

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009776.D
 Acq On : 06 Apr 2019 16:51
 Operator : SY/VA
 Sample : K2277-21
 Misc : 5.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R5

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:09 AM

Quant Time: Apr 07 06:34:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	513670	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	470834	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186355	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	181160	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.80%
7) Chloroethane-d5	2.89	69	167158	27.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.56%
10) 1,1-Dichloroethene-d2	4.01	63	310303	21.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.88%
20) 2-Butanone-d5	7.07	46	115667	53.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.00%
24) Chloroform-d	7.64	84	408672	29.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.64%
26) 1,2-Dichloroethane-d4	8.31	65	252676m	29.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.44%
29) Benzene-d6	8.27	84	770731	31.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.72%
33) 1,2-Dichloropropane-d6	9.27	67	238695	31.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.08%#
37) Toluene-d8	10.32	98	683944	29.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.72%
38) trans-1,3-Dichloropropene-	10.57	79	97150	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.72%
39) 2-Hexanone-d5	10.93	63	83325	57.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	186045	26.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	186551	28.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.12%

Target Compounds

					Ovalue
13) Acetone	4.12	43	2657982	1136.674	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	327372	43.139	ug/L 99
35) Trichloroethene	9.09	95	189344	25.540	ug/L 99
44) Toluene	10.38	91	1038477	34.606	ug/L 99
47) Tetrachloroethene	10.86	164	473430	81.083	ug/L 98
53) Ethylbenzene	11.73	91	76755	2.245	ug/L 97
54) m,p-Xylene	11.84	106	161446	12.769	ug/L 100
55) o-xylene	12.16	106	53499	4.443	ug/L 99

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

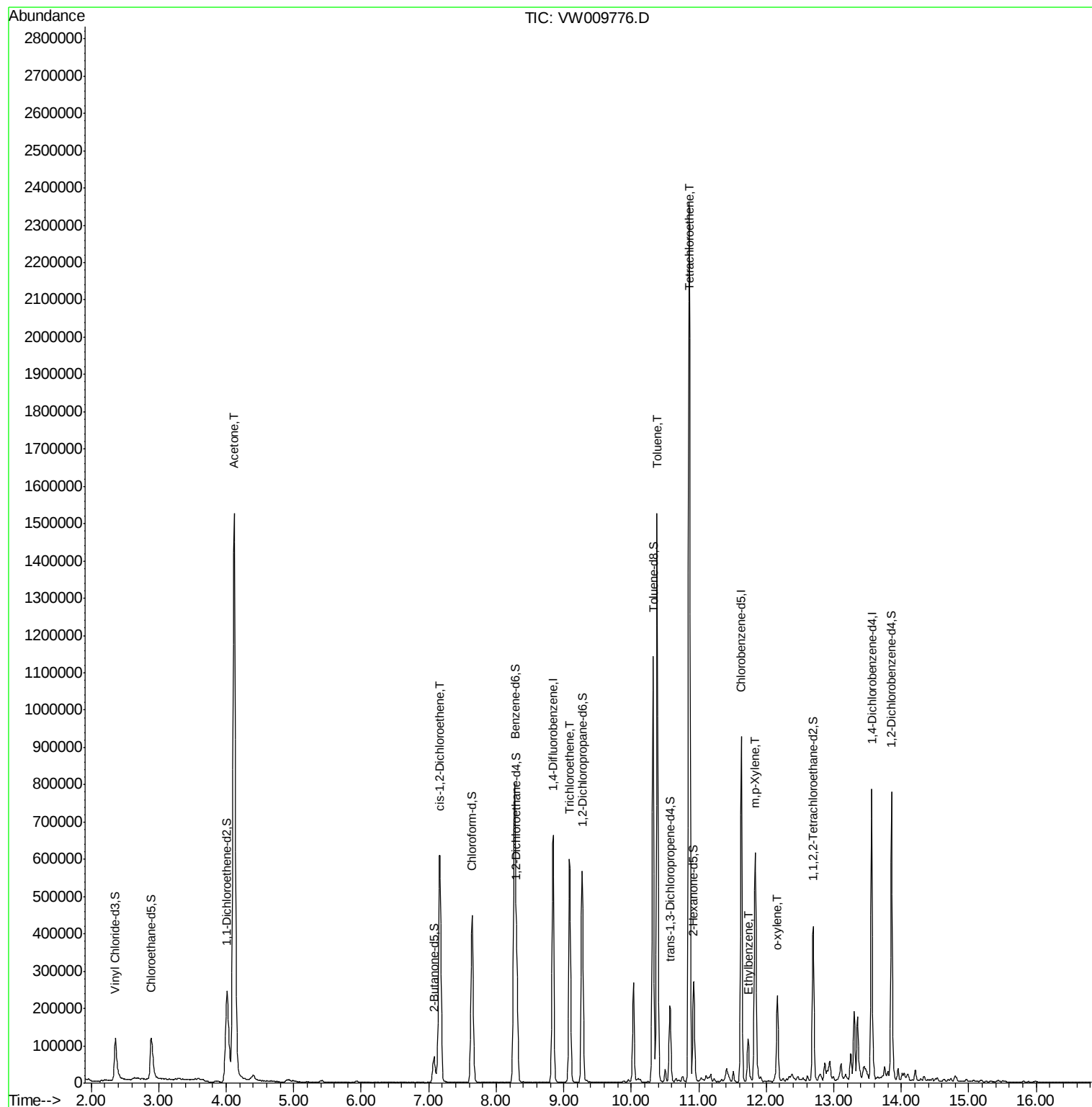
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009776.D
Acq On : 06 Apr 2019 16:51
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

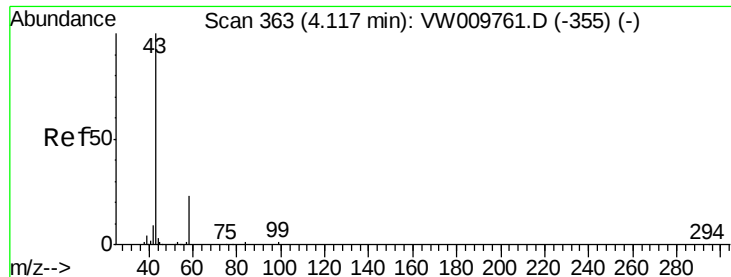
Instrument :
MSVOA_W
ClientSampleId :
BF2R5

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Quant Time: Apr 07 06:34:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1136.674 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009776.D

Acq: 06 Apr 2019 16:51

Instrument :

MSVOA_W

ClientSampled :

BF2R5

Tot Ion: 43 Resp: 2657982

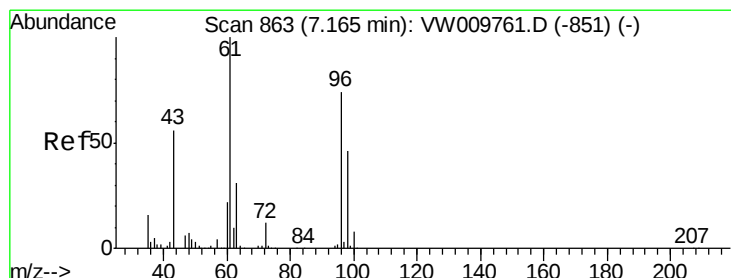
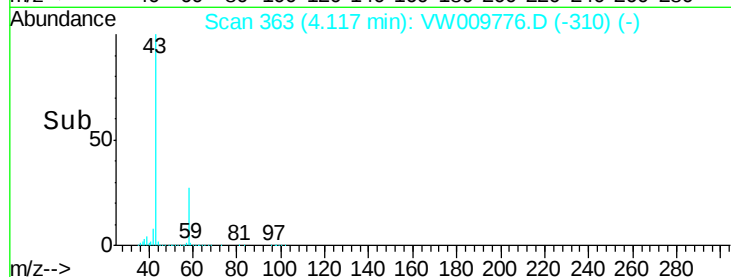
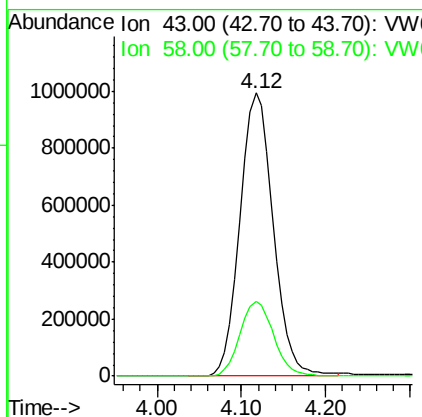
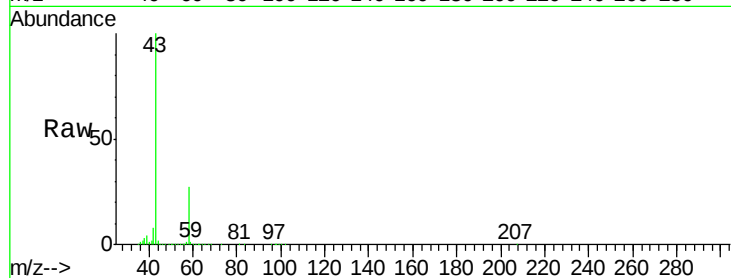
Ion Ratio Lower Upper

43 100

58 26.7 0.0 53.0

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 43.139 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009776.D

Acq: 06 Apr 2019 16:51

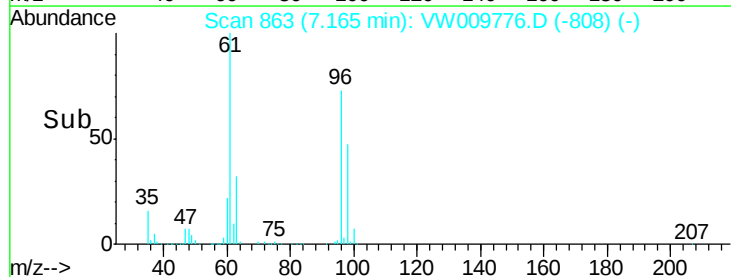
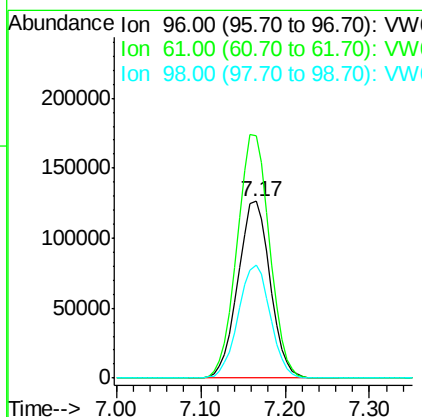
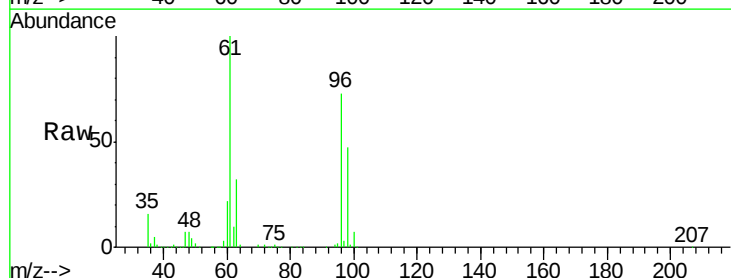
Tgt Ion: 96 Resp: 327372

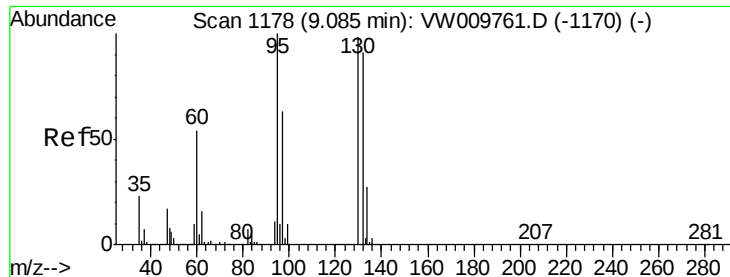
Ion Ratio Lower Upper

96 100

61 137.2 96.8 179.8

98 63.9 43.5 80.9





#35

Trichloroethene

Concen: 25.540 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009776.D

Acq: 06 Apr 2019 16:51

Instrument :

MSVOA_W

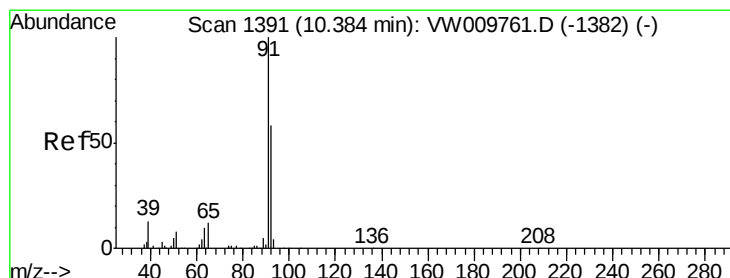
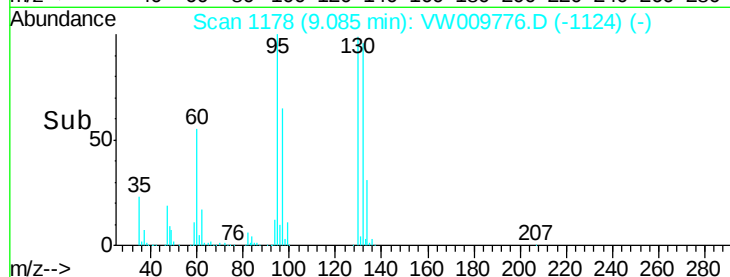
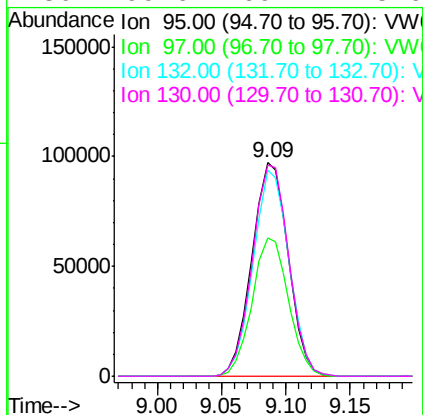
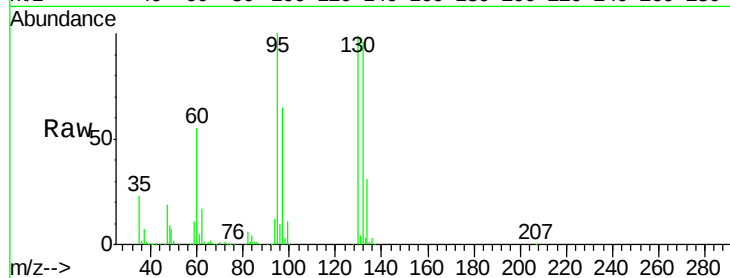
ClientSampled :

BF2R5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		189344		
97	64.9	44.9	83.5		
132	95.9	67.1	124.7		
130	99.6	69.2	128.6		

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#44

Toluene

Concen: 34.606 ug/L

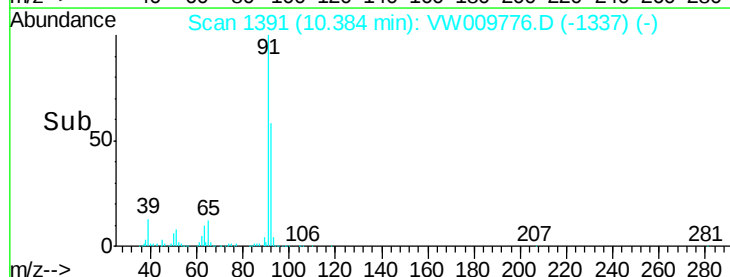
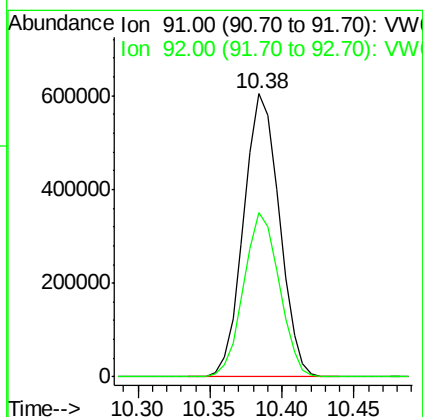
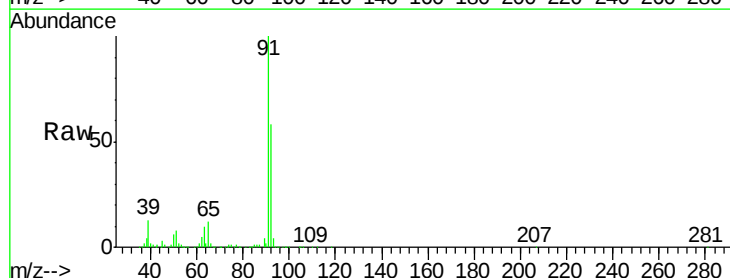
RT: 10.38 min Scan# 1391

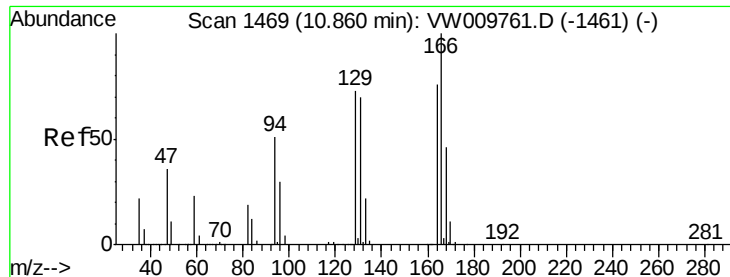
Delta R.T. 0.00 min

Lab File: VW009776.D

Acq: 06 Apr 2019 16:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1038477		
92	58.2	40.5	75.1		





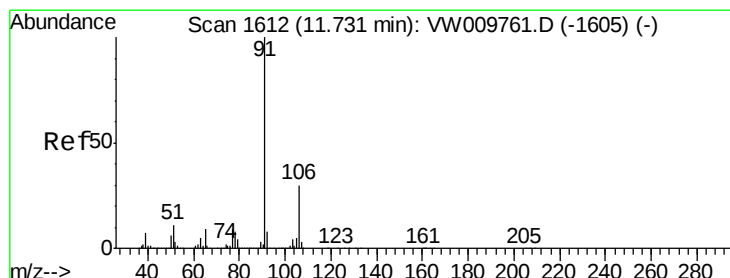
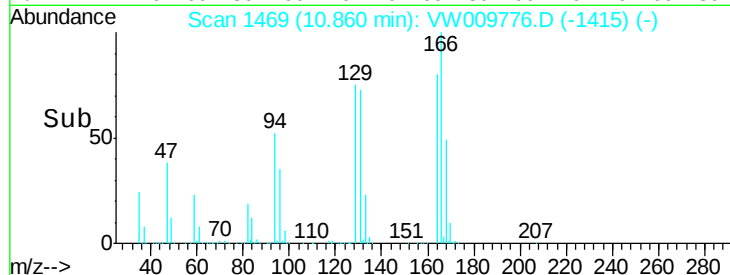
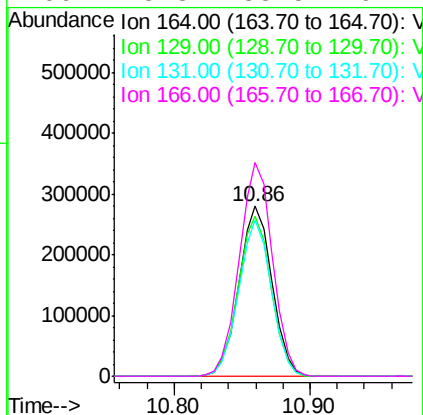
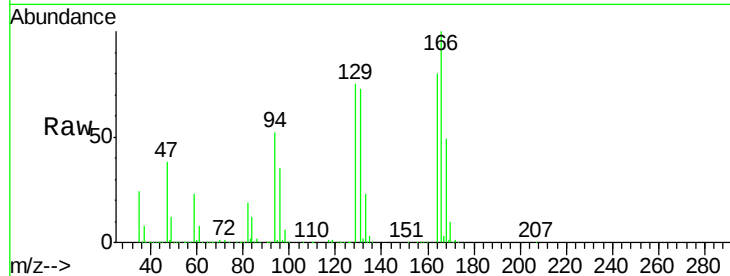
#47
Tetrachloroethene
Concen: 81.083 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009776.D
Acq: 06 Apr 2019 16:51

Instrument :
MSVOA_W
ClientSampled :
BF2R5

Tot Ion	Ratio	Lower	Upper
164	100		
129	94.6	68.9	127.9
131	92.3	63.1	117.1
166	125.8	88.5	164.4

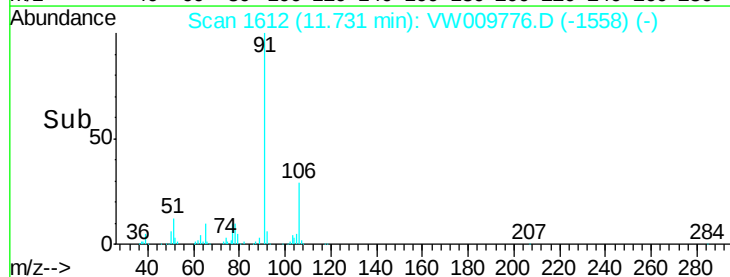
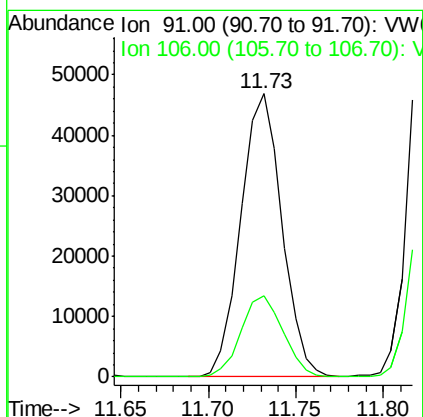
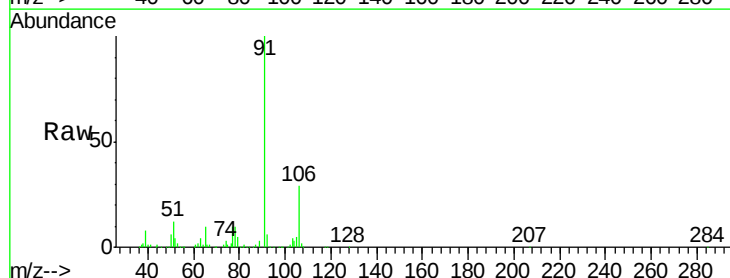
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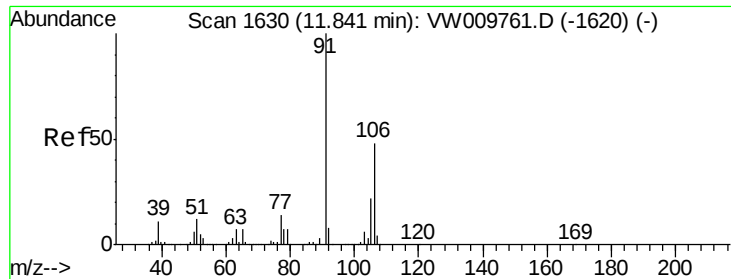
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#53
Ethylbenzene
Concen: 2.245 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009776.D
Acq: 06 Apr 2019 16:51

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.9	21.5	39.9





#54

m,p-Xylene

Concen: 12.769 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW009776.D

Acq: 06 Apr 2019 16:51

Instrument :

MSVOA_W

ClientSampled :

BF2R5

Tot Ion:106 Resp: 161446

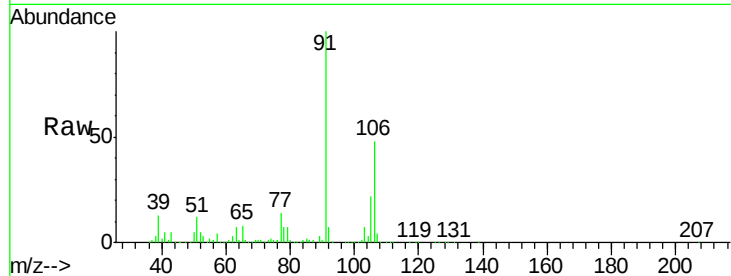
Ion Ratio Lower Upper

106 100

91 208.1 145.3 269.9

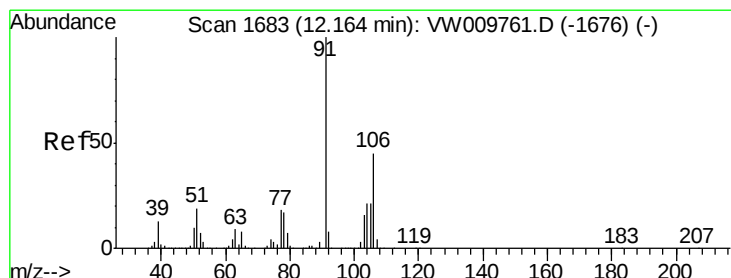
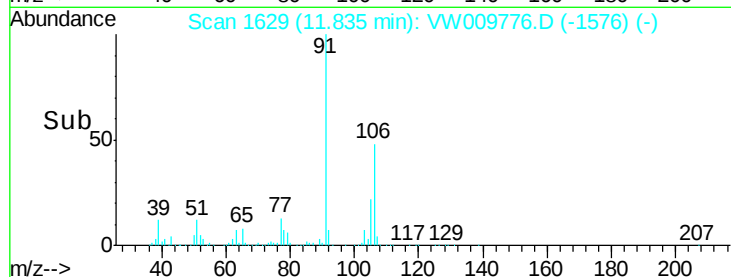
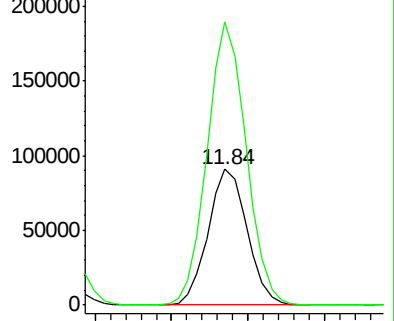
Manual Integrations
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4/11/2019 11:43:09 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 4.443 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW009776.D

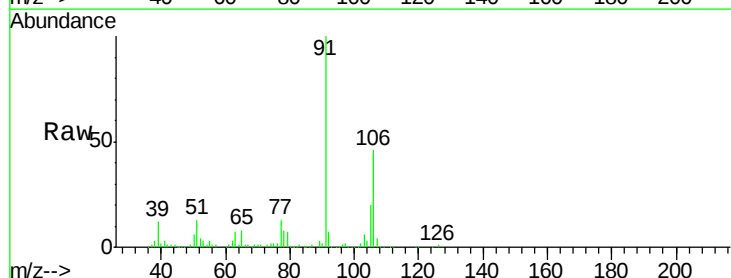
Acq: 06 Apr 2019 16:51

Tgt Ion:106 Resp: 53499

Ion Ratio Lower Upper

106 100

91 218.8 153.9 285.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

