

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022015.D
 Acq On : 01 Feb 2022 20:44
 Operator : SY/VA
 Sample : N1353-01
 Misc : 3.98g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COVE2

Quant Time: Feb 02 01:17:00 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)

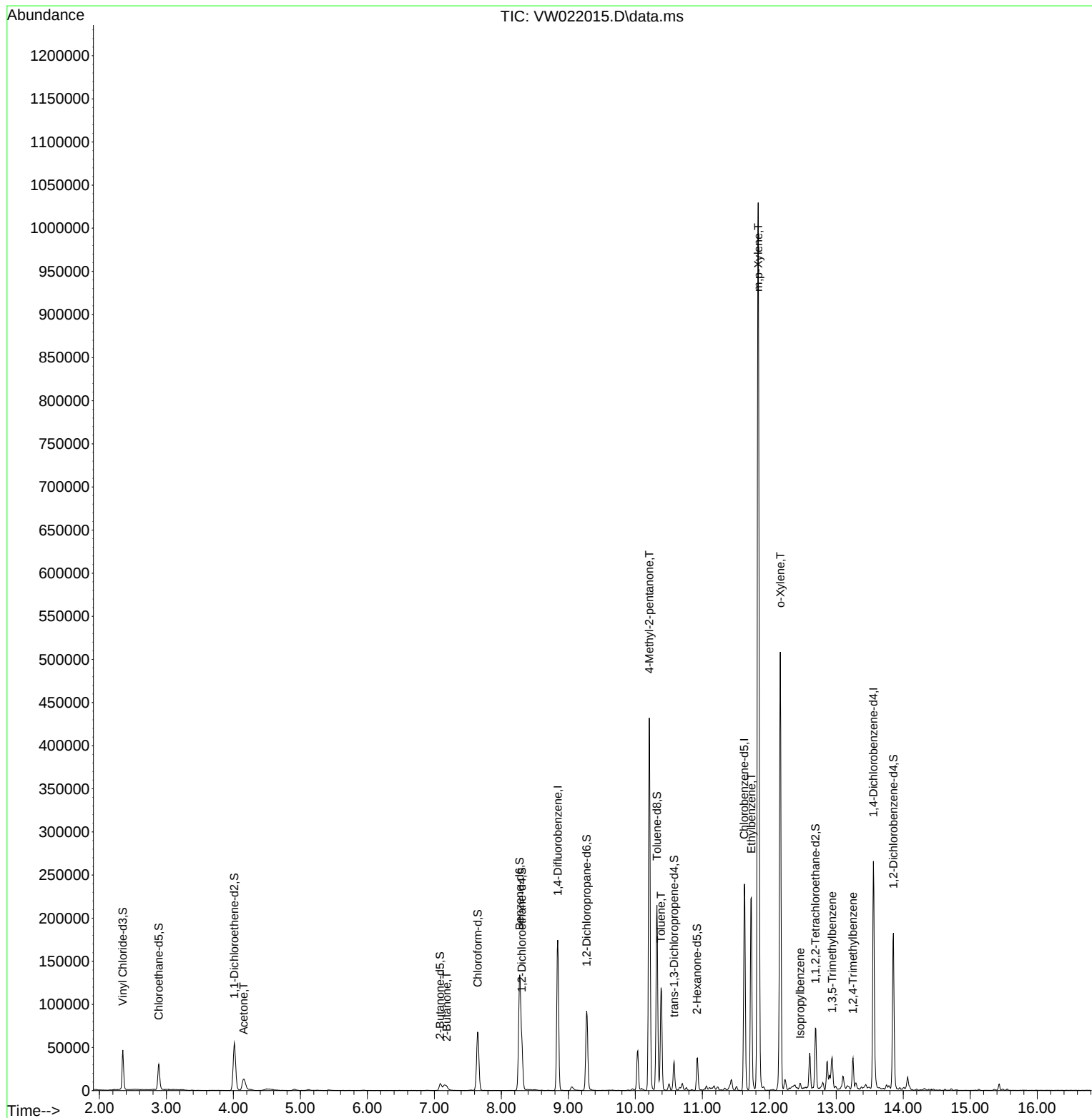
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	154439	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	140601	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	69276	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42248	22.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.840%
7) Chloroethane-d5	2.885	69	30371	21.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.840%
11) 1,1-Dichloroethene-d2	4.013	63	49583	15.086	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.360%
21) 2-Butanone-d5	7.086	46	14273	43.257	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.520%
24) Chloroform-d	7.647	84	68251	18.995	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.960%
26) 1,2-Dichloroethane-d4	8.305	65	37880	21.190	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.760%
32) Benzene-d6	8.275	84	141843	19.963	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.840%
36) 1,2-Dichloropropane-d6	9.274	67	37985	19.655	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.600%
41) Toluene-d8	10.323	98	144147	20.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.880%
43) trans-1,3-Dichloroprop...	10.579	79	15829	18.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.800%
47) 2-Hexanone-d5	10.920	63	12829	45.658	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32814	20.818	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	48907	19.570	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.280%
Target Compounds						
					Qvalue	
13) Acetone	4.153	43	30937	100.393	ug/L	99
22) 2-Butanone	7.183	43	6372	15.971	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	257007	323.530	ug/L	98
42) Toluene	10.384	91	89636	10.727	ug/L	98
52) Ethylbenzene	11.731	91	162064	17.578	ug/L	99
53) m,p-Xylene	11.835	106	342666	89.579	ug/L	100
54) o-Xylene	12.164	106	145618	40.694	ug/L	99
60) Isopropylbenzene	12.463	105	4481	0.495	ug/L #	94
62) 1,3,5-Trimethylbenzene	12.938	105	12387	2.064	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	20290	2.774	ug/L	97

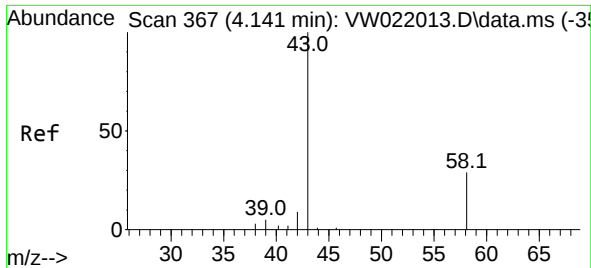
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 100.393 ug/L

RT: 4.153 min Scan# 30937

Delta R.T. 0.012 min

Lab File: VW022015.D

Acq: 01 Feb 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

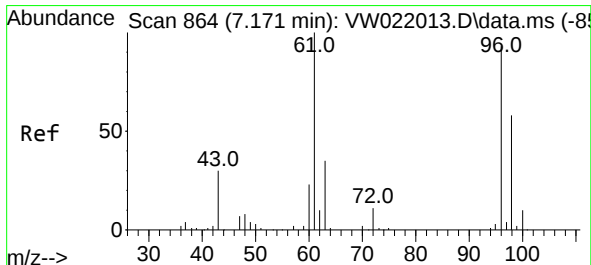
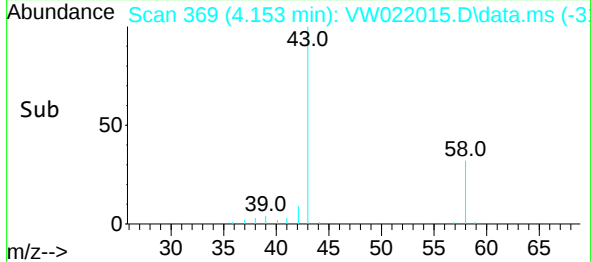
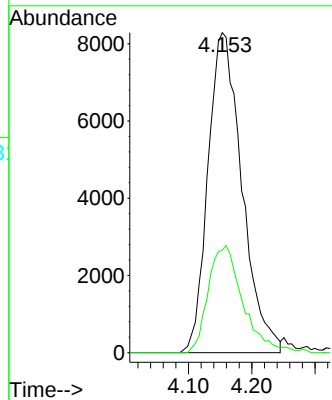
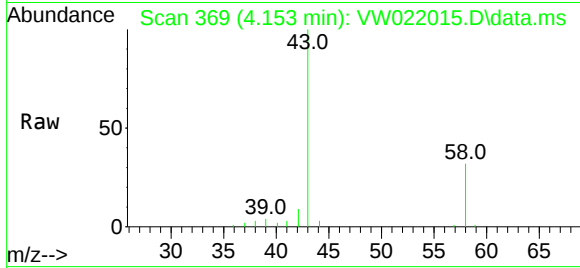
COVE2

Tgt Ion: 43 Resp: 30937

Ion Ratio Lower Upper

43 100

58 33.4 0.0 66.0



#22

2-Butanone

Concen: 15.971 ug/L

RT: 7.183 min Scan# 866

Delta R.T. 0.012 min

Lab File: VW022015.D

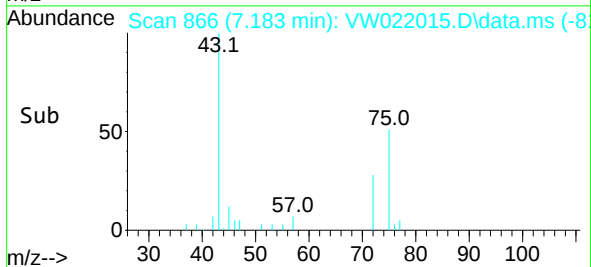
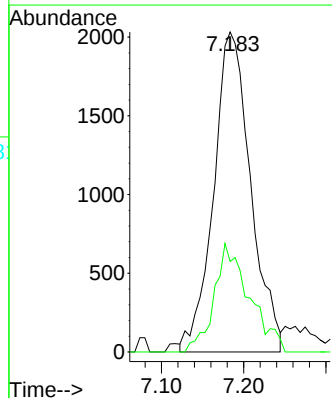
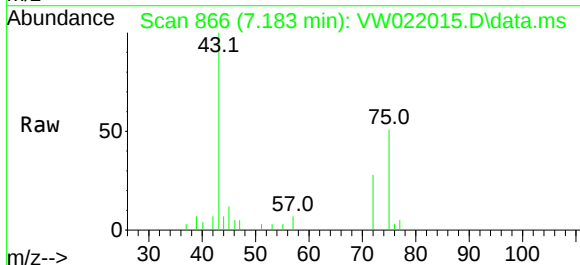
Acq: 01 Feb 2022 20:44

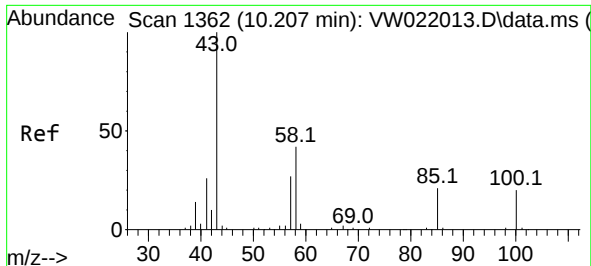
Tgt Ion: 43 Resp: 6372

Ion Ratio Lower Upper

43 100

72 30.0 16.8 50.4





#40

4-Methyl-2-pentanone

Concen: 323.530 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022015.D

Acq: 01 Feb 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

COVE2

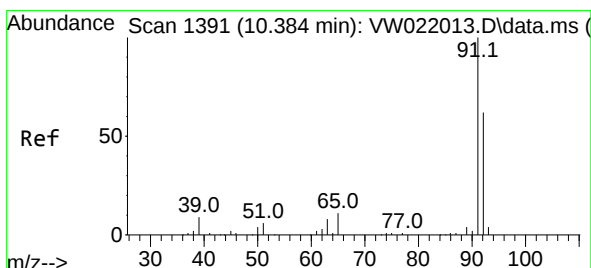
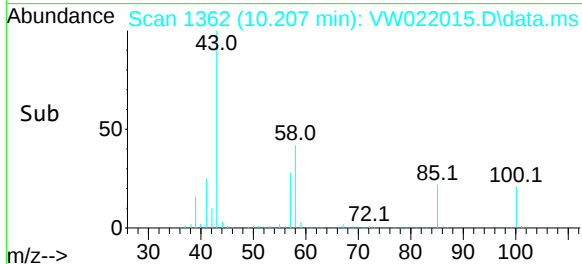
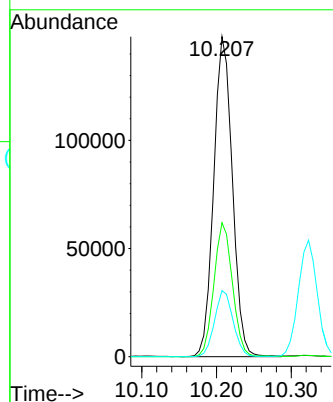
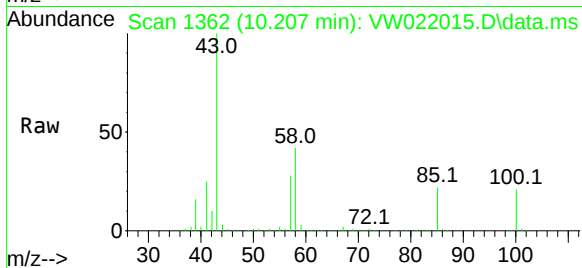
Tgt Ion: 43 Resp: 257007

Ion Ratio Lower Upper

43 100

58 41.4 34.4 51.6

100 20.5 17.0 25.4



#42

Toluene

Concen: 10.727 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022015.D

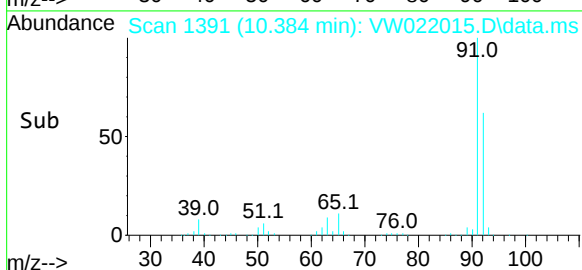
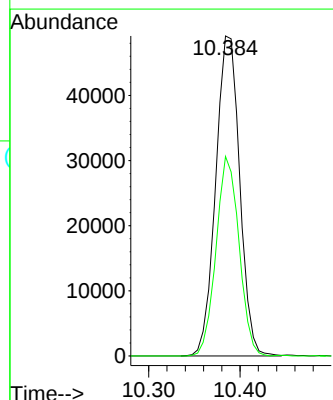
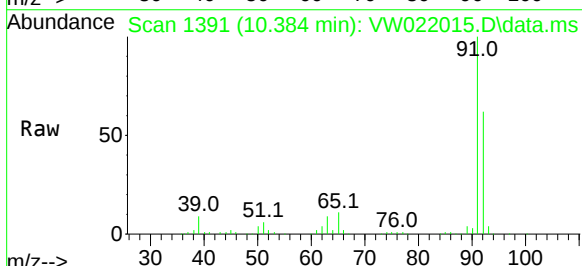
Acq: 01 Feb 2022 20:44

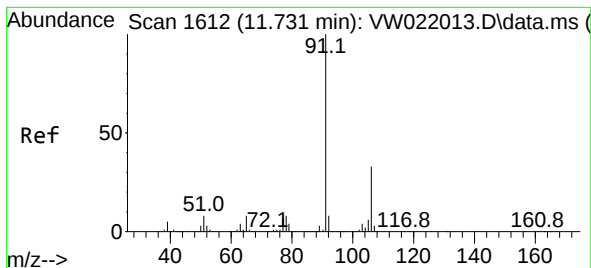
Tgt Ion: 91 Resp: 89636

Ion Ratio Lower Upper

91 100

92 62.4 42.6 79.2

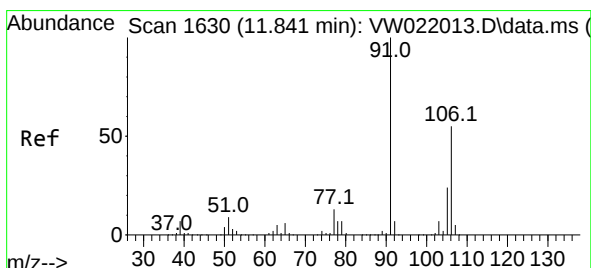
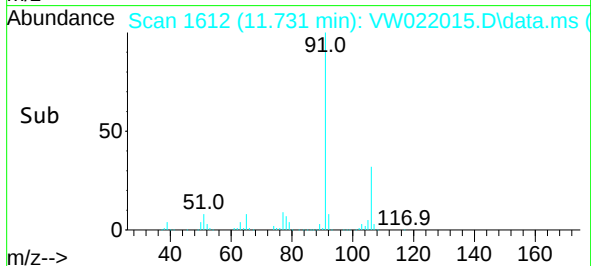
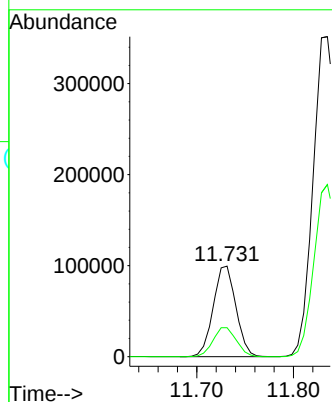
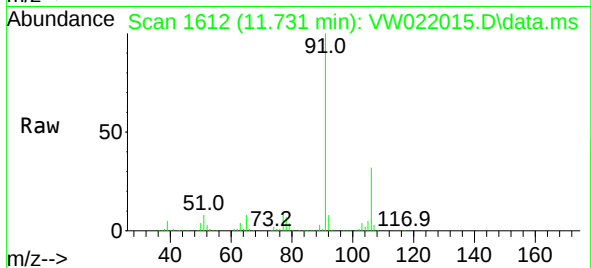




#52
Ethylbenzene
Concen: 17.578 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022015.D
Acq: 01 Feb 2022 20:44

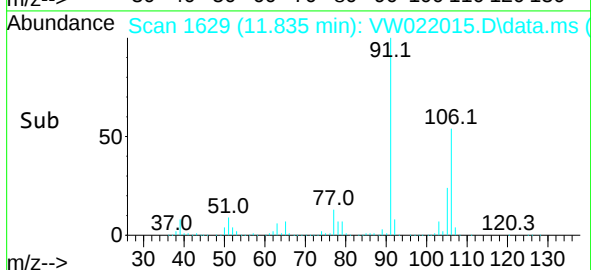
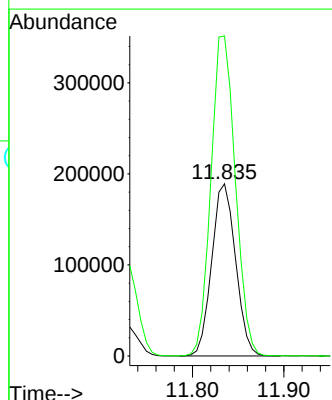
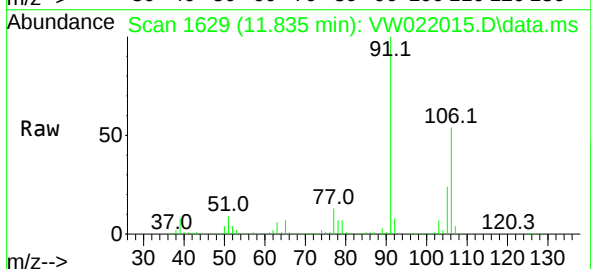
Instrument :
MSVOA_W
ClientSampleId :
COVE2

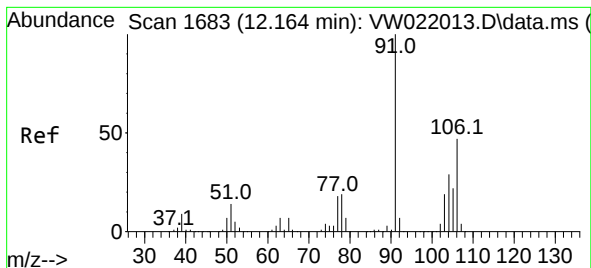
Tgt Ion: 91 Resp: 162064
Ion Ratio Lower Upper
91 100
106 32.0 22.8 42.4



#53
m,p-Xylene
Concen: 89.579 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022015.D
Acq: 01 Feb 2022 20:44

Tgt Ion: 106 Resp: 342666
Ion Ratio Lower Upper
106 100
91 185.9 129.6 240.8





#54

o-Xylene

Concen: 40.694 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022015.D

Acq: 01 Feb 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

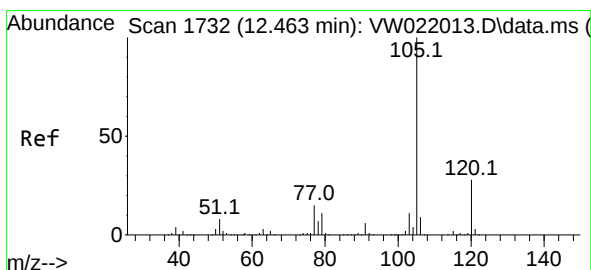
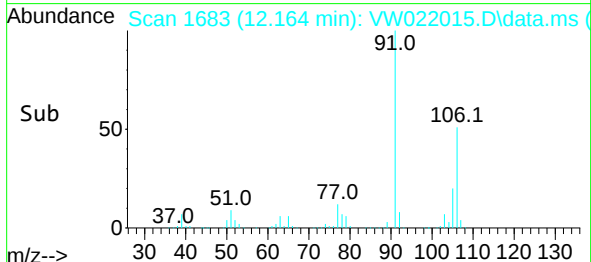
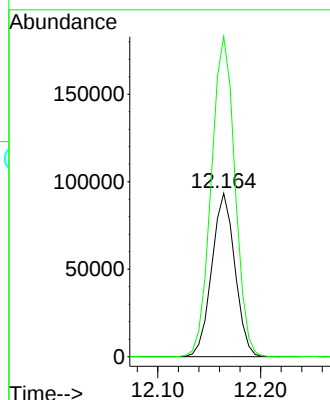
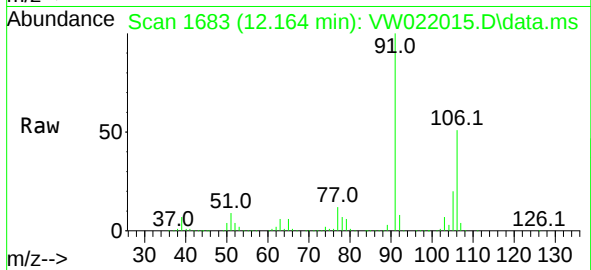
COVE2

Tgt Ion:106 Resp: 145618

Ion Ratio Lower Upper

106 100

91 195.8 136.4 253.4



#60

Isopropylbenzene

Concen: 0.495 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW022015.D

Acq: 01 Feb 2022 20:44

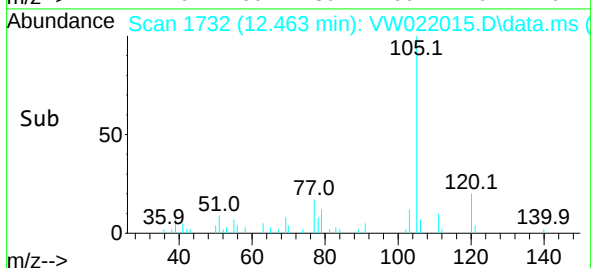
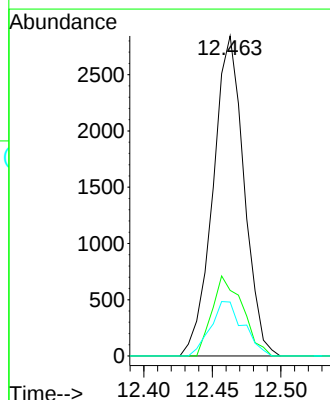
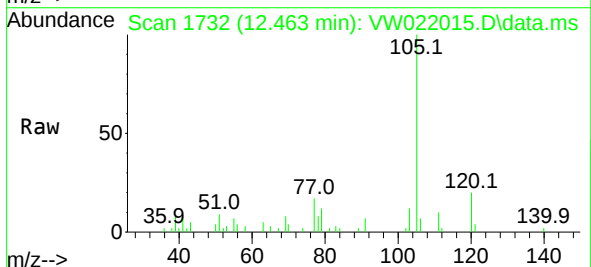
Tgt Ion:105 Resp: 4481

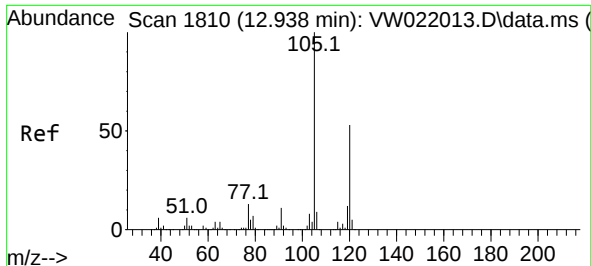
Ion Ratio Lower Upper

105 100

120 24.7 22.1 33.1

77 18.0 11.8 17.8#





#62

1,3,5-Trimethylbenzene

Concen: 2.064 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022015.D

Acq: 01 Feb 2022 20:44

Instrument :

MSVOA_W

ClientSampleId :

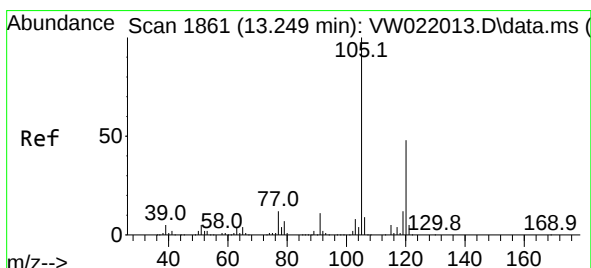
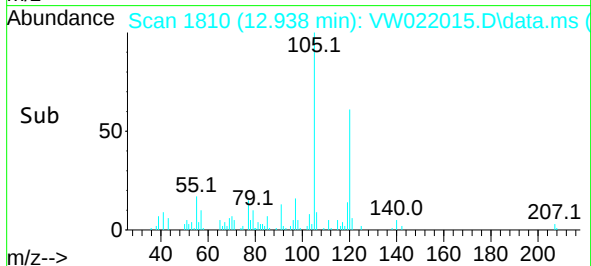
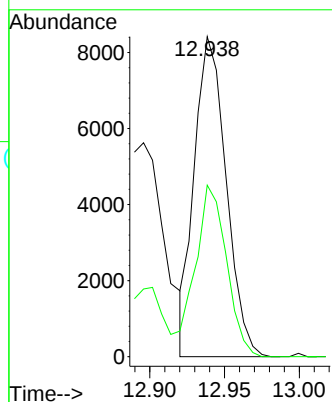
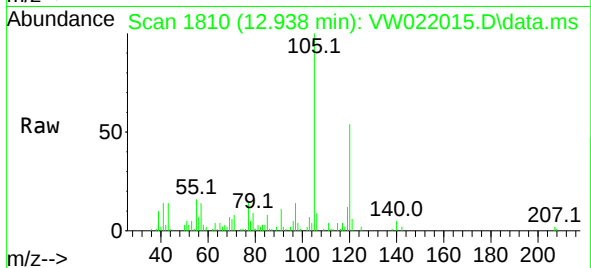
COVE2

Tgt Ion:105 Resp: 12387

Ion Ratio Lower Upper

105 100

120 53.5 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 2.774 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022015.D

Acq: 01 Feb 2022 20:44

Tgt Ion:105 Resp: 20290

Ion Ratio Lower Upper

105 100

120 45.2 37.8 56.8

