

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015761.D
 Acq On : 29 Jun 2020 14:35
 Operator : SY/VA
 Sample : L3131-03
 Misc : 5.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L8

Manual Integrations
 APPROVED

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 6/30/2020 3:46:47 PM

Quant Time: Jun 30 03:32:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 03:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	303583	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277730	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130881	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107902	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
7) Chloroethane-d5	2.90	69	87848	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.28%
10) 1,1-Dichloroethene-d2	4.01	63	150698	17.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.88%
20) 2-Butanone-d5	7.09	46	50471	48.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.06%
24) Chloroform-d	7.65	84	186724	22.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.24%
26) 1,2-Dichloroethane-d4	8.31	65	111895	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.00%
29) Benzene-d6	8.27	84	381897	23.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.24%
33) 1,2-Dichloropropane-d6	9.27	67	111895	22.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.28%
37) Toluene-d8	10.33	98	350735	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.04%
38) trans-1,3-Dichloropropene-	10.58	79	46749	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.12%
39) 2-Hexanone-d5	10.93	63	37915	47.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84595	22.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	116722	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

Target Compounds

					Ovalue
13) Acetone	4.14	43	9293	10.663	ug/L 99
14) Carbon disulfide	4.39	76	172184	15.704	ug/L 98
16) Methylene chloride	4.93	84	9632	2.162	ug/L 92
21) 2-Butanone	7.19	43	3477m	3.227	ug/L
53) Ethylbenzene	11.73	91	31465	1.679	ug/L 98
54) m,p-Xylene	11.84	106	21437	3.061	ug/L 100
55) o-xylene	12.17	106	6803	1.016	ug/L 97

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

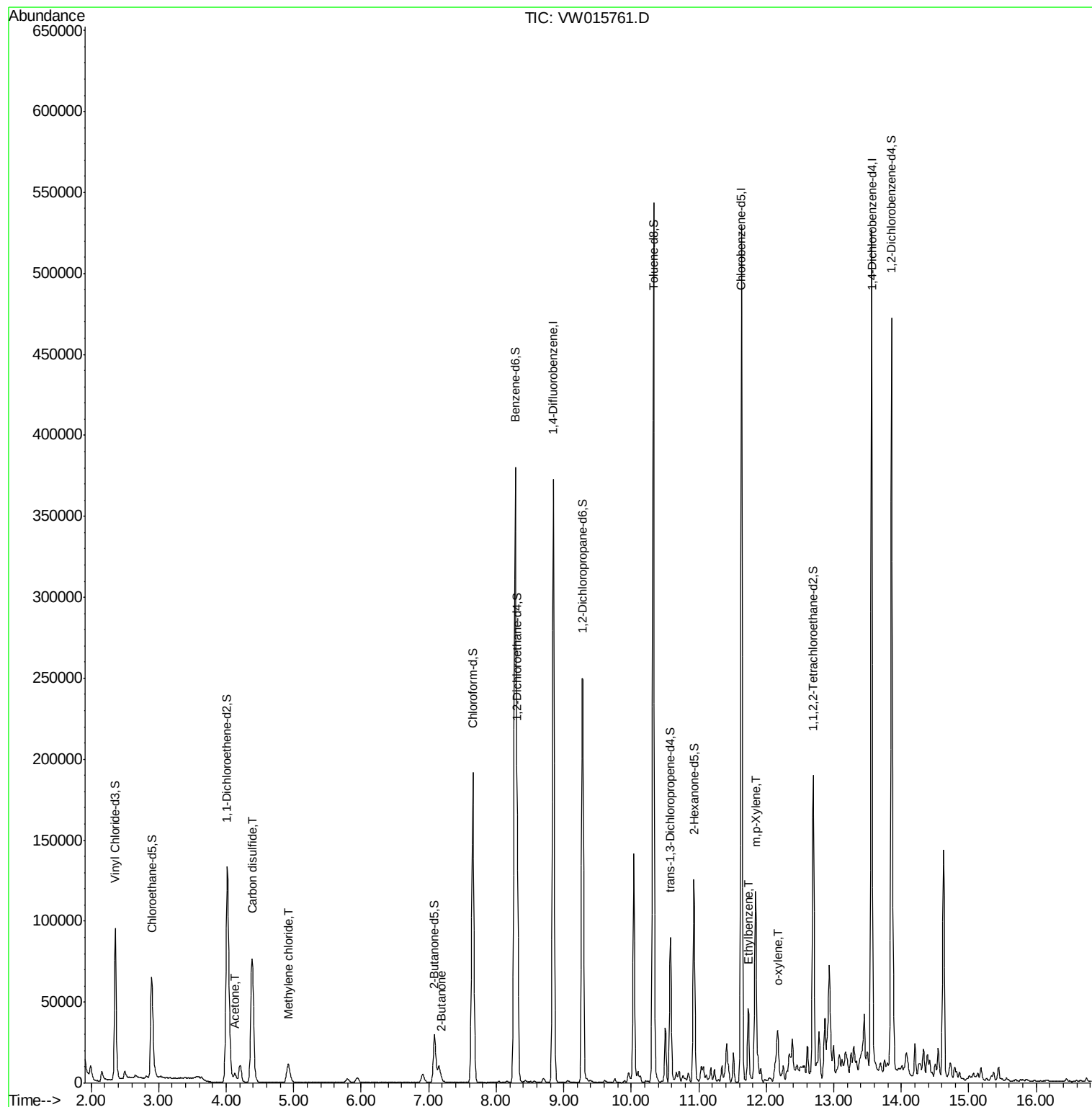
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015761.D
Acq On : 29 Jun 2020 14:35
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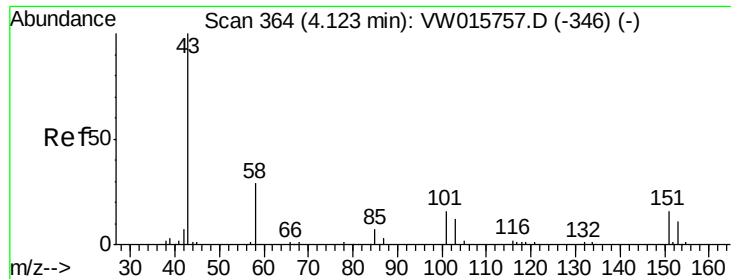
Instrument :
MSVOA_W
ClientSampleId :
BG2L8

Manual Integrations
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Quant Time: Jun 30 03:32:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 30 03:03:23 2020
Response via : Initial Calibration





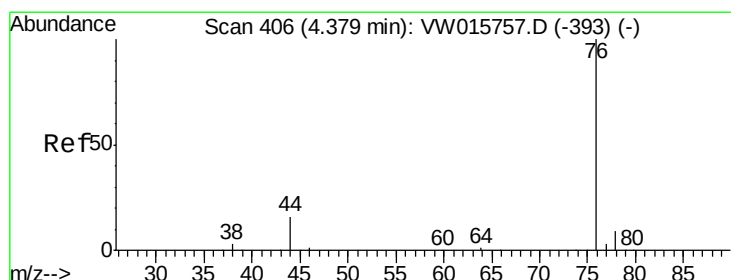
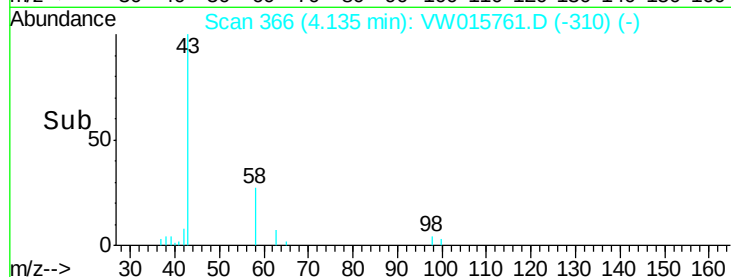
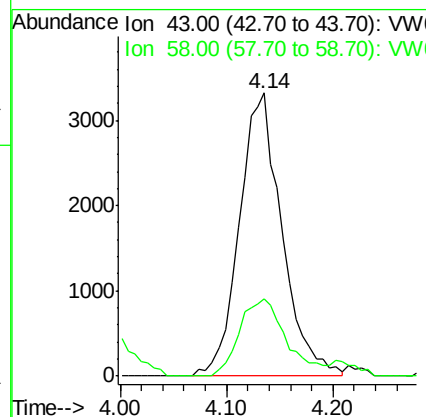
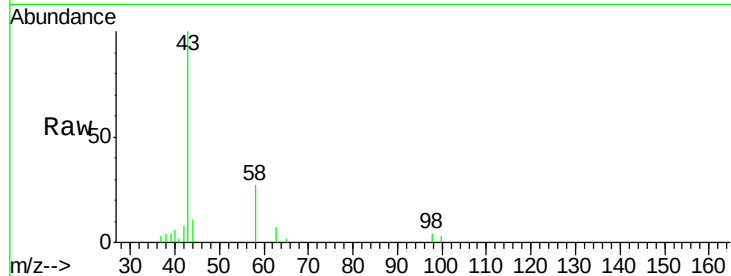
#13
Acetone
Concen: 10.663 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015761.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_W
ClientSampleId :
BG2L8

Tot Ion: 43 Resp: 9293
Ion Ratio Lower Upper
43 100
58 30.2 0.0 59.4

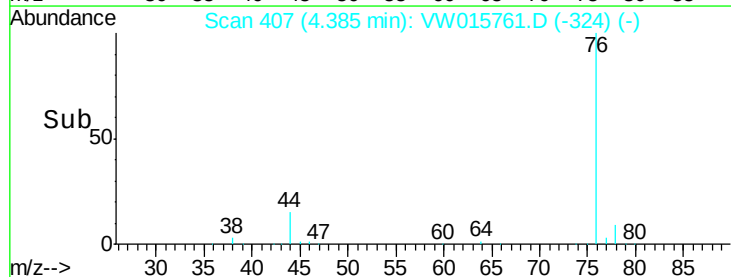
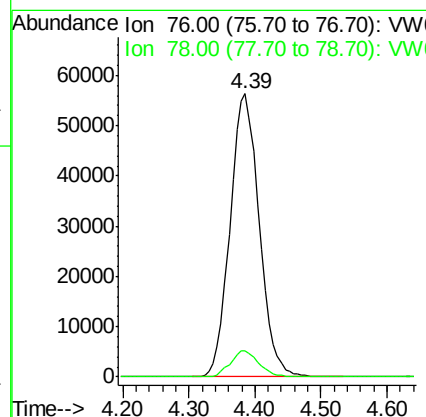
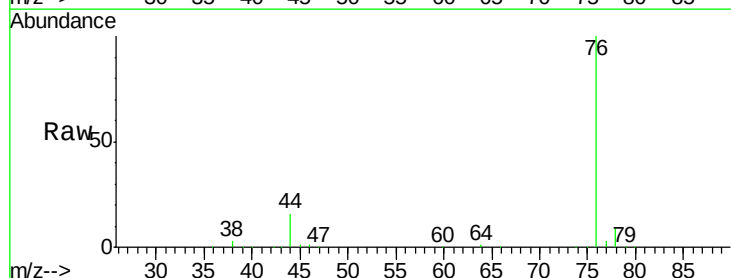
Manual Integrations
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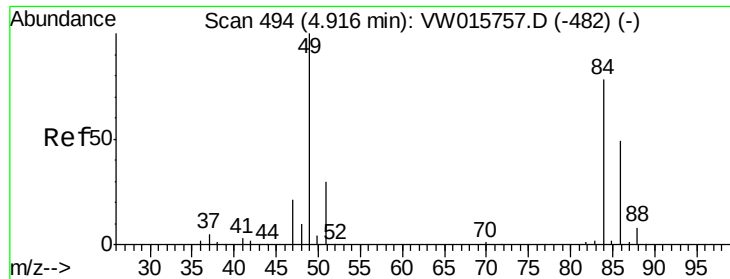
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#14
Carbon disulfide
Concen: 15.704 ug/L
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW015761.D
Acq: 29 Jun 2020 14:35

Tgt Ion: 76 Resp: 172184
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3





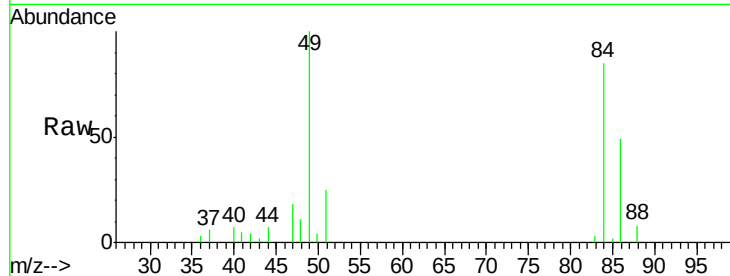
#16
Methvlene chloride
Concen: 2.162 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015761.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_W
ClientSampled :
BG2L8

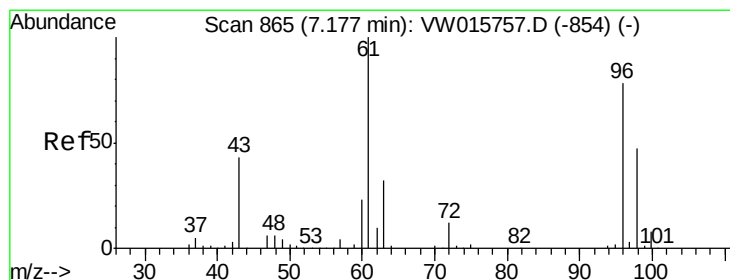
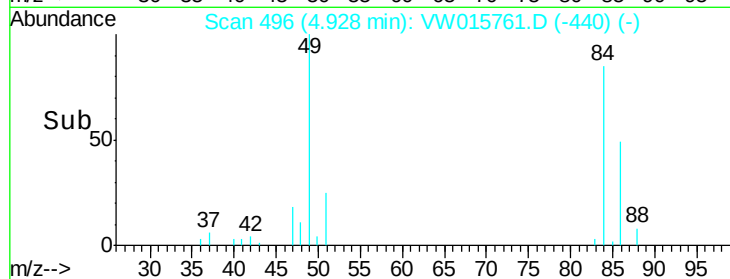
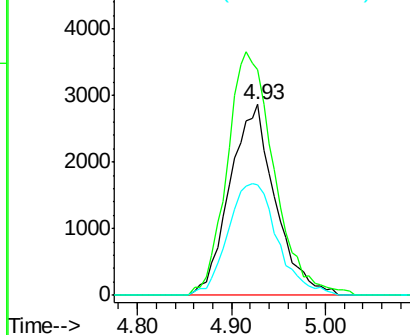
Tot Ion: 84 Resp: 9632
Ion Ratio Lower Upper
84 100
49 117.9 90.0 167.2
86 57.9 44.0 81.8

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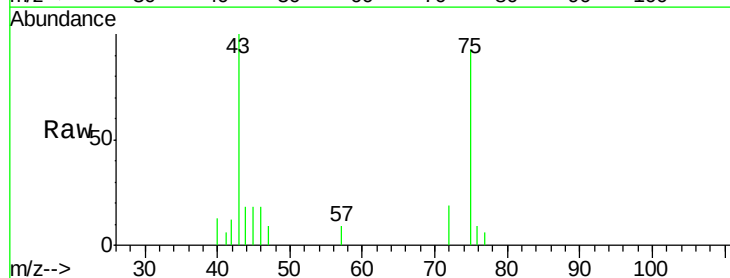


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

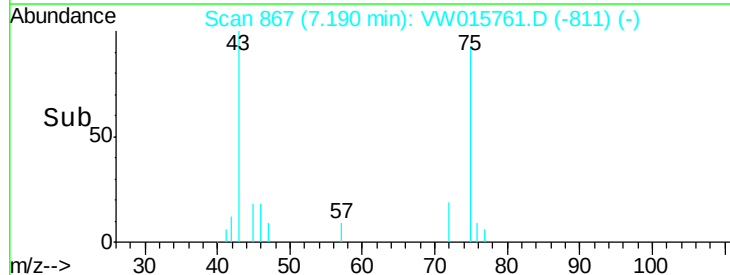
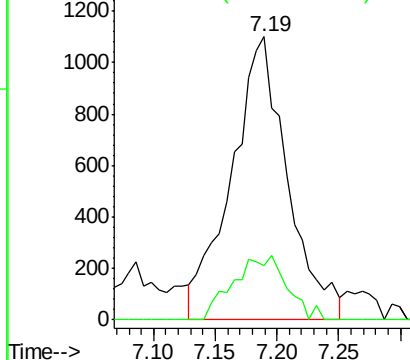


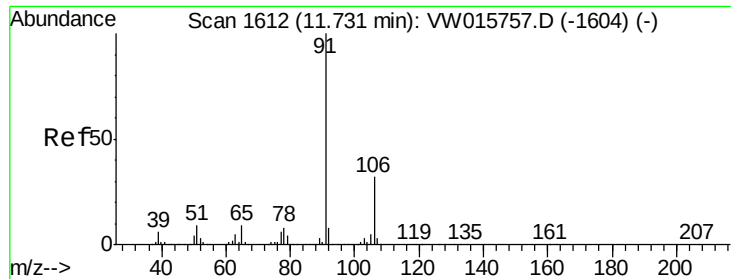
#21
2-Butanone
Concen: 3.227 ug/L m
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW015761.D
Acq: 29 Jun 2020 14:35

Tgt Ion: 43 Resp: 3477
Ion Ratio Lower Upper
43 100
72 7.7 13.7 41.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





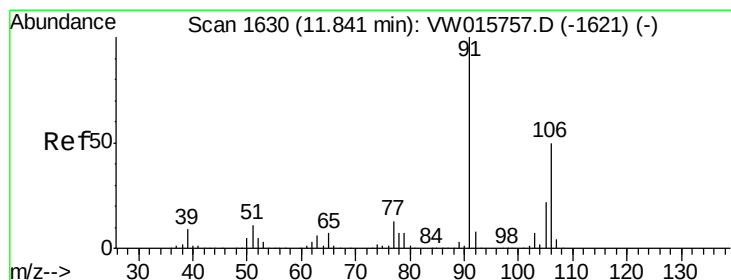
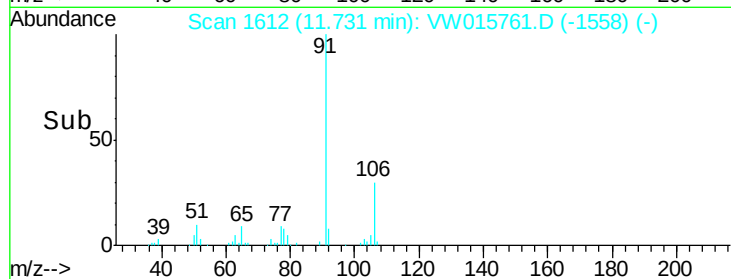
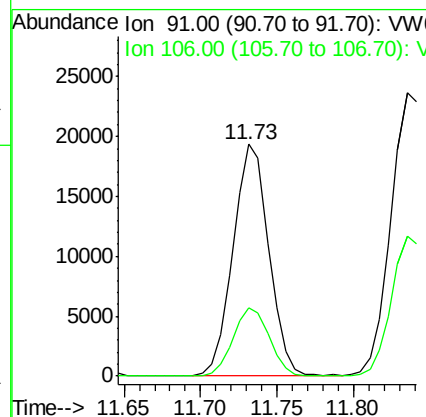
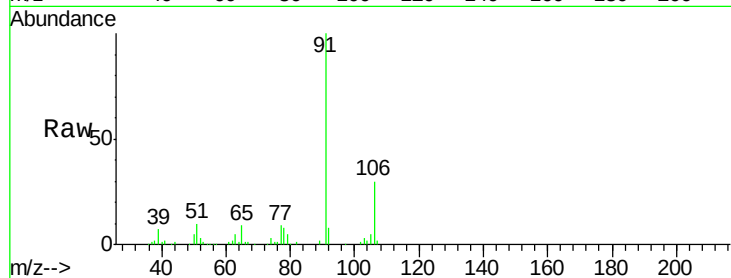
#53
Ethylbenzene
Concen: 1.679 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015761.D
Acq: 29 Jun 2020 14:35

Instrument :
MSVOA_W
ClientSampled :
BG2L8

Tot Ion: 91 Resp: 31465
Ion Ratio Lower Upper
91 100
106 29.6 21.4 39.8

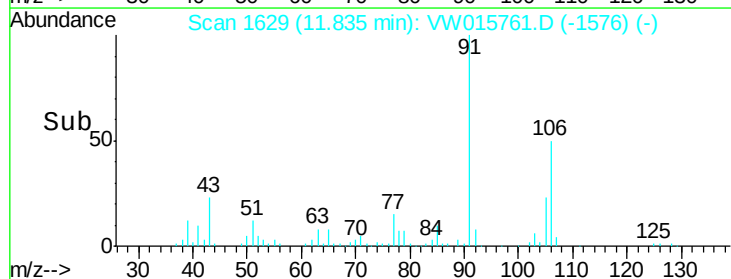
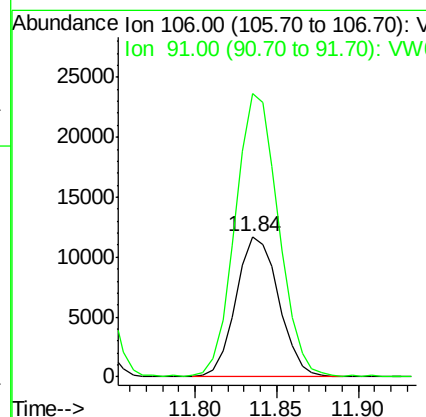
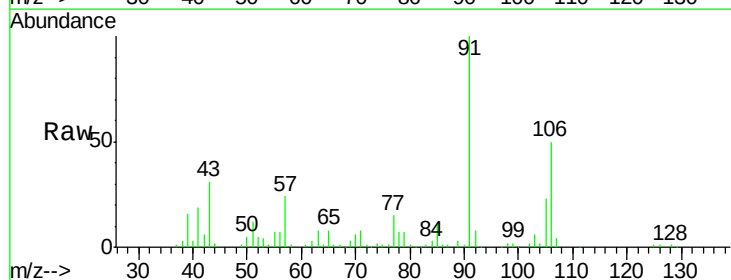
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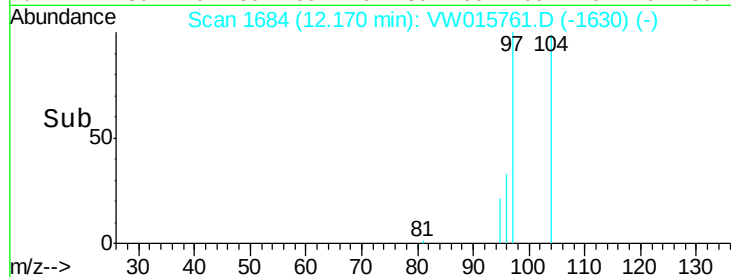
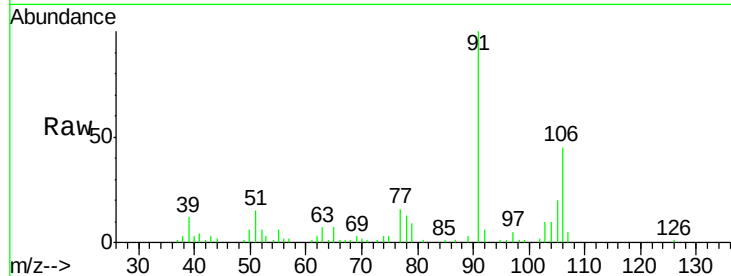
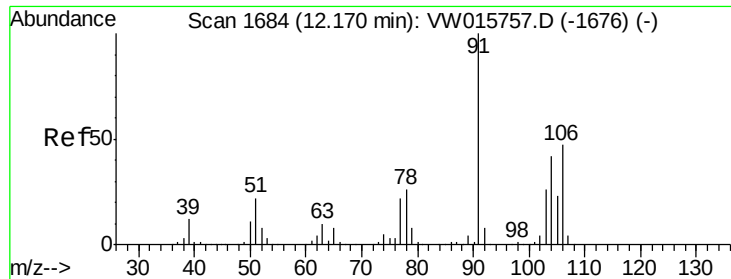
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#54
m,p-Xylene
Concen: 3.061 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015761.D
Acq: 29 Jun 2020 14:35

Tgt Ion: 106 Resp: 21437
Ion Ratio Lower Upper
106 100
91 201.6 141.5 262.9





#55
o-xylene
Concen: 1.016 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015761.D
Acq: 29 Jun 2020 14:35

Tot Ion: 106 Resp: 6803
Ion Ratio Lower Upper
106 100
91 221.4 151.3 280.9

Instrument :
MSVOA_W
ClientSampleId :
BG2L8

Manual Integrations
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