

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013801.D
 Acq On : 29 Oct 2019 18:39
 Operator : SY/VA
 Sample : K5565-02
 Misc : 6.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLNA1

Quant Time: Oct 30 07:12:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 06:58:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	333018	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296935	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138523	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95099	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.08%
7) Chloroethane-d5	2.89	69	76938	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.68%
10) 1,1-Dichloroethene-d2	4.02	63	143156	15.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.44%
20) 2-Butanone-d5	7.07	46	65865	45.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.14%
24) Chloroform-d	7.65	84	201423	21.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.48%
26) 1,2-Dichloroethane-d4	8.31	65	110563	22.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.76%
29) Benzene-d6	8.27	84	425183	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
33) 1,2-Dichloropropane-d6	9.27	67	129508	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.24%
37) Toluene-d8	10.32	98	376072	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.44%
38) trans-1,3-Dichloropropene-	10.57	79	52533	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.44%
39) 2-Hexanone-d5	10.92	63	50545	49.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100157	22.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	106994	21.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.44%

Target Compounds

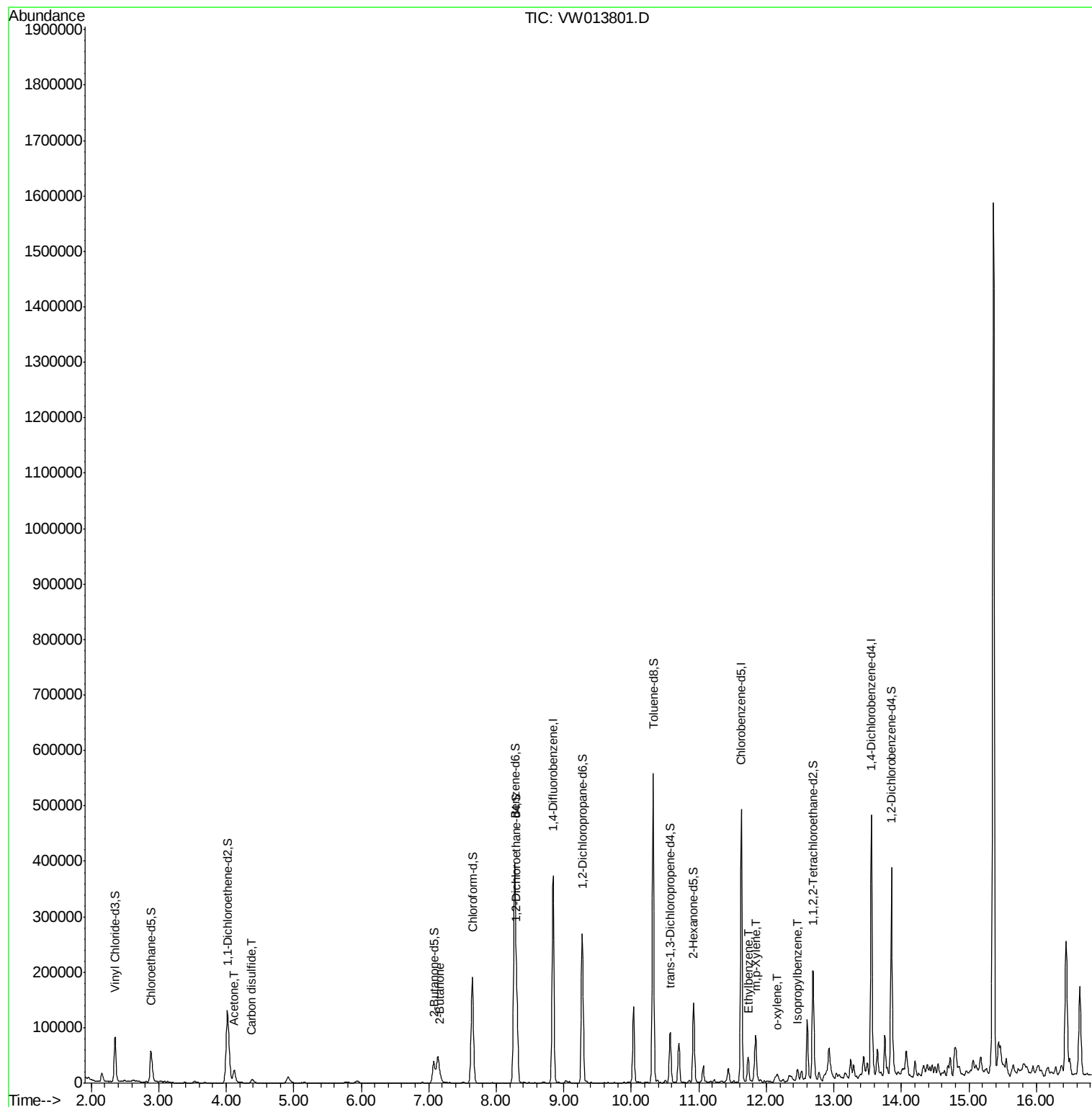
					Ovalue
13) Acetone	4.12	43	40314	24.856	ug/L 97
14) Carbon disulfide	4.38	76	6222	0.411	ug/L 96
21) 2-Butanone	7.16	43	15994	7.767	ug/L 97
53) Ethylbenzene	11.73	91	33072	1.308	ug/L 99
54) m,p-Xylene	11.84	106	25172	2.576	ug/L 96
55) o-xylene	12.16	106	2771	0.299	ug/L 71
57) Isopropylbenzene	12.46	105	10458	0.420	ug/L # 88

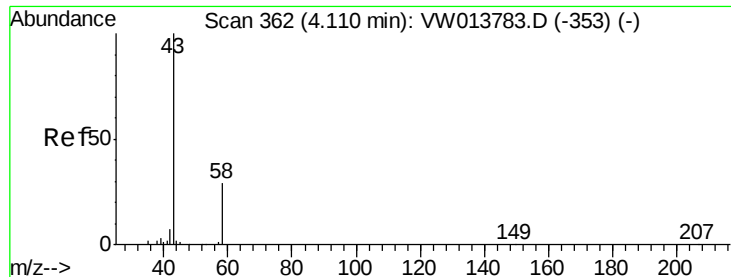
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 24.856 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW013801.D

Acq: 29 Oct 2019 18:39

Instrument :

MSVOA_W

ClientSampleId :

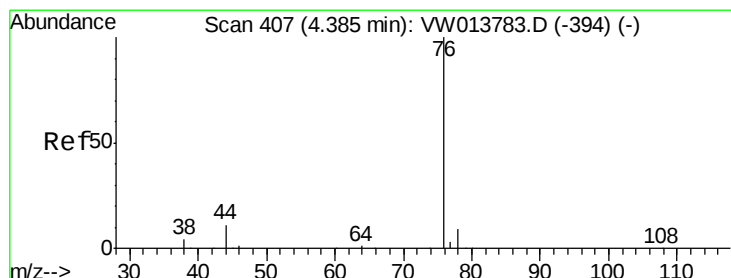
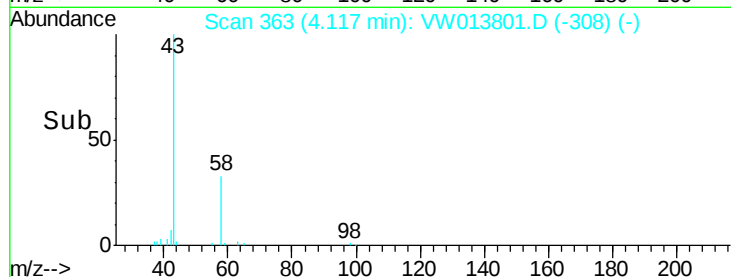
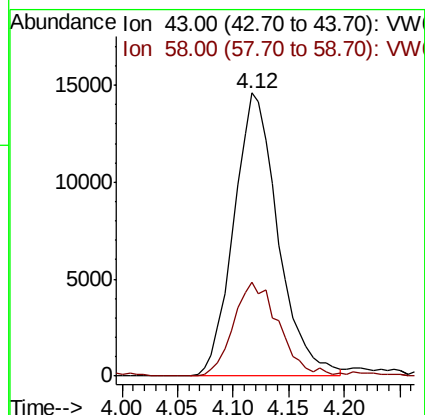
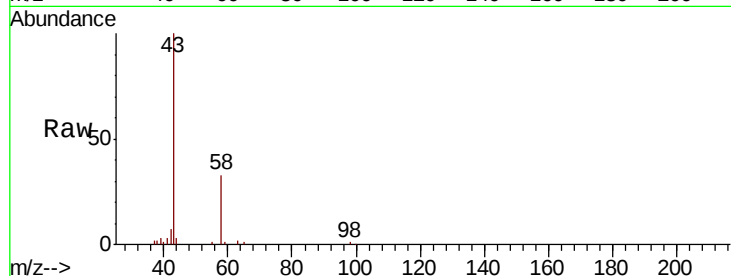
JLNA1

Tot Ion: 43 Resp: 40314

Ion Ratio Lower Upper

43 100

58 33.2 0.0 70.4



#14

Carbon disulfide

Concen: 0.411 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW013801.D

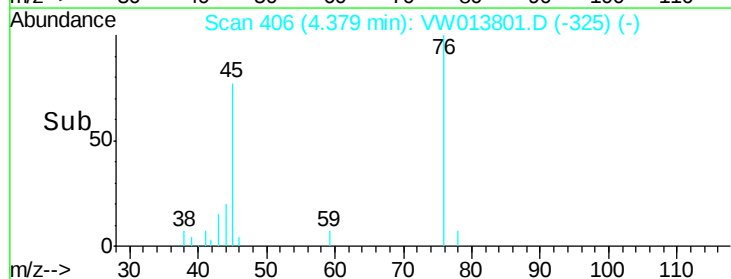
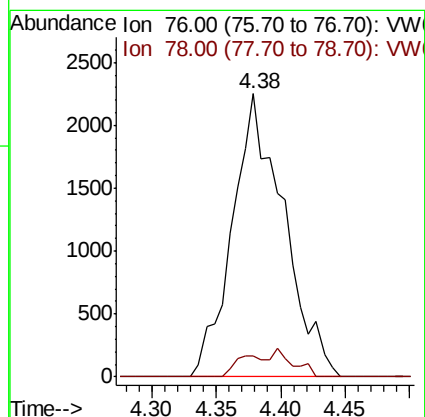
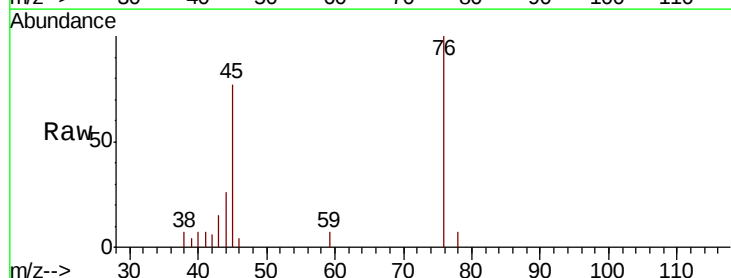
Acq: 29 Oct 2019 18:39

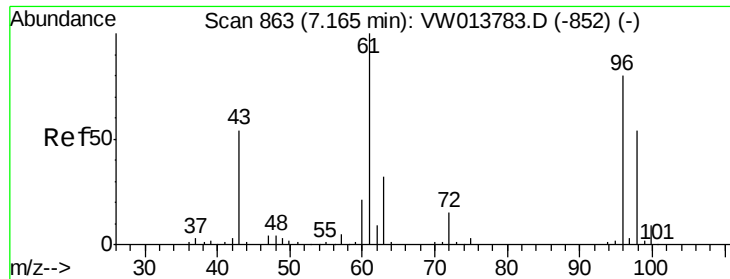
Tgt Ion: 76 Resp: 6222

Ion Ratio Lower Upper

76 100

78 7.4 7.1 10.7





#21

2-Butanone

Concen: 7.767 ug/L

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013801.D

Acq: 29 Oct 2019 18:39

Instrument :

MSVOA_W

ClientSampleId :

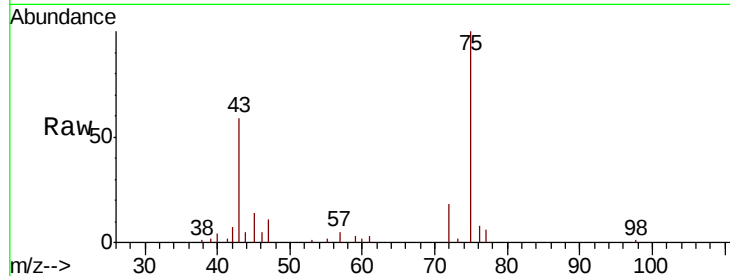
JLNA1

Tot Ion: 43 Resp: 15994

Ion Ratio Lower Upper

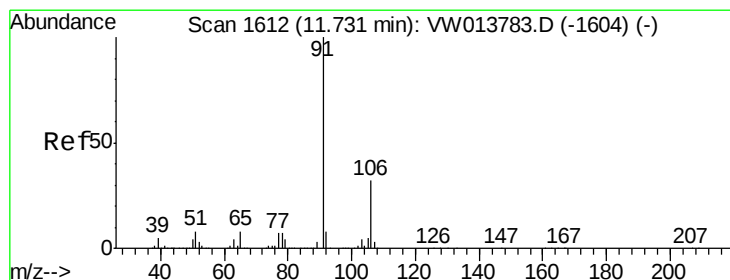
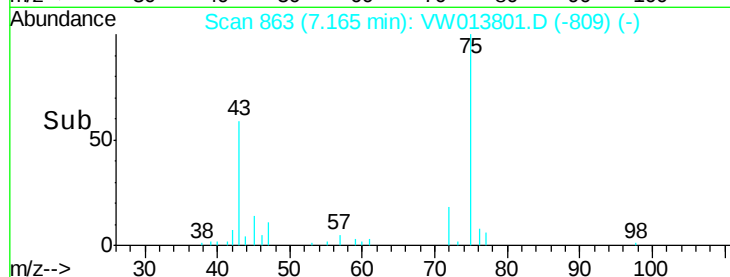
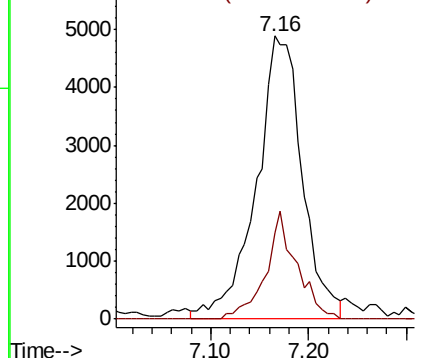
43 100

72 25.8 13.7 41.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#53

Ethylbenzene

Concen: 1.308 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW013801.D

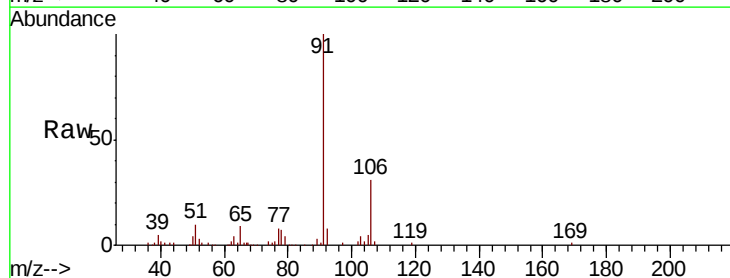
Acq: 29 Oct 2019 18:39

Tgt Ion: 91 Resp: 33072

Ion Ratio Lower Upper

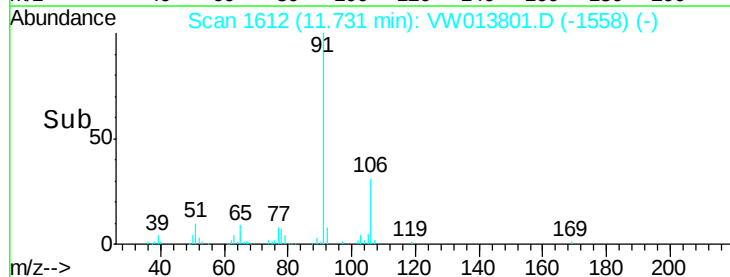
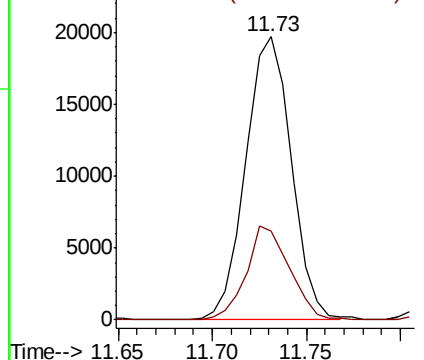
91 100

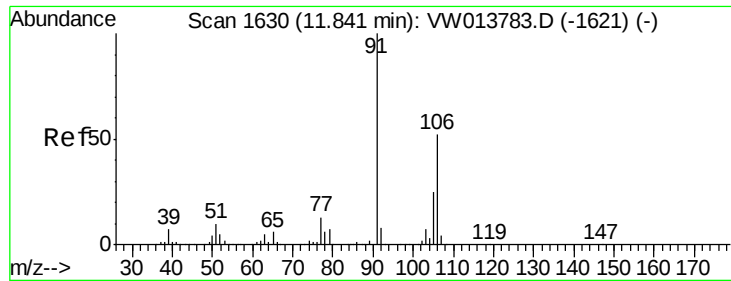
106 31.2 22.3 41.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

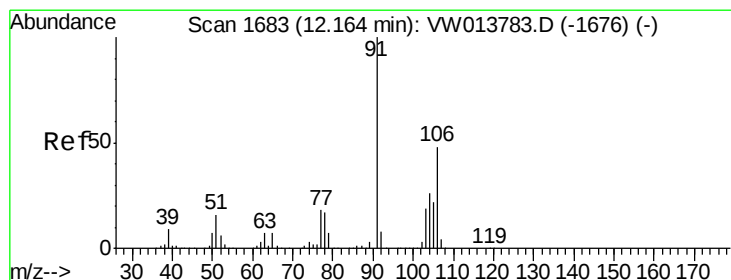
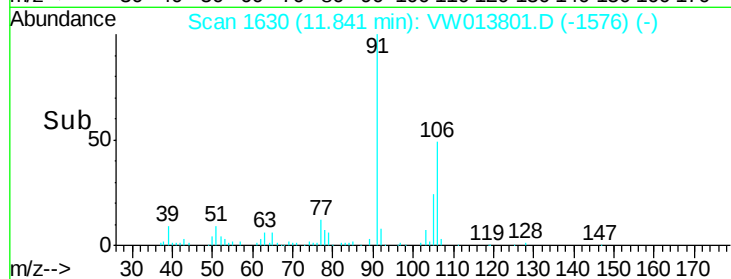
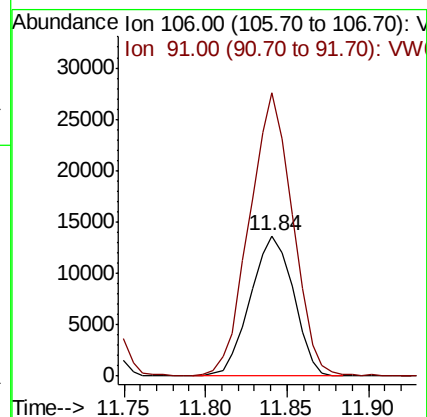
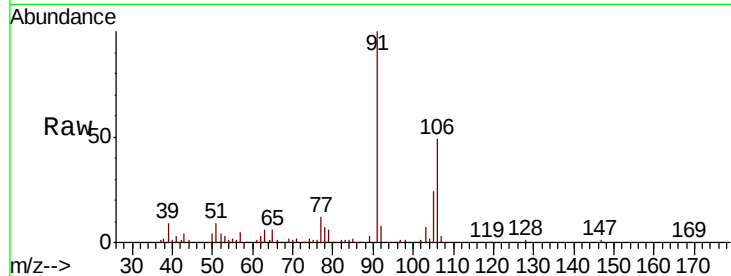




#54
m,p-Xylene
Concen: 2.576 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW013801.D
Acq: 29 Oct 2019 18:39

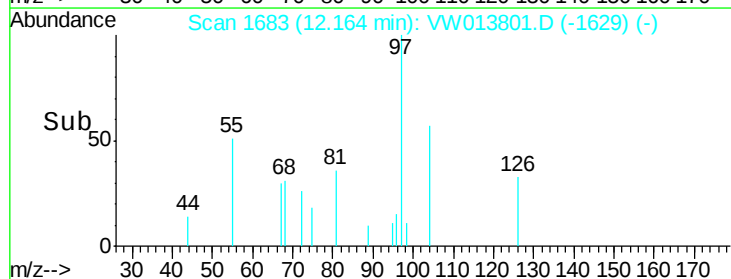
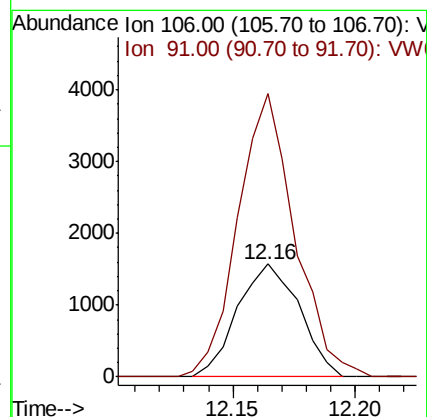
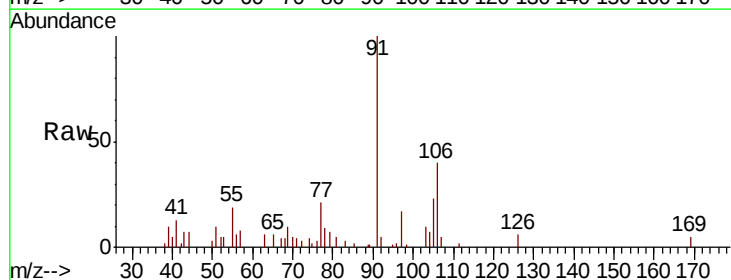
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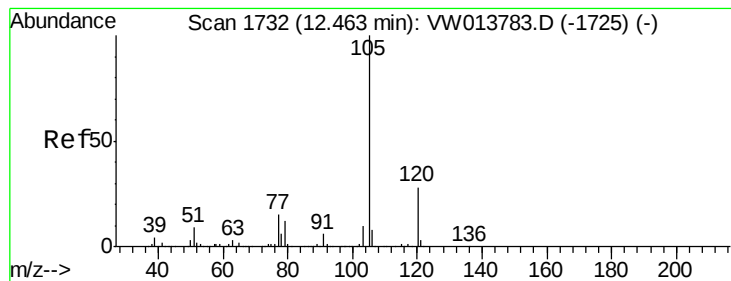
Tot Ion:106 Resp: 25172
Ion Ratio Lower Upper
106 100
91 202.1 137.7 255.7



#55
o-xylene
Concen: 0.299 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013801.D
Acq: 29 Oct 2019 18:39

Tgt Ion:106 Resp: 2771
Ion Ratio Lower Upper
106 100
91 251.5 144.8 269.0





#57

Isopropylbenzene

Concen: 0.420 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013801.D

Acq: 29 Oct 2019 18:39

Instrument :

MSVOA_W

ClientSampleId :

JLNA1

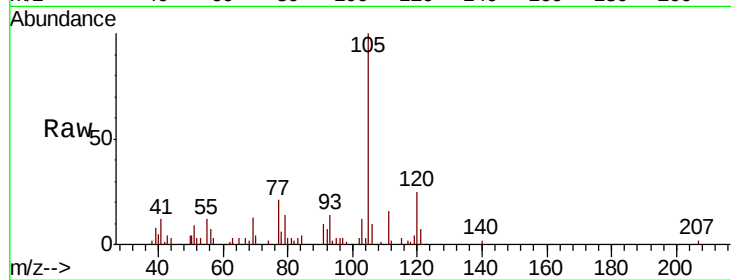
Tot Ion:105 Resp: 10458

Ion Ratio Lower Upper

105 100

120 24.0 21.4 32.2

77 23.9 11.4 17.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

