

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014484.D
 Acq On : 28 Dec 2019 01:17
 Operator : SY/VA
 Sample : K6397-01
 Misc : 5.28G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK90

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:02:10 AM

Quant Time: Dec 28 04:01:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 28 03:24:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1263994	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	991304	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	451885	25.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	418371	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.92%
7) Chloroethane-d5	2.89	69	345685	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.32%
10) 1,1-Dichloroethene-d2	4.03	63	586659	18.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.00%
20) 2-Butanone-d5	7.07	46	205848	48.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.10%
24) Chloroform-d	7.65	84	754916	25.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.84%
26) 1,2-Dichloroethane-d4	8.30	65	359313	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.24%
29) Benzene-d6	8.27	84	1531654	29.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.20%
33) 1,2-Dichloropropane-d6	9.27	67	597397	37.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	150.76%#
37) Toluene-d8	10.32	98	2338829	48.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	195.76%#
38) trans-1,3-Dichloropropene-	10.57	79	332190	50.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	202.96%#
39) 2-Hexanone-d5	10.92	63	224133	82.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.40%#
48) 1,1,2,2-Tetrachloroethane-	12.71	84	827483	69.52	ug/L	0.02
Spiked Amount	25.000	Range	45 - 120	Recovery	=	278.08%#
61) 1,2-Dichlorobenzene-d4	13.86	152	408194	27.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.64%

Target Compounds

					Ovalue
13) Acetone	4.12	43	69894	11.906	ug/L 92
14) Carbon disulfide	4.38	76	61456	1.231	ug/L 96
34) Benzene	8.32	78	84210	1.412	ug/L 100
36) Methylcyclohexane	9.34	83	13263554	491.046	ug/L # 67
44) Toluene	10.39	91	394199	6.323	ug/L 98
53) Ethylbenzene	11.73	91	19058433m	278.047	ug/L
54) m,p-Xylene	11.84	106	17999237m	693.917	ug/L
55) o-xylene	12.17	106	5280516	215.527	ug/L 91
57) Isopropylbenzene	12.47	105	14961416	229.569	ug/L 94

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

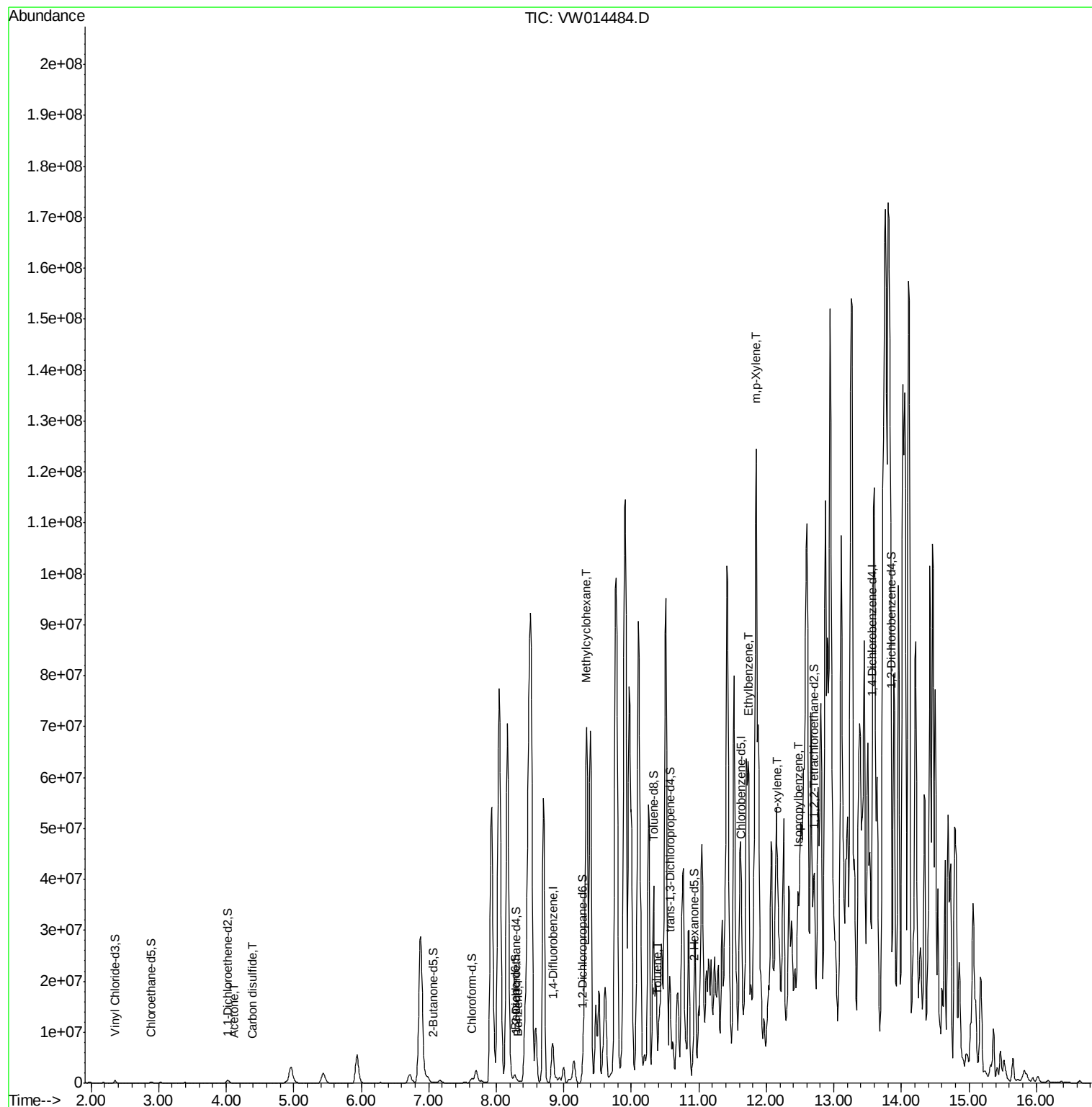
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014484.D
Acq On : 28 Dec 2019 01:17
Operator : SY/VA
Sample : K6397-01
Misc : 5.28G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

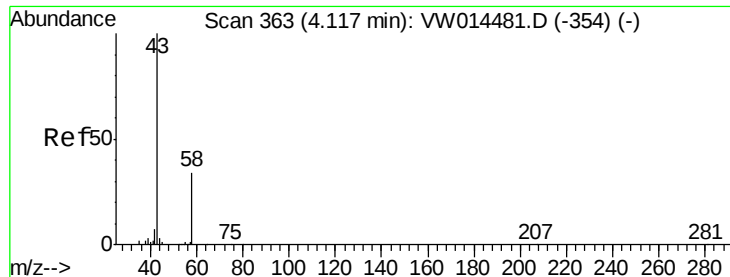
Instrument :
MSVOA_W
ClientSampleId :
ETK90

Manual Integrations
APPROVED

apatel
12/30/2019 11:02:10 AM

Quant Time: Dec 28 04:01:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 28 03:24:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 11.906 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA_W

ClientSampleId :

ETK90

Tot Ion: 43 Resp: 69894

Ion Ratio Lower Upper

43 100

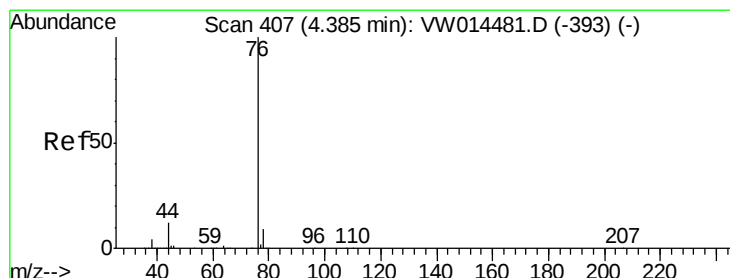
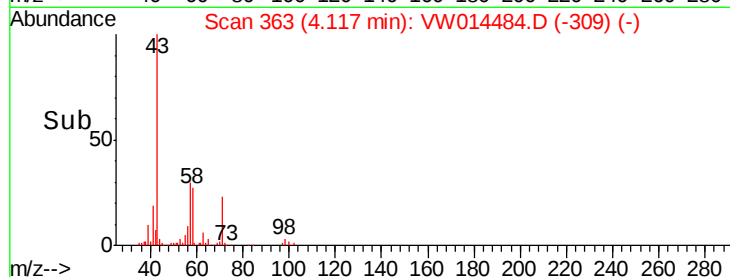
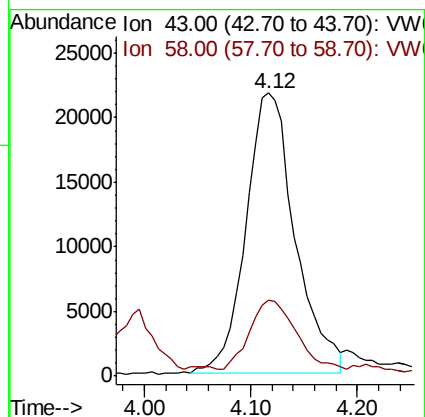
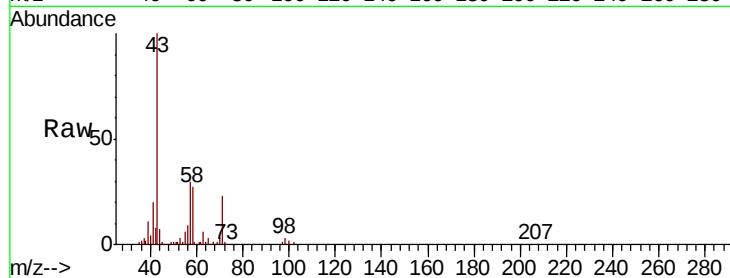
58 27.4 0.0 64.0

Manual Integrations

APPROVED

apatel

12/30/2019 11:02:10 AM



#14

Carbon disulfide

Concen: 1.231 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW014484.D

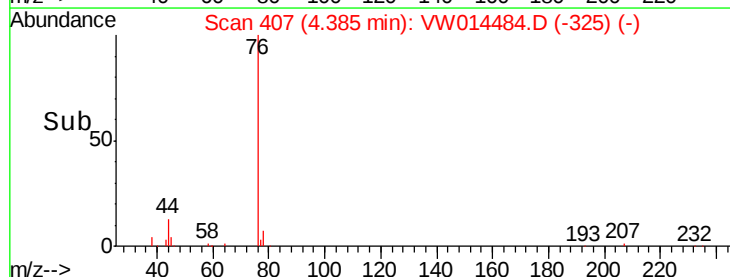
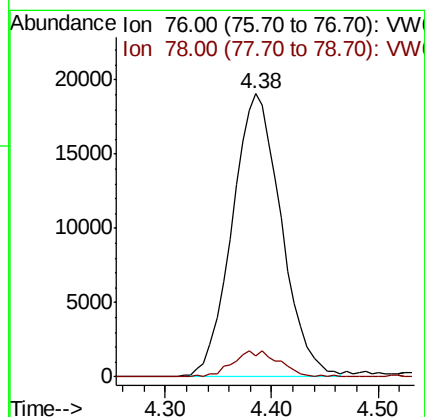
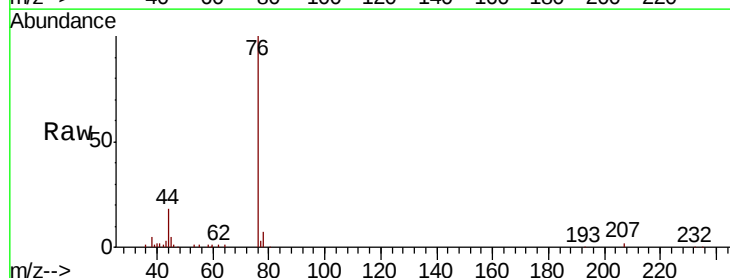
Acq: 28 Dec 2019 01:17

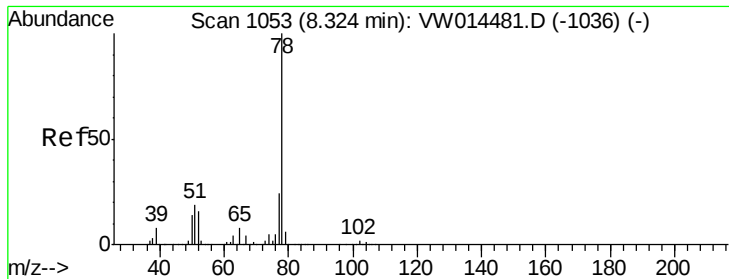
Tgt Ion: 76 Resp: 61456

Ion Ratio Lower Upper

76 100

78 7.3 6.9 10.3





#34

Benzene

Concen: 1.412 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA_W

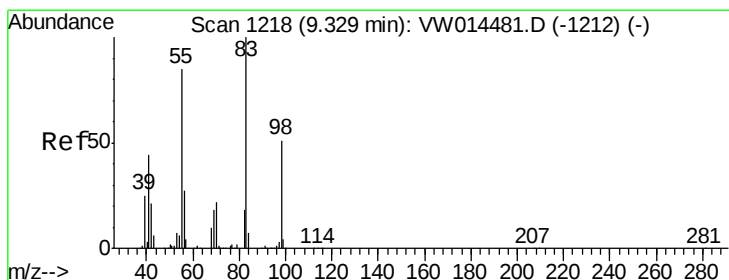
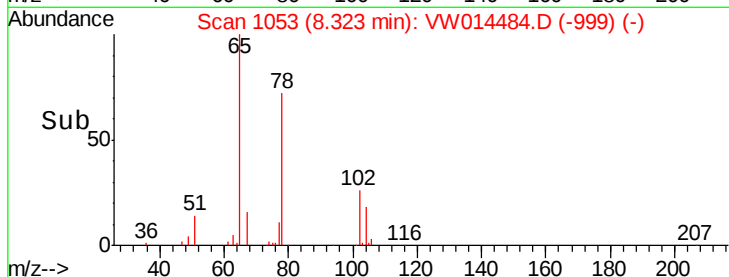
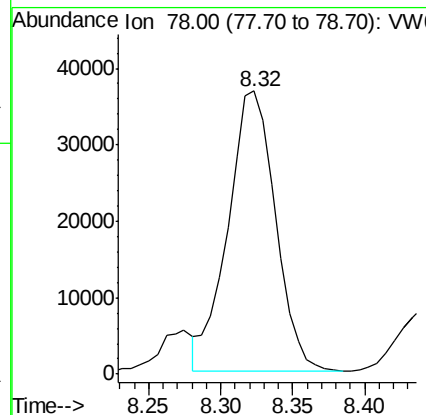
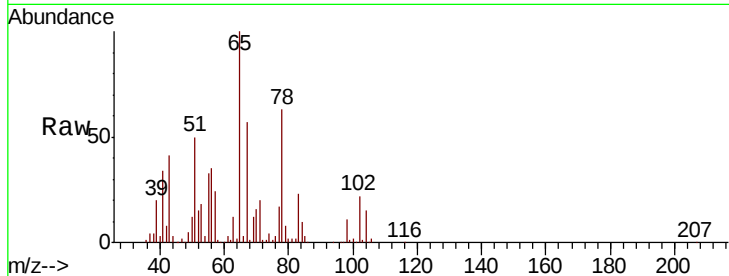
ClientSampleId :

ETK90

Tgt Ion: 78 Resp: 84210

Manual Integrations
APPROVED

apatel
12/30/2019 11:02:10 AM



#36

Methylcyclohexane

Concen: 491.046 ug/L

RT: 9.34 min Scan# 1219

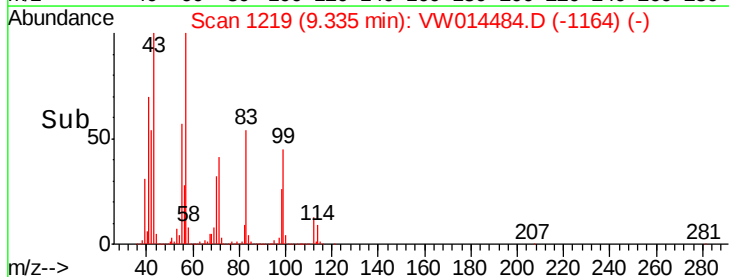
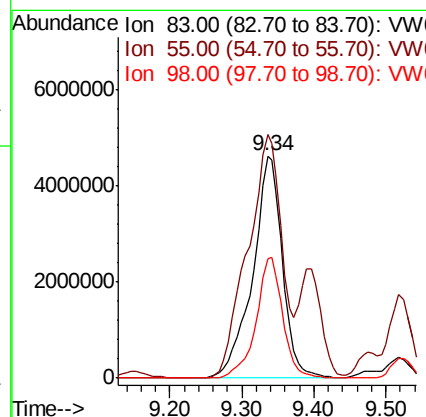
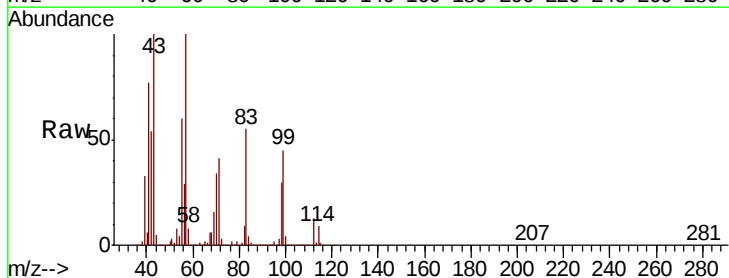
Delta R.T. 0.01 min

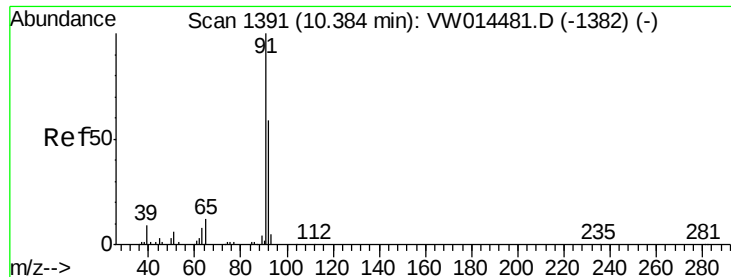
Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Tgt Ion: 83 Resp: 13263554

Ion	Ratio	Lower	Upper
83	100		
55	126.3	63.7	95.5#
98	48.7	39.4	59.2





#44

Toluene

Concen: 6.323 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA_W

ClientSampled :

ETK90

Tot Ion: 91 Resp: 394199

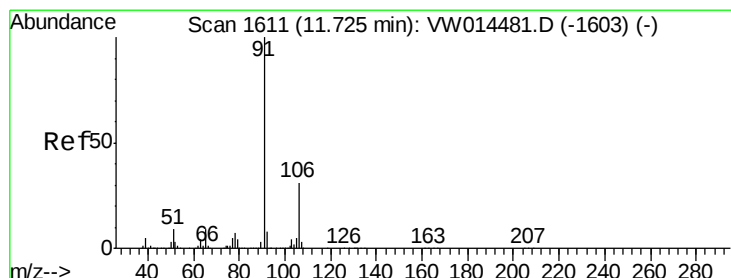
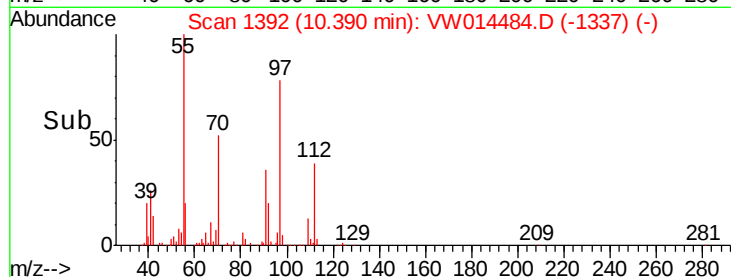
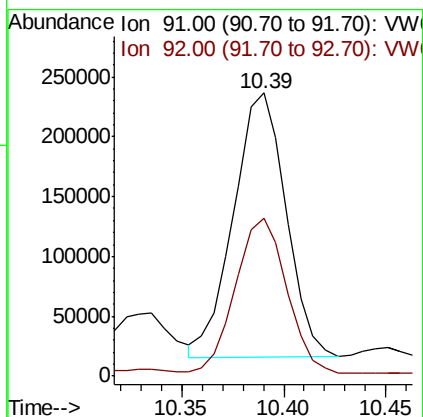
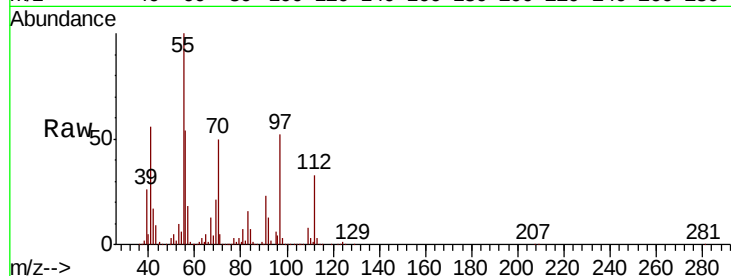
Ion Ratio Lower Upper

91 100

92 55.9 40.2 74.6

Manual Integrations
APPROVED

apatel
12/30/2019 11:02:10 AM



#53

Ethylbenzene

Concen: 278.047 ug/L m

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014484.D

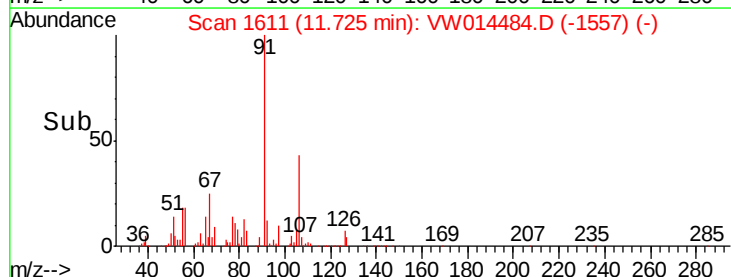
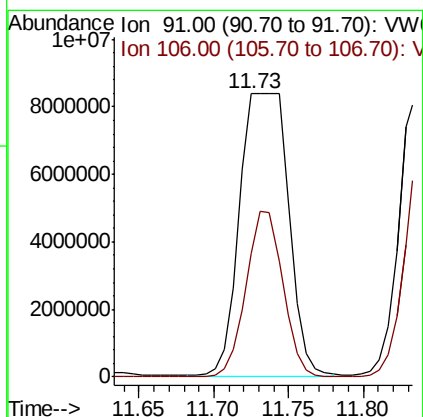
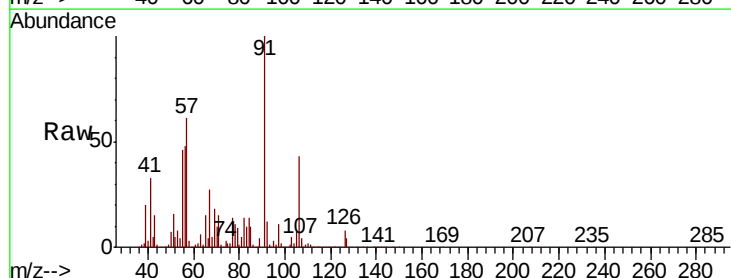
Acq: 28 Dec 2019 01:17

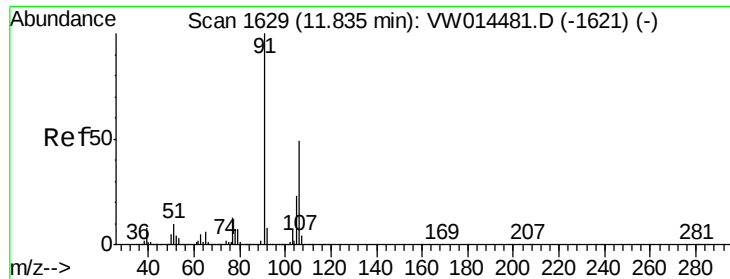
Tgt Ion: 91 Resp: 19058433

Ion Ratio Lower Upper

91 100

106 43.4 21.8 40.6#





#54

m,p-Xylene

Concen: 693.917 ug/L m

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA_W

ClientSampleId :

ETK90

Tot Ion:106 Resp:17999237

Ion Ratio Lower Upper

106 100

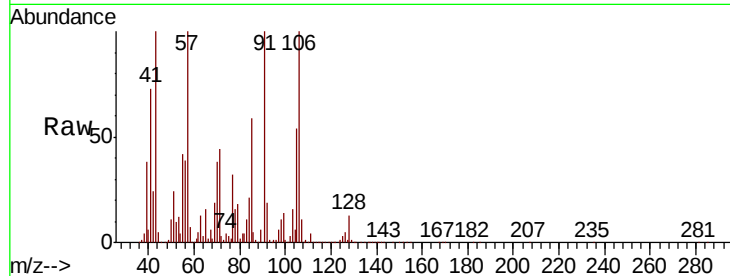
91 100.0 142.2 264.0#

Manual Integrations

APPROVED

apatel

12/30/2019 11:02:10 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

11.84

8000000

6000000

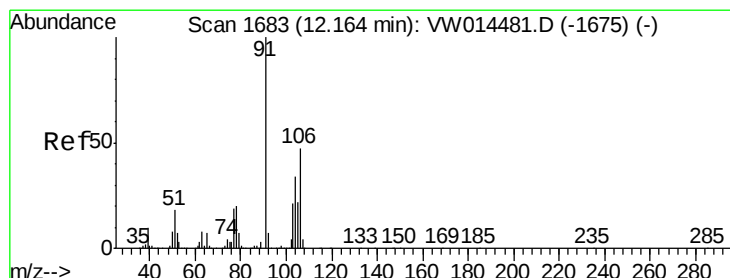
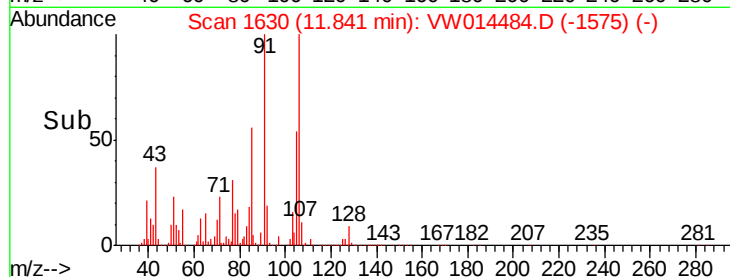
4000000

2000000

0

11.80 11.90

Time-->



#55

o-xylene

Concen: 215.527 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW014484.D

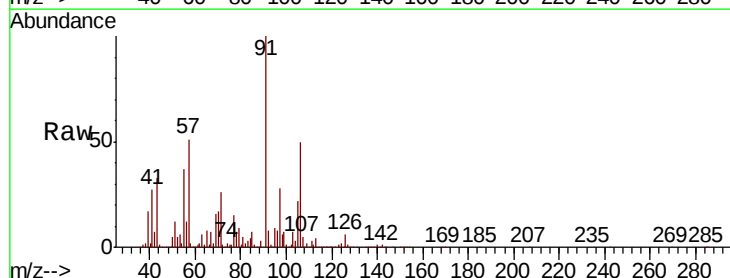
Acq: 28 Dec 2019 01:17

Tgt Ion:106 Resp: 5280516

Ion Ratio Lower Upper

106 100

91 198.7 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

12.17

6000000

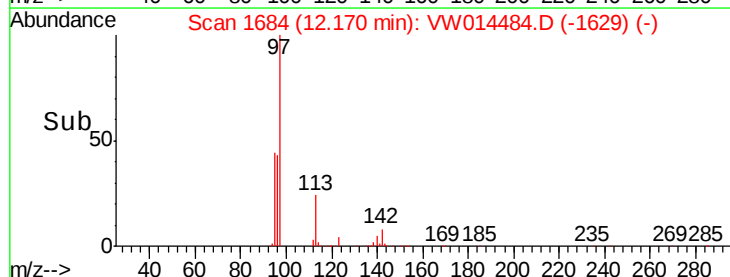
4000000

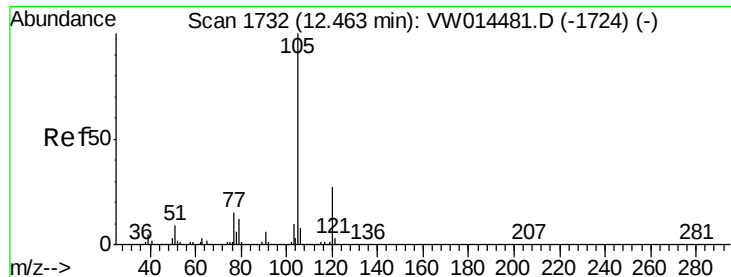
2000000

0

12.10 12.15 12.20 12.25

Time-->





#57

Isopropylbenzene

Concen: 229.569 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW014484.D

Acq: 28 Dec 2019 01:17

Instrument :

MSVOA_W

ClientSampleId :

ETK90

Tot Ion:105 Resp:14961416

Ion Ratio Lower Upper

105 100

120 29.2 21.0 31.6

77 17.5 12.2 18.2

Manual Integrations

APPROVED

apatel

12/30/2019 11:02:10 AM

