

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017481.D
 Acq On : 24 Nov 2020 18:42
 Operator : SY/VA
 Sample : L4853-02RE
 Misc : 4.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD1RE

Manual Integrations
 APPROVED

mmdadoda
 11/26/2020 1:52:09 PM

Quant Time: Nov 25 02:49:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	496783	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350945	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	158660	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.12%
7) Chloroethane-d5	2.89	69	128425	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.16%
10) 1,1-Dichloroethene-d2	4.03	63	254196	17.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.88%
20) 2-Butanone-d5	7.09	46	75955	55.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.22%
24) Chloroform-d	7.65	84	340113	24.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	8.31	65	179135	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.48%
29) Benzene-d6	8.27	84	663239	30.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.92%
33) 1,2-Dichloropropane-d6	9.27	67	191659	32.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.40%#
37) Toluene-d8	10.33	98	517761	26.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.40%
38) trans-1,3-Dichloropropene-	10.58	79	76952	28.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.36%
39) 2-Hexanone-d5	10.93	63	57369	77.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.24%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118364	27.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	92857	25.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.48%

Target Compounds

					Ovalue
13) Acetone	4.14	43	8392	6.328 ug/L	97
16) Methylene chloride	4.93	84	11853	1.589 ug/L	90
36) Methylcyclohexane	9.34	83	2477	0.256 ug/L #	65
44) Toluene	10.39	91	10576	0.466 ug/L	91
54) m,p-Xylene	11.83	106	2676m	0.273 ug/L	
55) o-xylene	12.16	106	3430	0.375 ug/L	85
57) Isopropylbenzene	12.47	105	6948	0.277 ug/L #	64

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

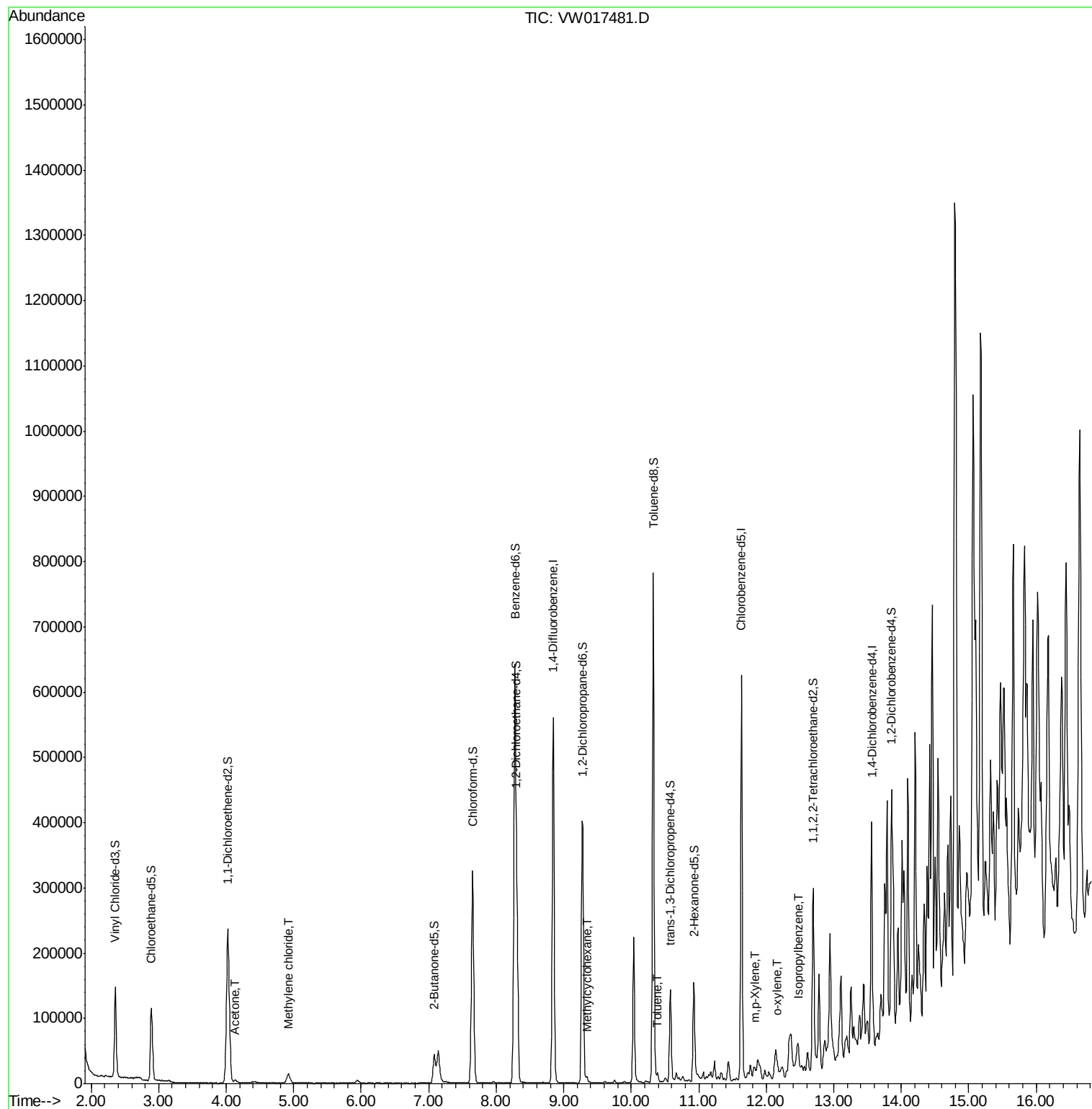
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112420\
Data File : VW017481.D
Acq On : 24 Nov 2020 18:42
Operator : SY/VA
Sample : L4853-02RE
Misc : 4.83G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

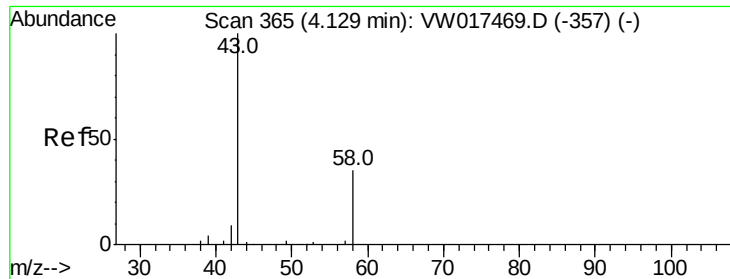
Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

Manual Integrations
APPROVED

mmdadoda
11/26/2020 1:52:09 PM

Quant Time: Nov 25 02:49:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.328 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017481.D

Acq: 24 Nov 2020 18:42

Instrument :

MSVOA_W

ClientSampleId :

C0AD1RE

Tot Ion: 43 Resp: 8392

Ion Ratio Lower Upper

43 100

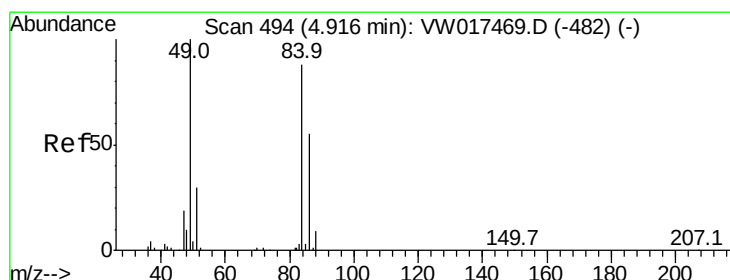
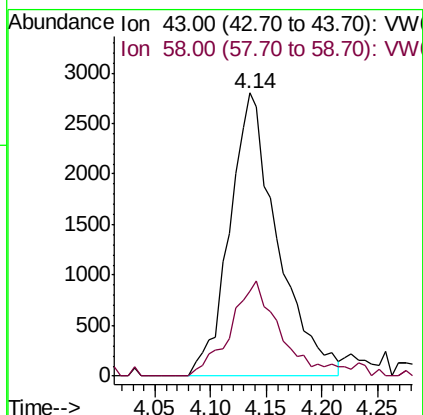
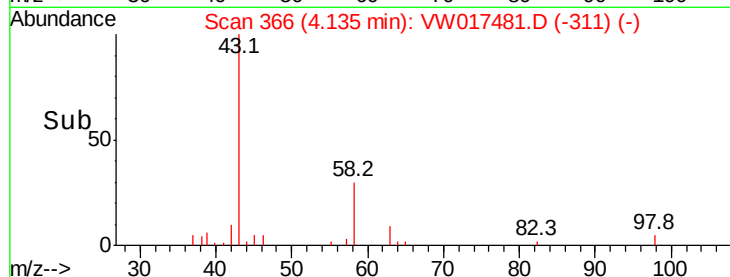
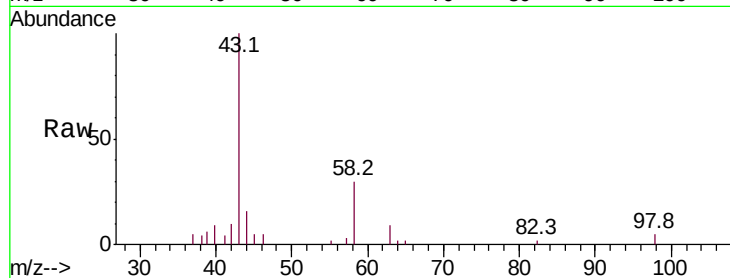
58 32.7 0.0 68.4

Manual Integrations

APPROVED

mmdadoda

11/26/2020 1:52:09 PM



#16

Methylene chloride

Concen: 1.589 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017481.D

Acq: 24 Nov 2020 18:42

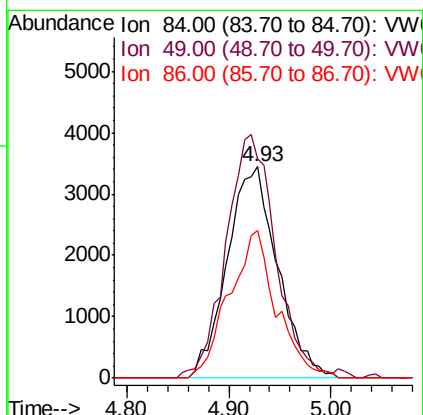
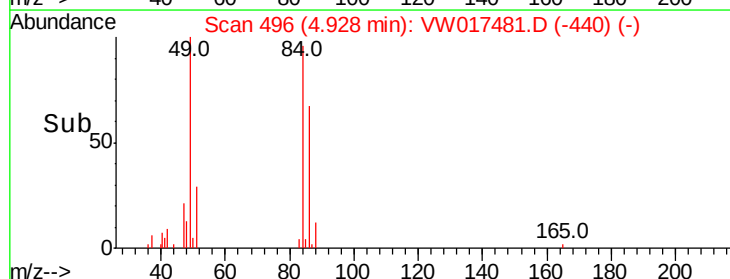
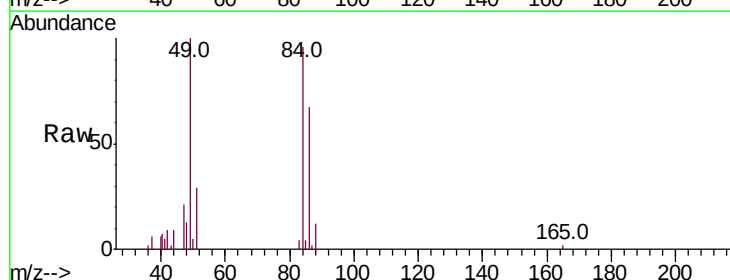
Tgt Ion: 84 Resp: 11853

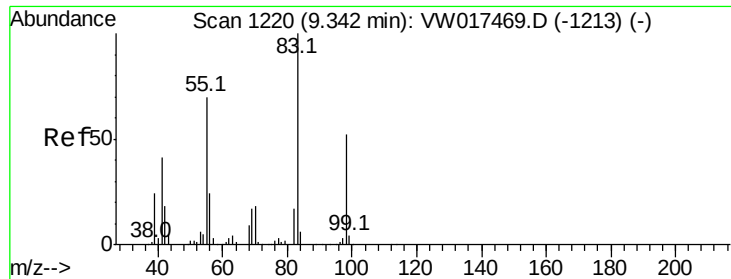
Ion Ratio Lower Upper

84 100

49 103.7 81.2 150.8

86 69.9 44.5 82.7





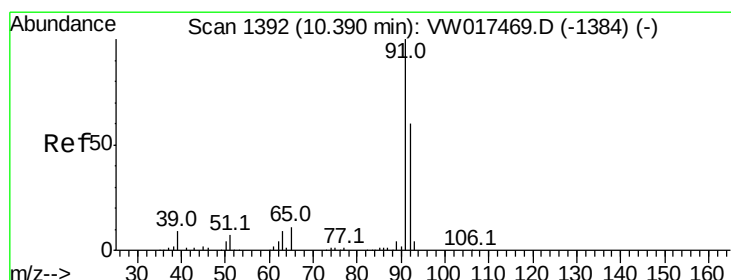
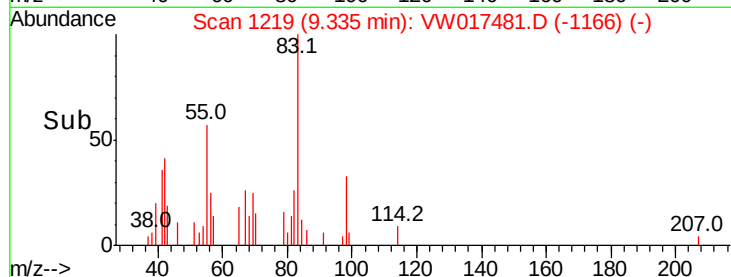
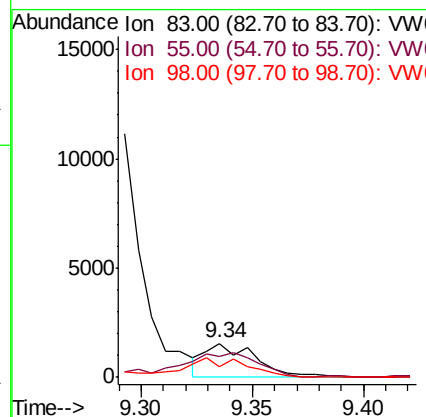
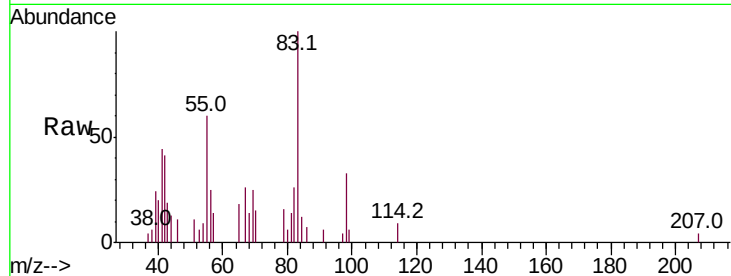
#36
Methylvlcyclohexane
Concen: 0.256 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW017481.D
Acq: 24 Nov 2020 18:42

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

Tot Ion	Ratio	Lower	Upper
83	100		
55	102.1	59.4	89.0#
98	24.3	40.7	61.1#

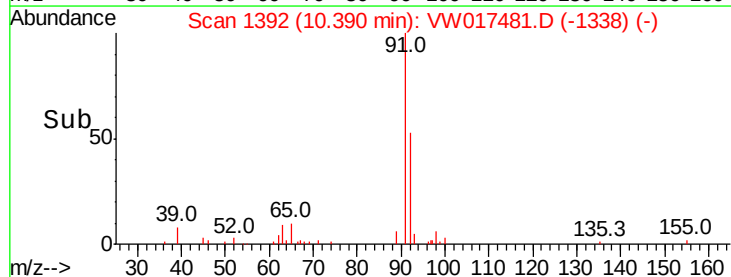
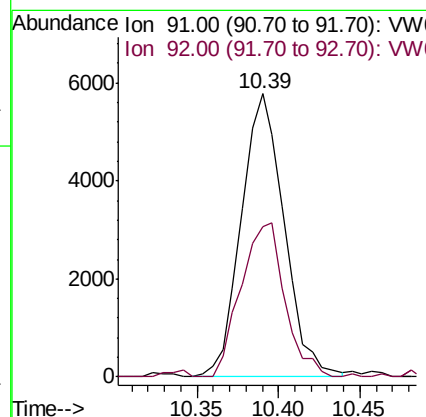
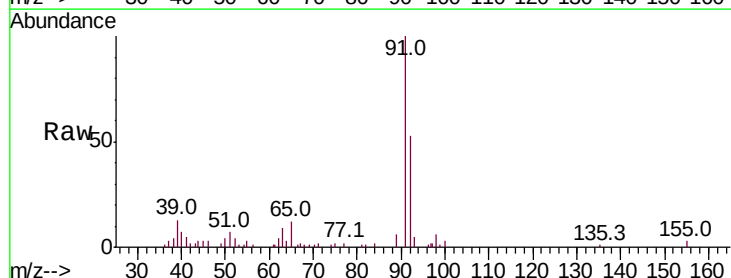
Manual Integrations
APPROVED

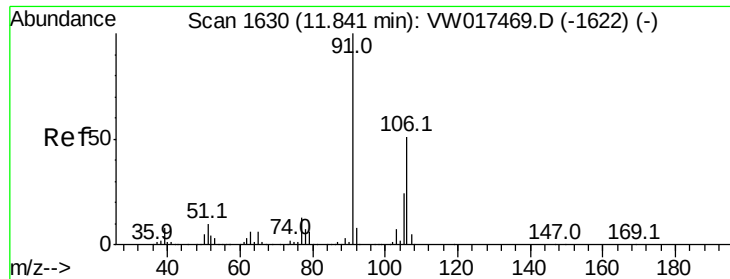
mmdadoda
11/26/2020 1:52:09 PM



#44
Toluene
Concen: 0.466 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW017481.D
Acq: 24 Nov 2020 18:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	41.6	77.3





#54

m,p-Xylene

Concen: 0.273 ug/L m

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW017481.D

Acq: 24 Nov 2020 18:42

Instrument :

MSVOA_W

ClientSampleId :

C0AD1RE

Tot Ion:106 Resp: 2676

Ion Ratio Lower Upper

106 100

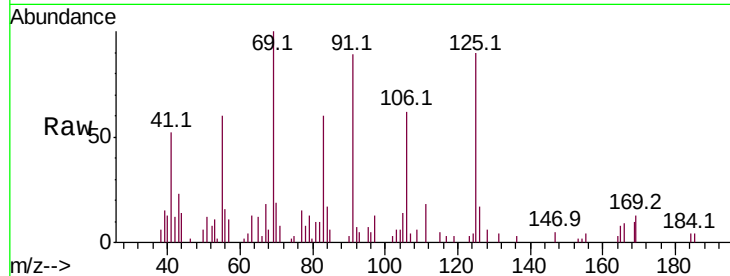
91 144.2 136.4 253.4

Manual Integrations

APPROVED

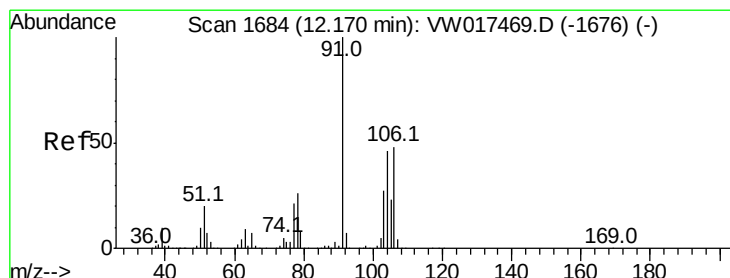
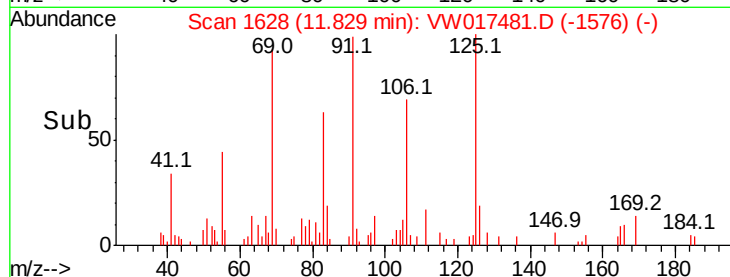
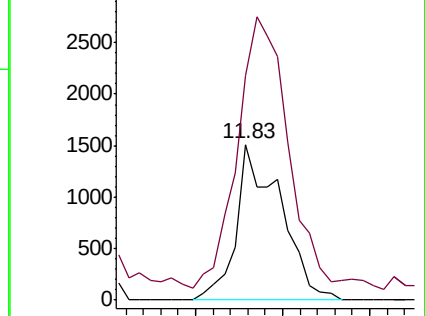
mmdadoda

11/26/2020 1:52:09 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.375 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW017481.D

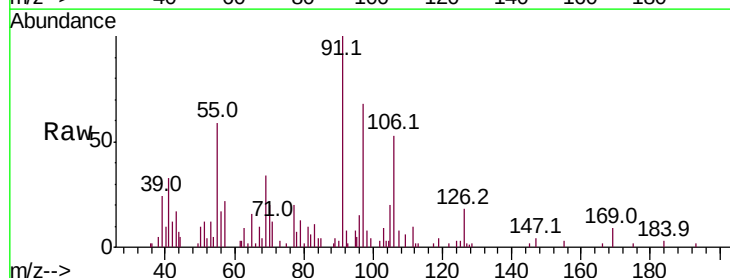
Acq: 24 Nov 2020 18:42

Tgt Ion:106 Resp: 3430

Ion Ratio Lower Upper

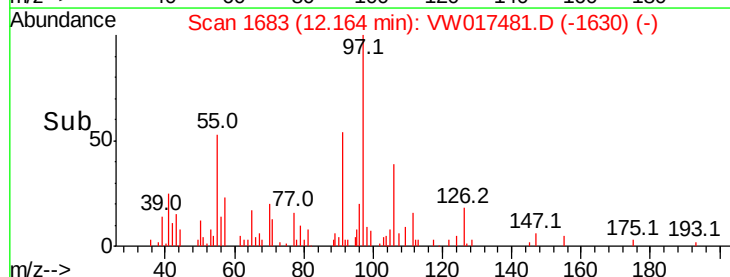
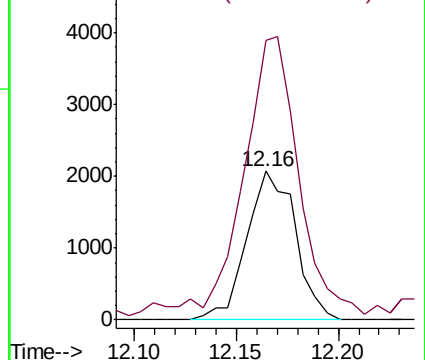
106 100

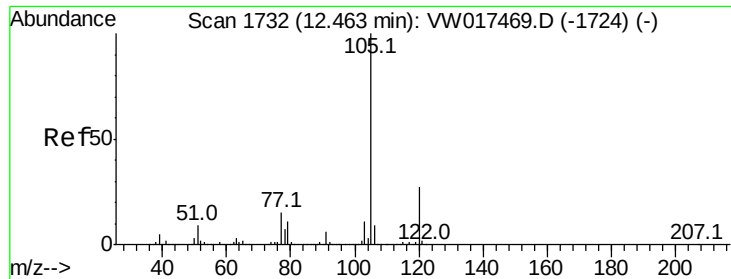
91 187.7 147.6 274.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#57

Isopropylbenzene

Concen: 0.277 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW017481.D

Acq: 24 Nov 2020 18:42

Instrument :

MSVOA_W

ClientSampleId :

C0AD1RE

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.4	32.2
77	55.6	12.1	18.1#

Manual Integrations
APPROVED

mmdadoda
11/26/2020 1:52:09 PM

