

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040320\
 Data File : VV015398.D
 Acq On : 03 Apr 2020 16:52
 Operator : SY/MD
 Sample : L2065-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBF06

Manual Integrations
 APPROVED

sam
 4/10/2020 3:04:52 PM

Quant Time: Apr 07 18:39:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 07 18:28:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	610836	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	602055	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	324858	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	256580	46.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.70%
7) Chloroethane-d5	1.58	69	219547	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.84%
11) 1,1-Dichloroethene-d2	2.12	63	374970	38.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.60%
21) 2-Butanone-d5	3.94	46	281458	96.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.68%
24) Chloroform-d	4.38	84	427812	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
26) 1,2-Dichloroethane-d4	5.06	65	284384	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
32) Benzene-d6	5.08	84	899377	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
36) 1,2-Dichloropropane-d6	6.09	67	268419	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.20%
41) Toluene-d8	7.34	98	882771	49.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.58%
43) trans-1,3-Dichloropropene-	7.64	79	142098	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.10%
47) 2-Hexanone-d5	8.11	63	243156	97.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	393820	50.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	371538	50.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	29101m	15.230	ug/L	
25) Chloroform	4.41	83	16780	2.038	ug/L	90
33) Benzene	5.13	78	17675	0.992	ug/L	100
42) Toluene	7.41	91	370145	18.690	ug/L	99
52) Ethylbenzene	9.03	91	737352	33.171	ug/L	99
53) m,p-Xylene	9.16	106	698052	81.554	ug/L	100
54) o-xylene	9.57	106	262378	30.602	ug/L	98
55) Styrene	9.58	104	321861	22.575	ug/L	100
56) Isopropylbenzene	9.95	105	166362	7.491	ug/L	98

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

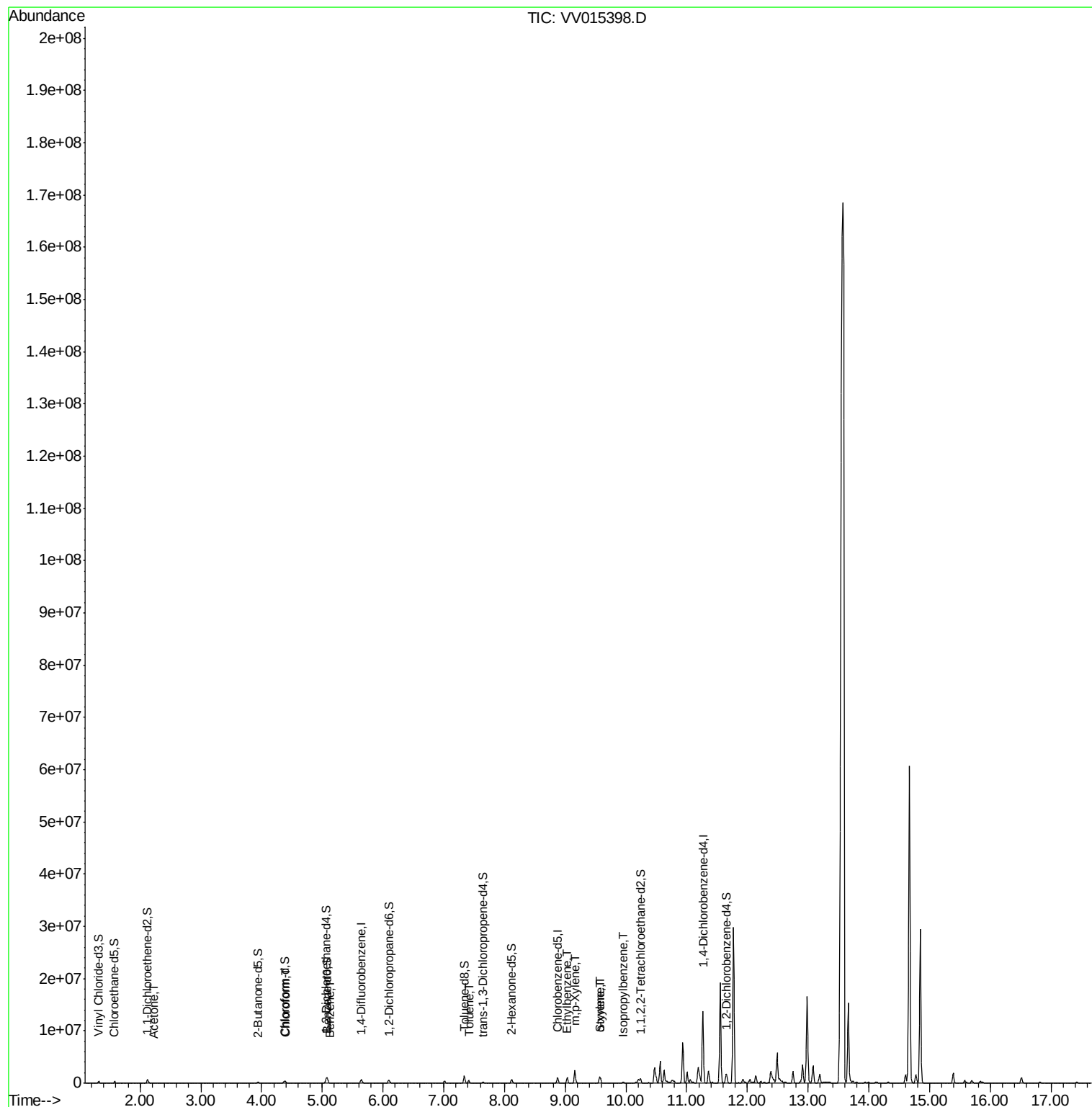
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040320\
Data File : VV015398.D
Acq On : 03 Apr 2020 16:52
Operator : SY/MD
Sample : L2065-10
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

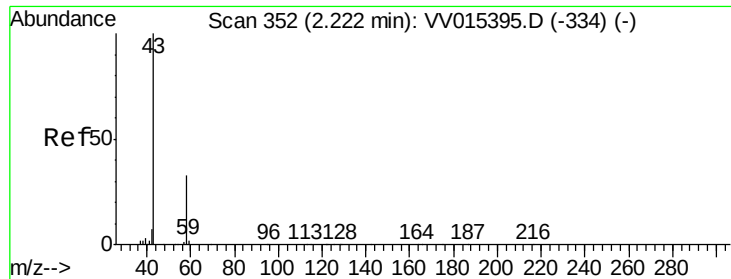
Instrument :
MSVOA_V
ClientSampleId :
DBF06

Manual Integrations
APPROVED

sam
4/10/2020 3:04:52 PM

Quant Time: Apr 07 18:39:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 07 18:28:34 2020
Response via : Initial Calibration





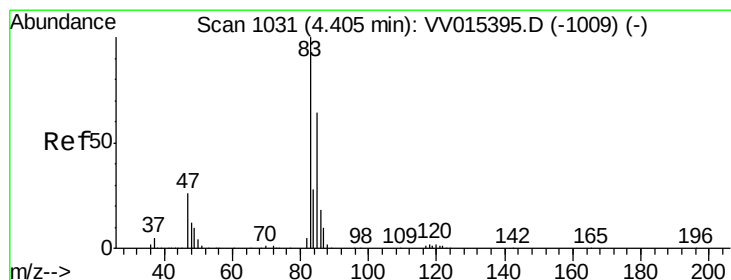
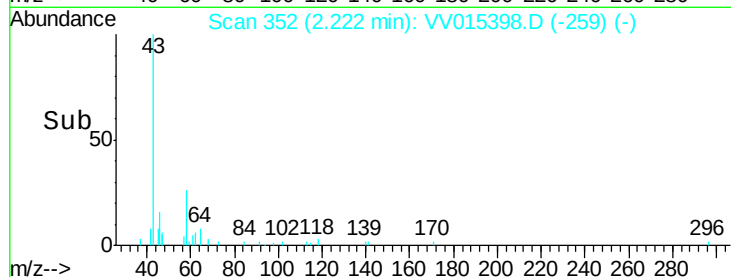
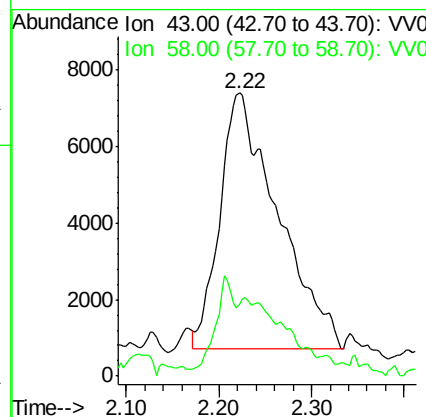
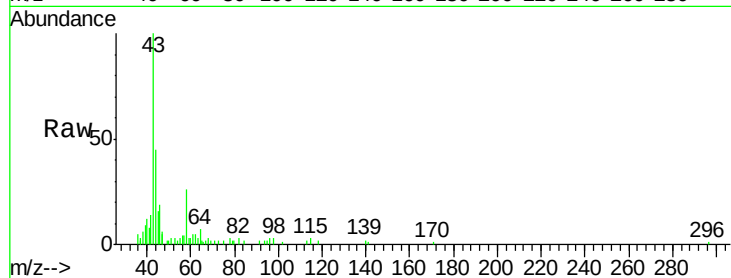
#13
Acetone
Concen: 15.230 ug/L m
RT: 2.22 min Scan# 352
Delta R.T. -0.00 min
Lab File: VV015398.D
Acq: 03 Apr 2020 16:52

Instrument :
MSVOA_V
ClientSampleId :
DBF06

Tot Ion	Ratio	Lower	Upper
43	100		
58	11.6	0.0	68.2

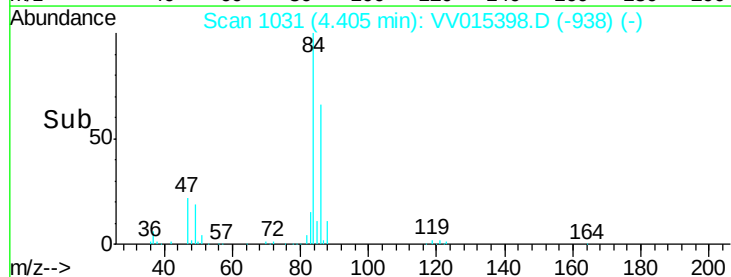
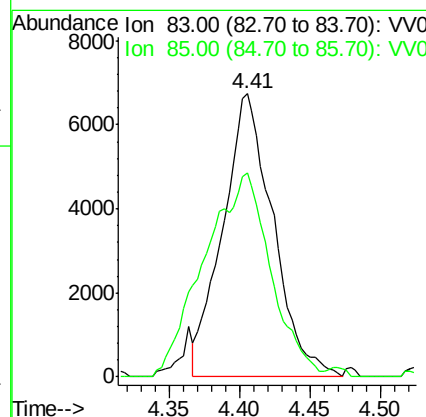
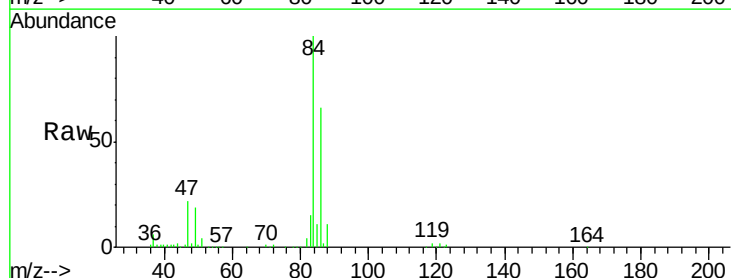
Manual Integrations
APPROVED

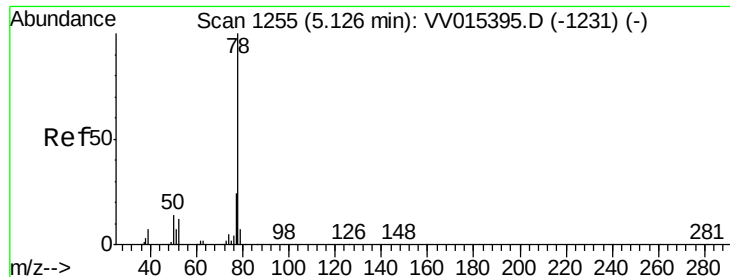
sam
4/10/2020 3:04:52 PM



#25
Chloroform
Concen: 2.038 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV015398.D
Acq: 03 Apr 2020 16:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	72.1	45.1	83.9





#33

Benzene

Concen: 0.992 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VV015398.D

Acq: 03 Apr 2020 16:52

Instrument :

MSVOA_V

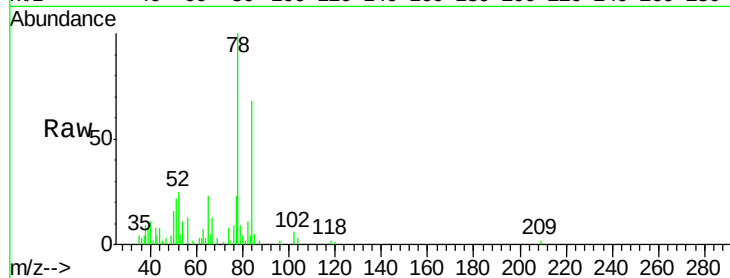
ClientSampleId :

DBF06

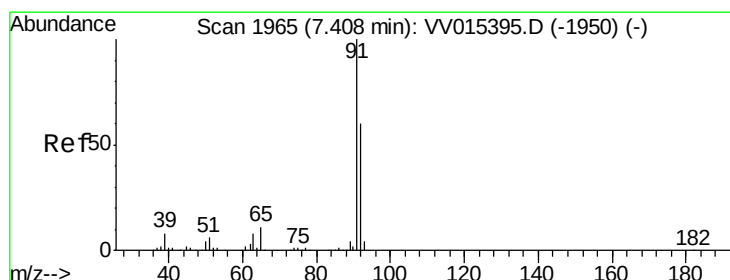
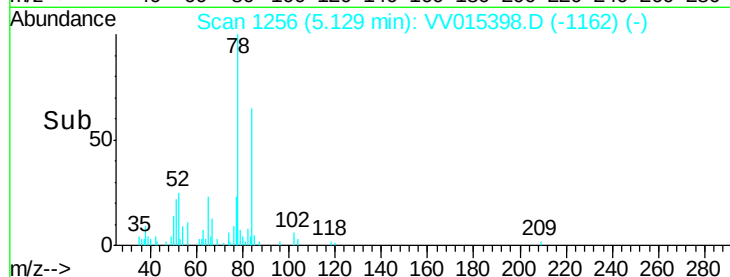
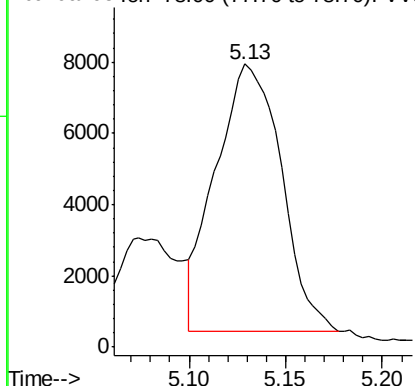
Tgt Ion: 78 Resp: 17675

Manual Integrations
APPROVED

sam
4/10/2020 3:04:52 PM



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 18.690 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015398.D

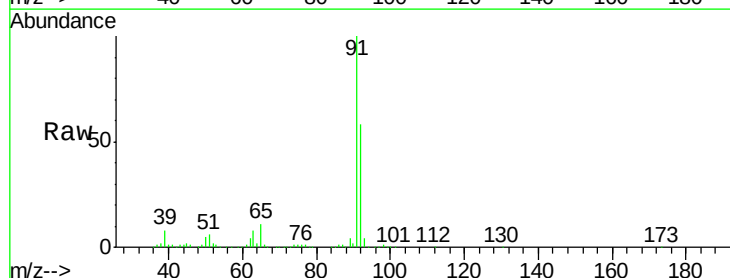
Acq: 03 Apr 2020 16:52

Tgt Ion: 91 Resp: 370145

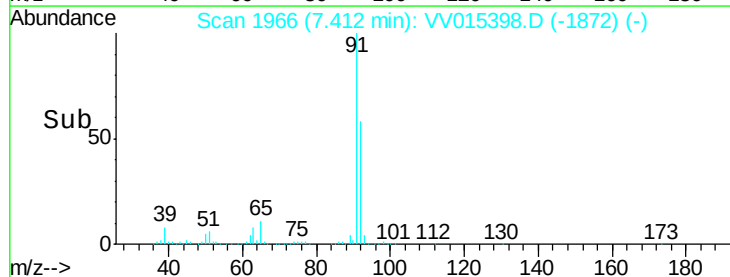
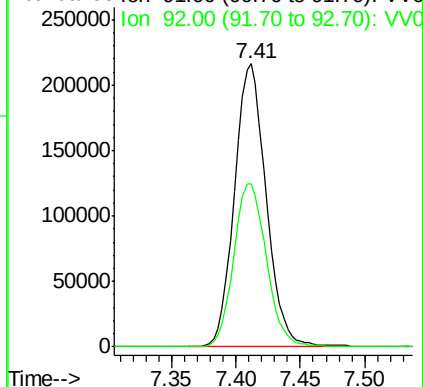
Ion Ratio Lower Upper

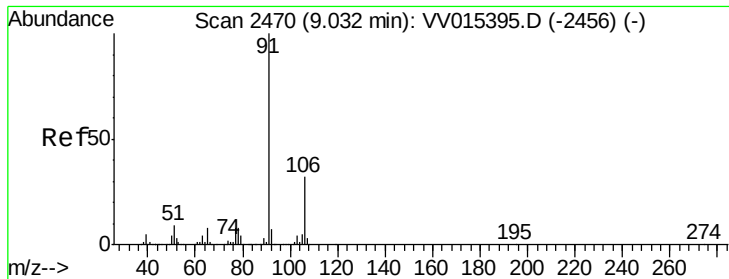
91 100

92 57.7 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV0





#52

Ethylbenzene

Concen: 33.171 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV015398.D

Acq: 03 Apr 2020 16:52

Instrument :

MSVOA_V

ClientSampleId :

DBF06

Tot Ion: 91 Resp: 737352

Ion Ratio Lower Upper

91 100

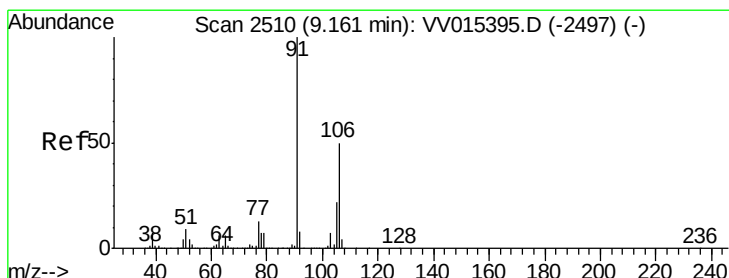
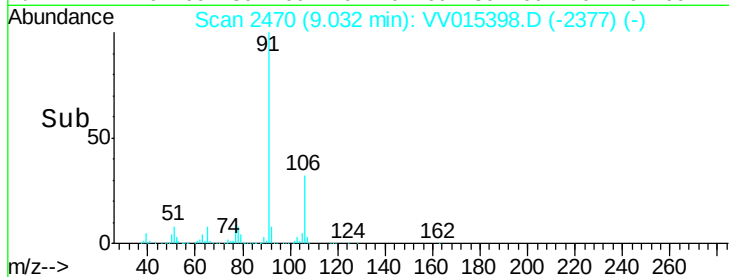
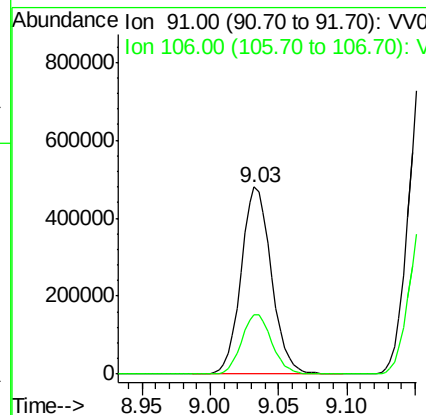
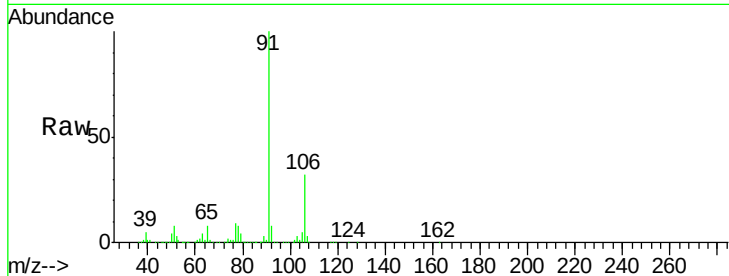
106 31.9 21.8 40.6

Manual Integrations

APPROVED

sam

4/10/2020 3:04:52 PM



#53

m,p-Xylene

Concen: 81.554 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV015398.D

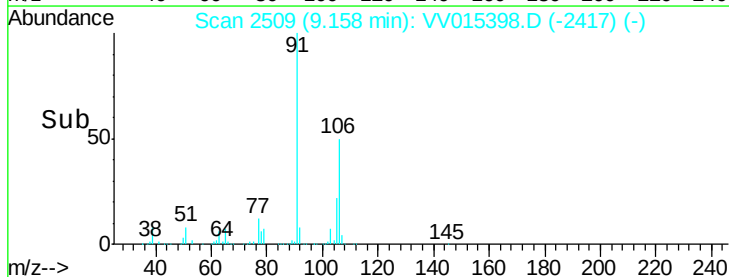
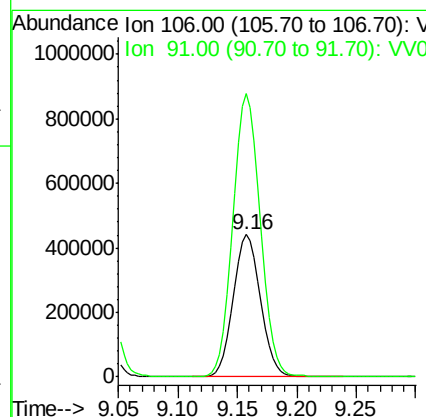
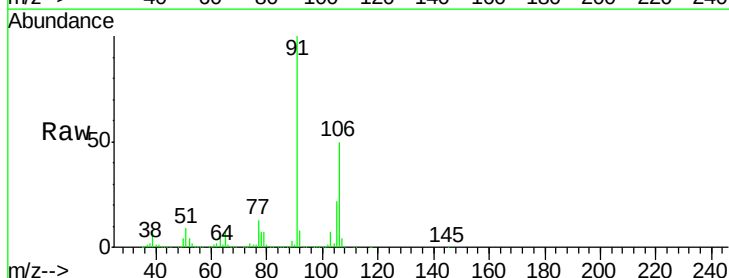
Acq: 03 Apr 2020 16:52

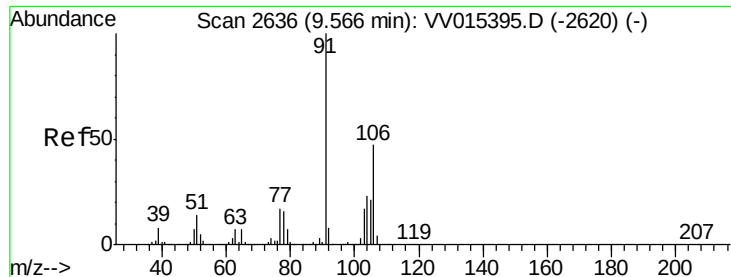
Tgt Ion: 106 Resp: 698052

Ion Ratio Lower Upper

106 100

91 199.2 139.7 259.5





#54

o-xylene

Concen: 30.602 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV015398.D

Acq: 03 Apr 2020 16:52

Instrument :

MSVOA_V

ClientSampled :

DBF06

Tot Ion:106 Resp: 262378

Ion Ratio Lower Upper

106 100

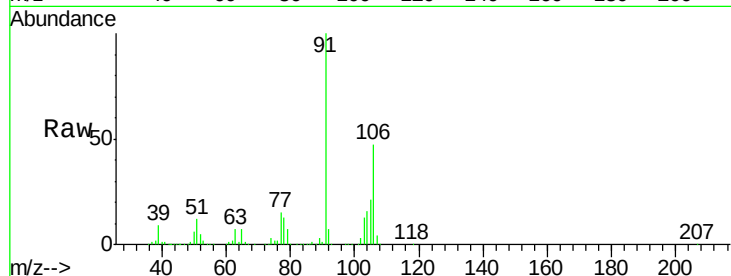
91 214.2 148.0 274.8

Manual Integrations

APPROVED

sam

4/10/2020 3:04:52 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

400000

300000

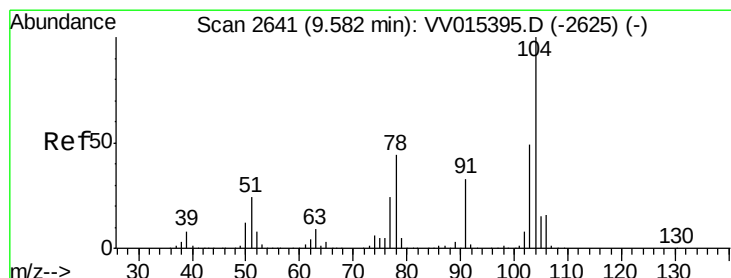
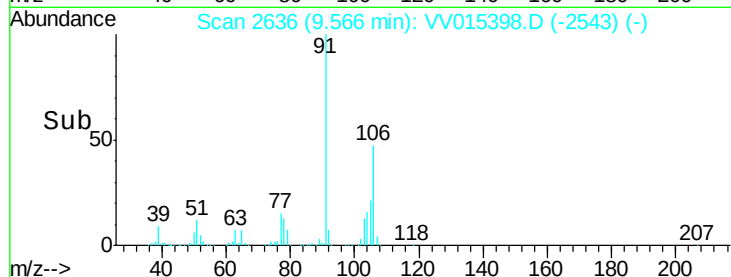
200000

100000

0

9.50 9.55 9.60

Time-->



#55

Styrene

Concen: 22.575 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV015398.D

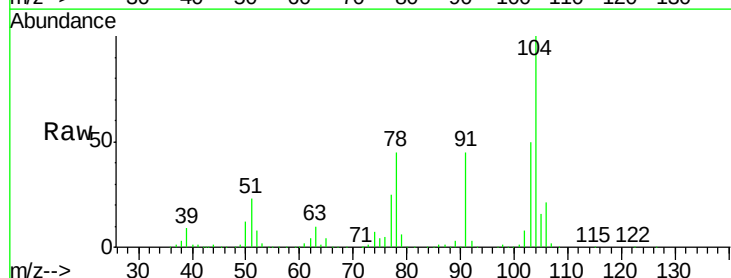
Acq: 03 Apr 2020 16:52

Tgt Ion:104 Resp: 321861

Ion Ratio Lower Upper

104 100

78 44.8 31.5 58.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0

200000

150000

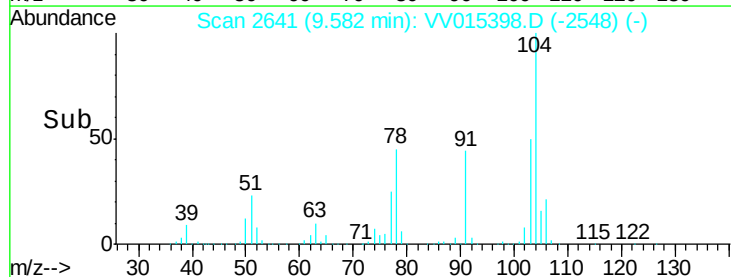
100000

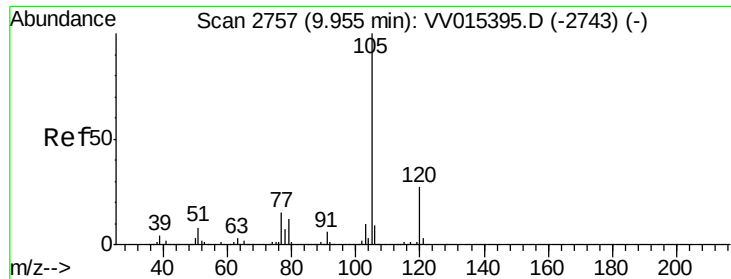
50000

0

9.50 9.55 9.60 9.65

Time-->





#56
Isopropylbenzene
Concen: 7.491 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VV015398.D
Acq: 03 Apr 2020 16:52

Instrument :
MSVOA_V
ClientSampleId :
DBF06

Tot Ion:	105	Resp:	166362
Ion Ratio		Lower	Upper
105	100		
120	28.0	21.4	32.0
77	15.4	12.4	18.6

Manual Integrations
APPROVED

sam
4/10/2020 3:04:52 PM

