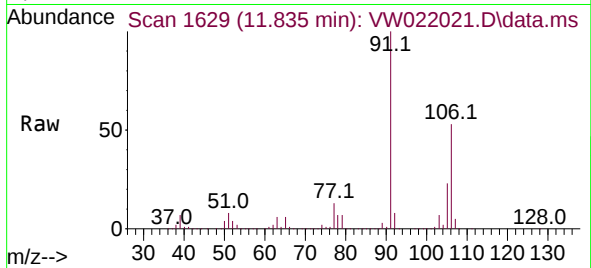




#53
m,p-Xylene
Concen: 163.897 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

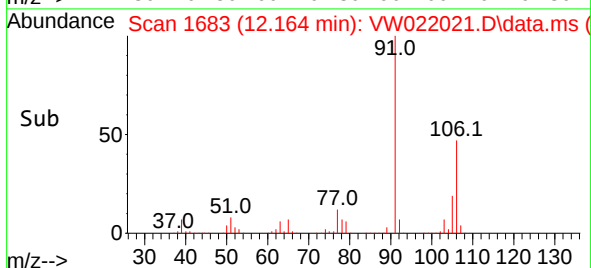
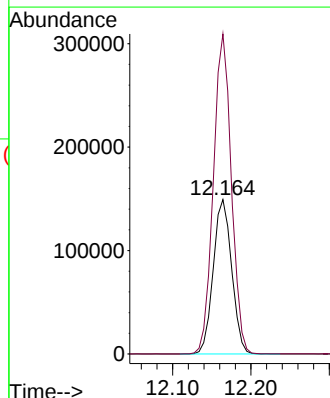
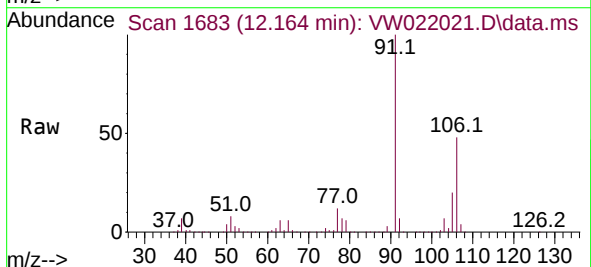
Instrument :
MSVOA_W
ClientSampleId :
C0VF4

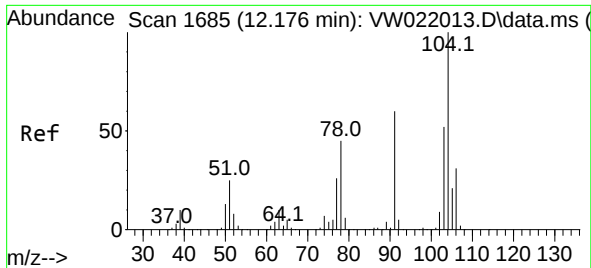
Tgt Ion:106 Resp: 628260
Ion Ratio Lower Upper
106 100
91 190.5 129.6 240.8



#54
o-Xylene
Concen: 67.972 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Tgt Ion:106 Resp: 243734
Ion Ratio Lower Upper
106 100
91 207.2 136.4 253.4

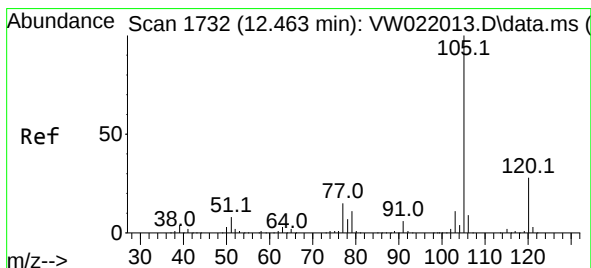
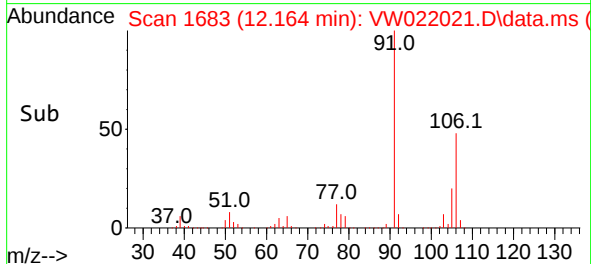
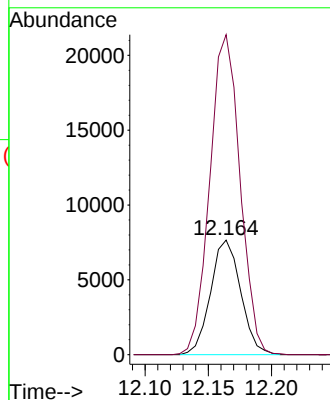
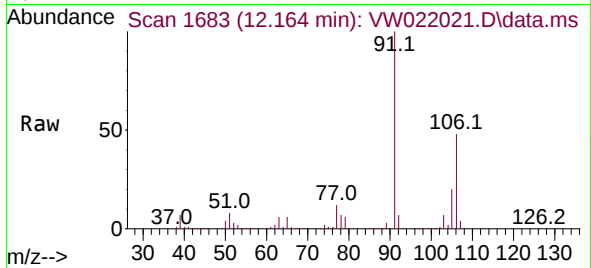




#55
Styrene
Concen: 2.188 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

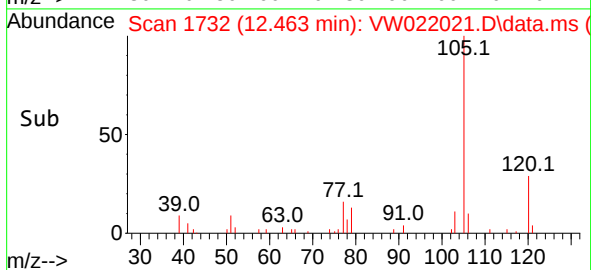
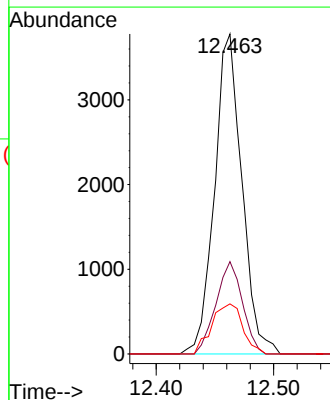
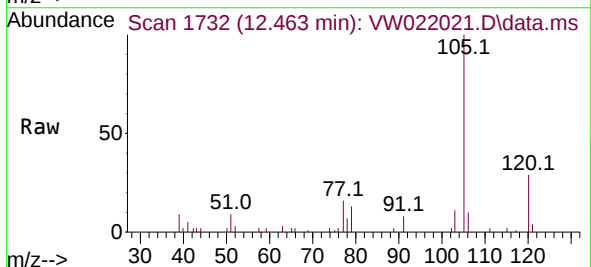
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ClientSampleId :
C0VF4

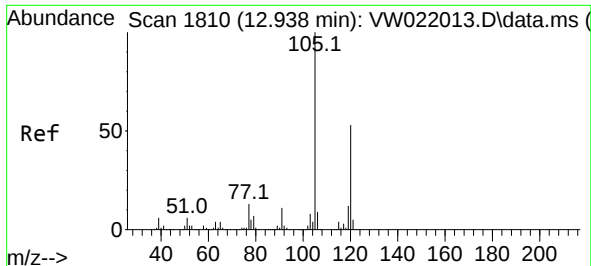
Tgt Ion:104 Resp: 12672
Ion Ratio Lower Upper
104 100
78 279.3 30.9 57.5#



#60
Isopropylbenzene
Concen: 0.671 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022021.D
Acq: 01 Feb 2022 23:08

Tgt Ion:105 Resp: 6111
Ion Ratio Lower Upper
105 100
120 27.9 22.1 33.1
77 17.7 11.8 17.8





#62

1,3,5-Trimethylbenzene

Concen: 2.485 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022021.D

Acq: 01 Feb 2022 23:08

Instrument :

MSVOA_W

ClientSampleId :

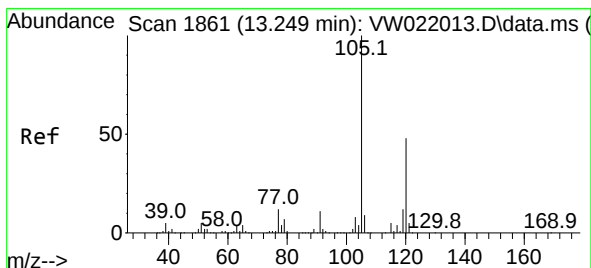
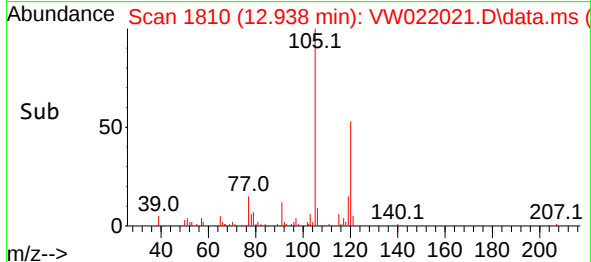
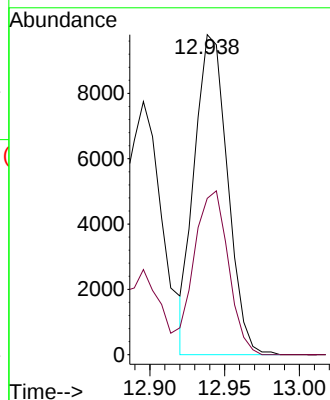
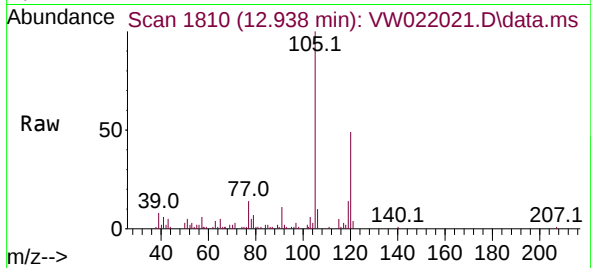
C0VF4

Tgt Ion:105 Resp: 15021

Ion Ratio Lower Upper

105 100

120 54.0 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 4.988 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022021.D

Acq: 01 Feb 2022 23:08

Tgt Ion:105 Resp: 36733

Ion Ratio Lower Upper

105 100

120 48.1 37.8 56.8

