

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)

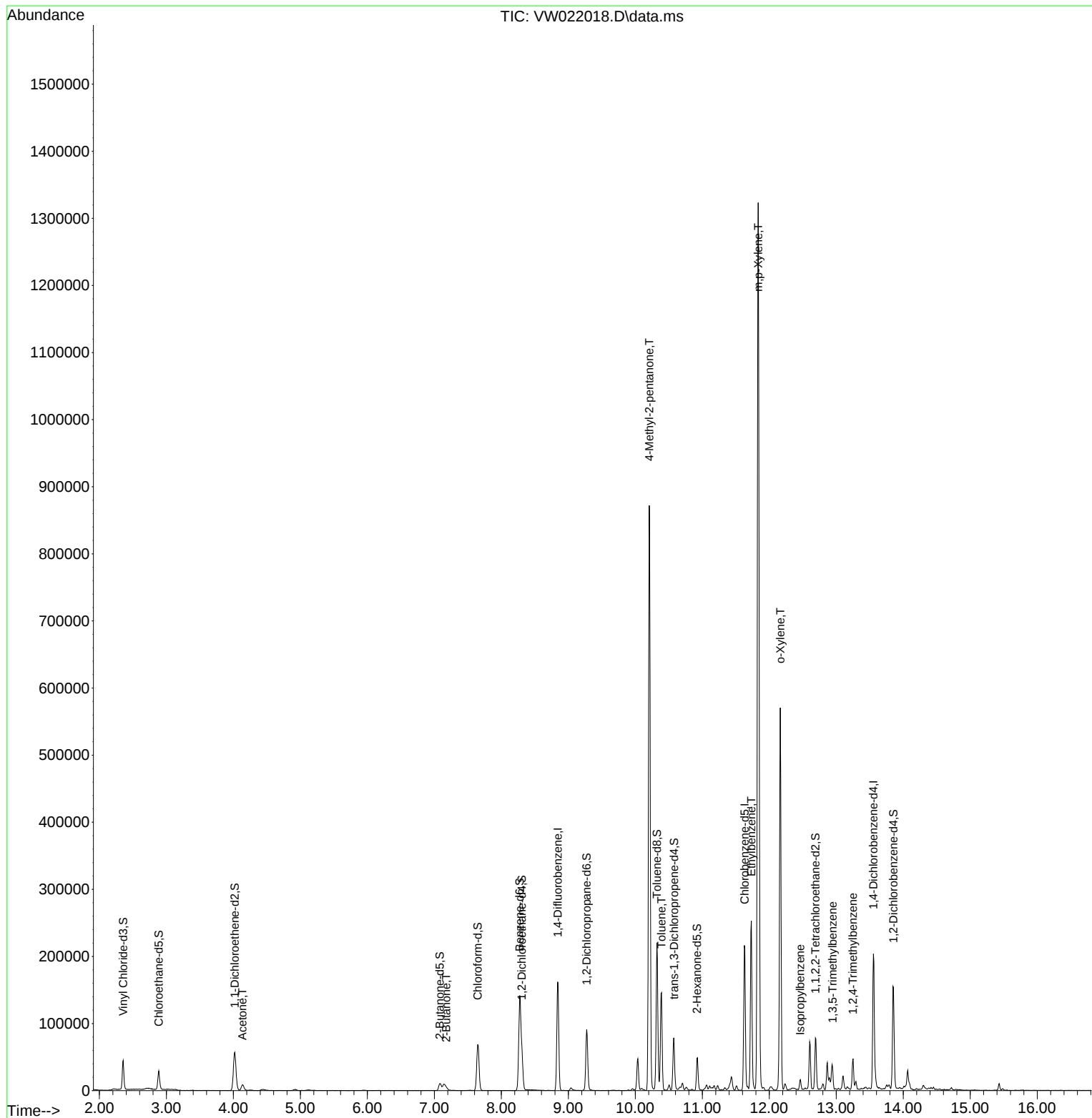
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	146126	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	130529	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	58839	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40824	23.194	ug/L	0.00
Spiked Amount	25.000	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
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
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
60) Isopropylbenzene	12.463	105	9483	1.234	ug/L	96
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

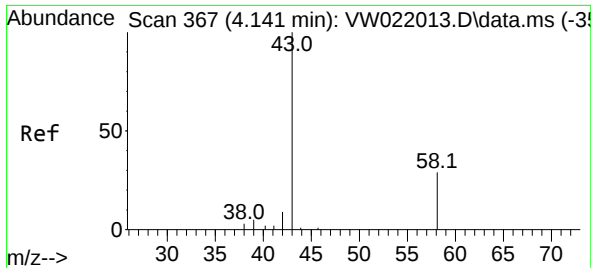
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#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 :

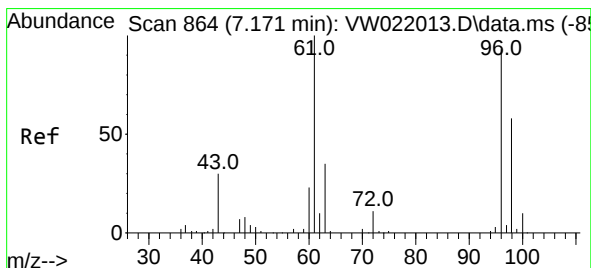
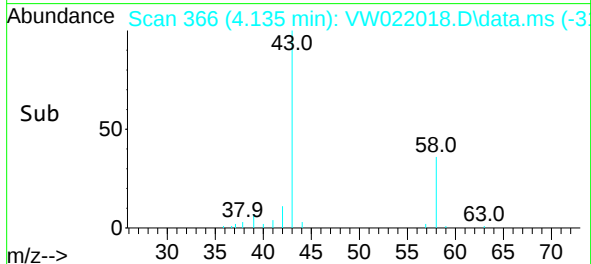
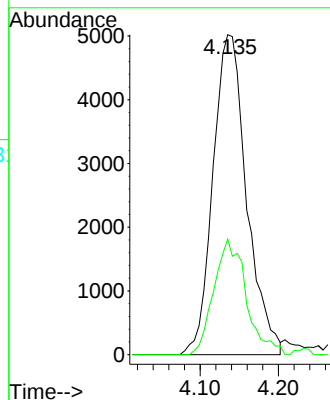
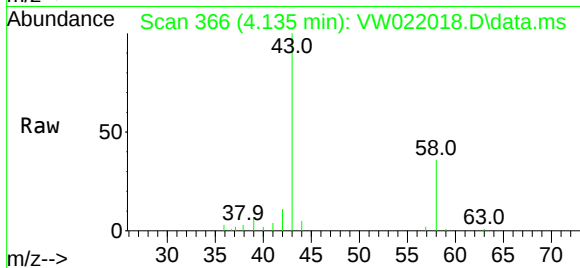
COVE8

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

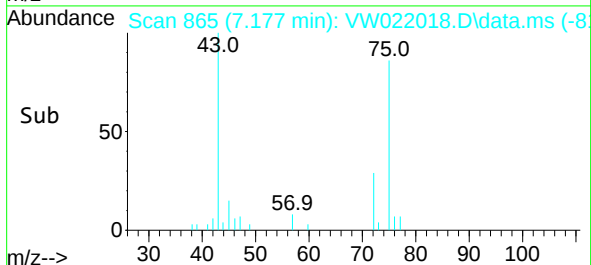
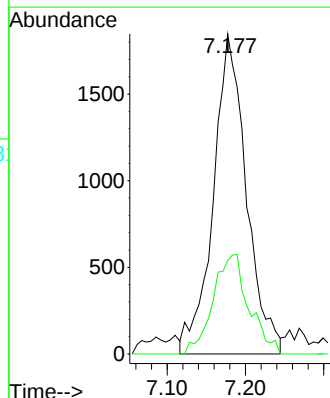
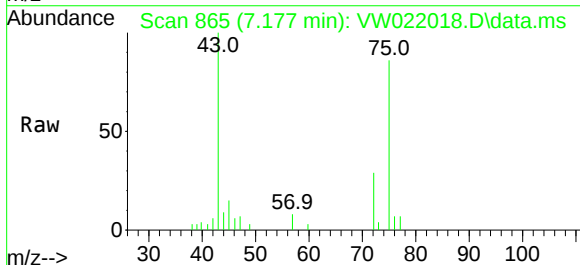
Acq: 01 Feb 2022 21:56

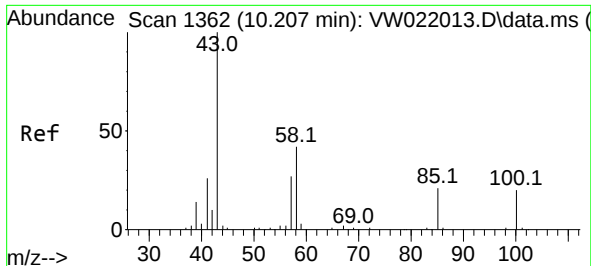
Tgt Ion: 43 Resp: 5427

Ion Ratio Lower Upper

43 100

72 32.3 16.8 50.4





#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

Instrument :

MSVOA_W

ClientSampleId :

COVE8

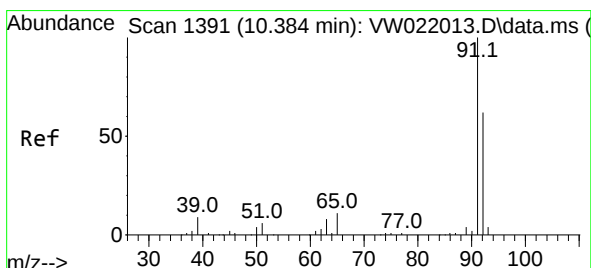
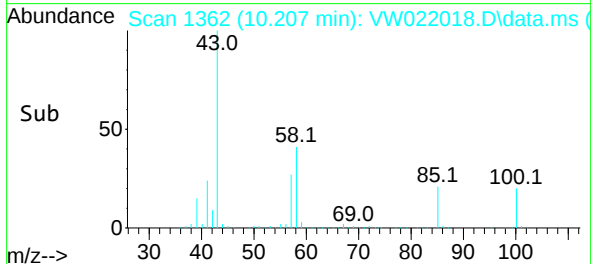
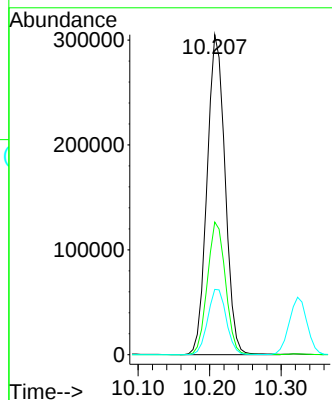
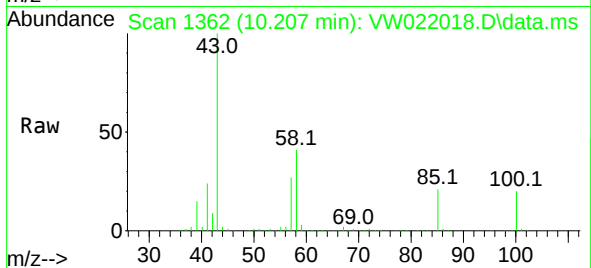
Tgt Ion: 43 Resp: 532798

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# 1392

Delta R.T. 0.006 min

Lab File: VW022018.D

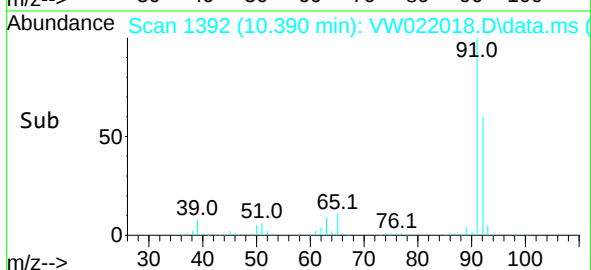
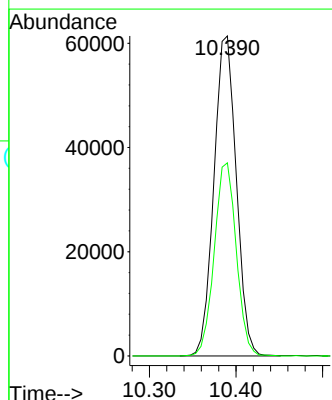
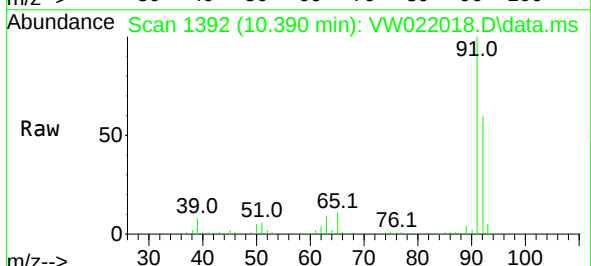
Acq: 01 Feb 2022 21:56

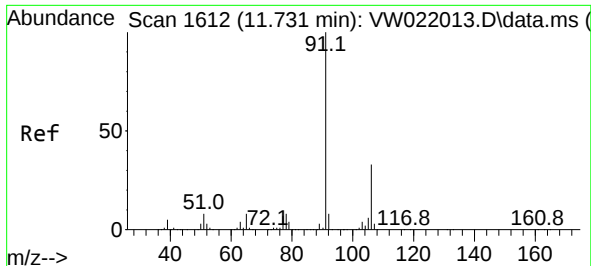
Tgt Ion: 91 Resp: 110286

Ion Ratio Lower Upper

91 100

92 60.4 42.6 79.2





#52

Ethylbenzene

Concen: 21.310 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022018.D

Acq: 01 Feb 2022 21:56

Instrument :

MSVOA_W

ClientSampleId :

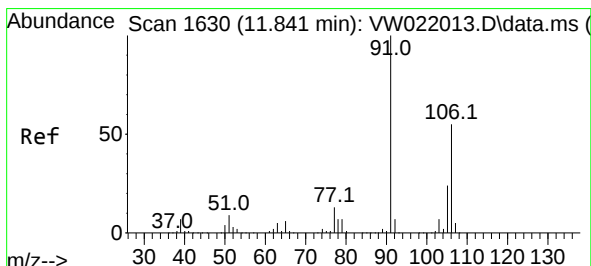
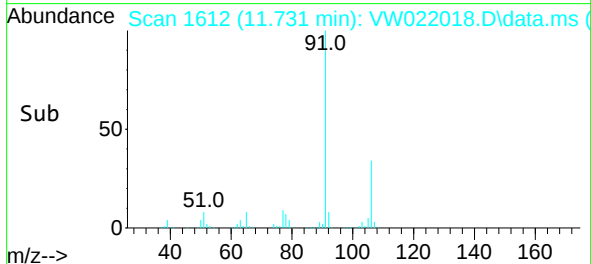
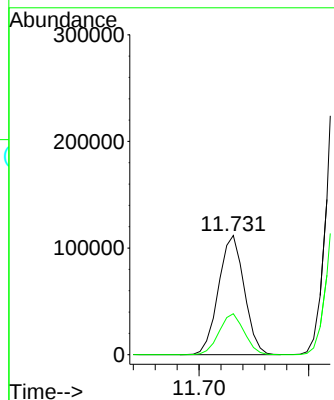
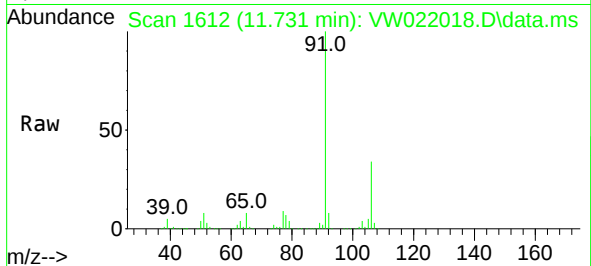
COVE8

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

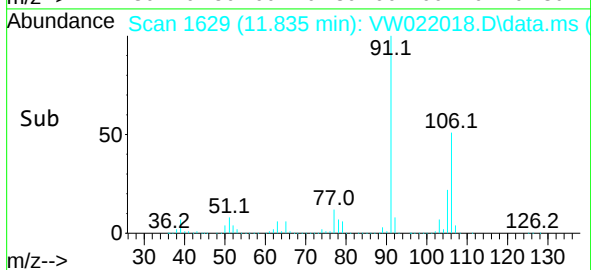
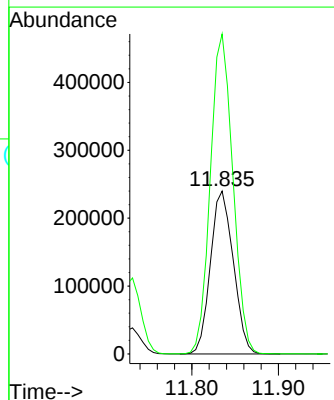
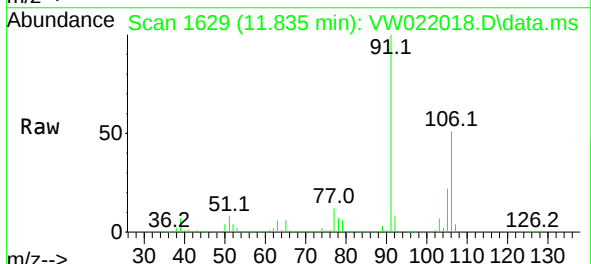
Acq: 01 Feb 2022 21:56

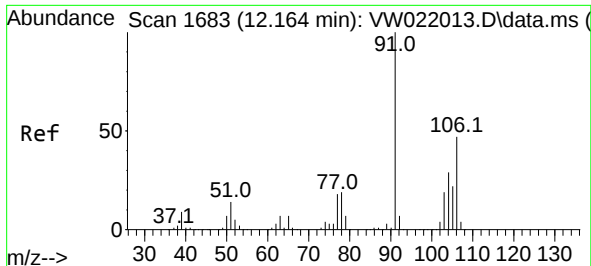
Tgt Ion:106 Resp: 440426

Ion Ratio Lower Upper

106 100

91 196.5 129.6 240.8

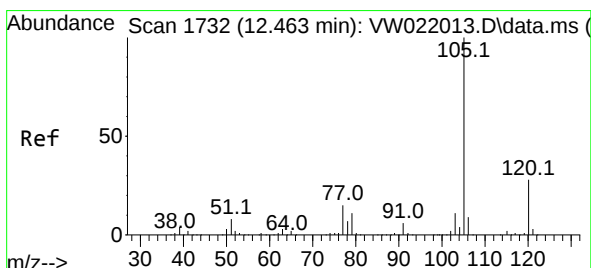
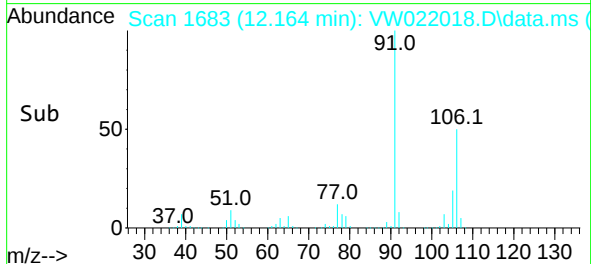
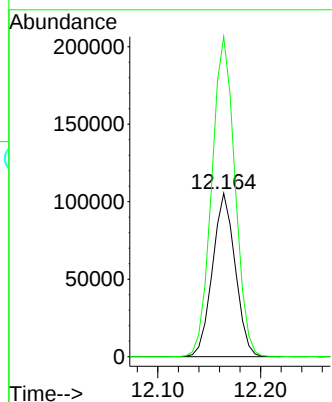
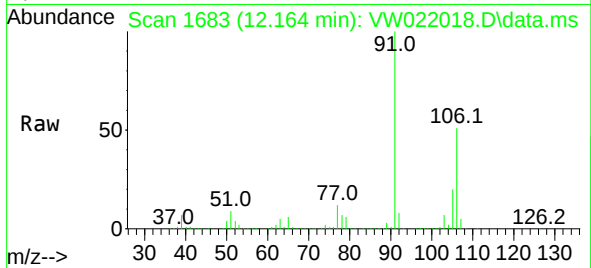




#54
o-Xylene
Concen: 48.605 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

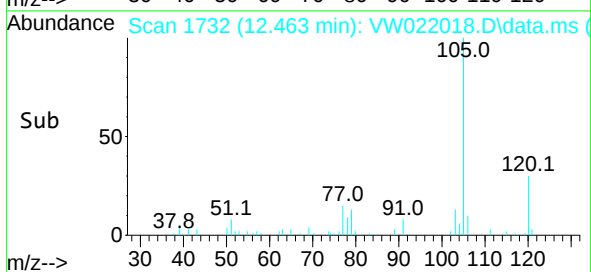
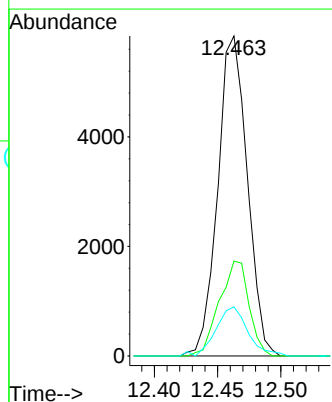
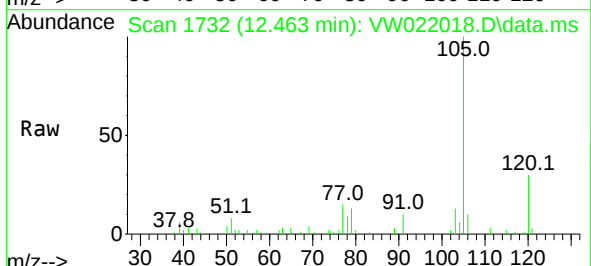
Instrument :
MSVOA_W
ClientSampleId :
COVE8

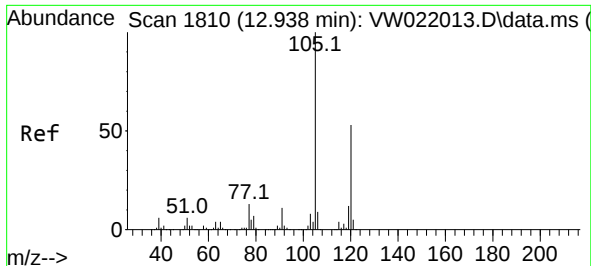
Tgt Ion:106 Resp: 161467
Ion Ratio Lower Upper
106 100
91 195.9 136.4 253.4



#60
Isopropylbenzene
Concen: 1.234 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022018.D
Acq: 01 Feb 2022 21:56

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





#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 :

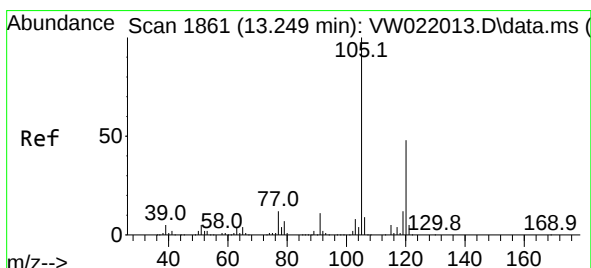
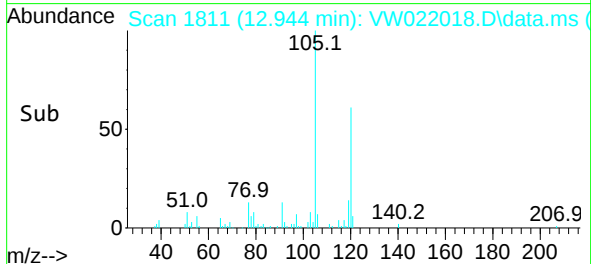
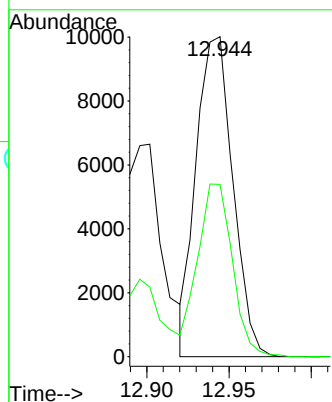
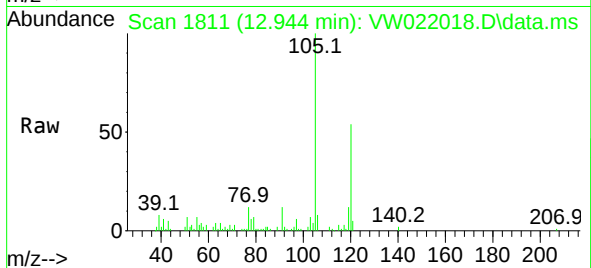
COVE8

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

