

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
 Data File : VW015848.D
 Acq On : 13 Jul 2020 17:20
 Operator : SY/VA
 Sample : L3264-02
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG069

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 11:41:20 AM

Quant Time: Jul 14 03:59:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 03:37:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	339894	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314474	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115191	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131857	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
7) Chloroethane-d5	2.89	69	119781	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.52%
10) 1,1-Dichloroethene-d2	4.01	63	122565	15.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.04%
20) 2-Butanone-d5	7.09	46	34819	38.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.78%
24) Chloroform-d	7.65	84	185323	20.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.08%
26) 1,2-Dichloroethane-d4	8.31	65	102434	20.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.36%
29) Benzene-d6	8.27	84	387676	22.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.80%
33) 1,2-Dichloropropane-d6	9.28	67	110122	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.68%
37) Toluene-d8	10.33	98	386856	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.48%
38) trans-1,3-Dichloropropene-	10.58	79	44594	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.16%
39) 2-Hexanone-d5	10.93	63	30507	42.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75326	18.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	100677	23.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.04%

Target Compounds

					Ovalue
13) Acetone	4.12	43	16752	24.219 ug/L	98
14) Carbon disulfide	4.39	76	7151m	0.605 ug/L	
16) Methylene chloride	4.91	84	17513	3.888 ug/L	95
21) 2-Butanone	7.18	43	7323	7.791 ug/L #	67
30) Cyclohexane	7.96	56	6058	0.944 ug/L #	81
36) Methylcyclohexane	9.34	83	82649	10.161 ug/L #	77
57) Isopropylbenzene	12.47	105	96682	4.332 ug/L	99

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

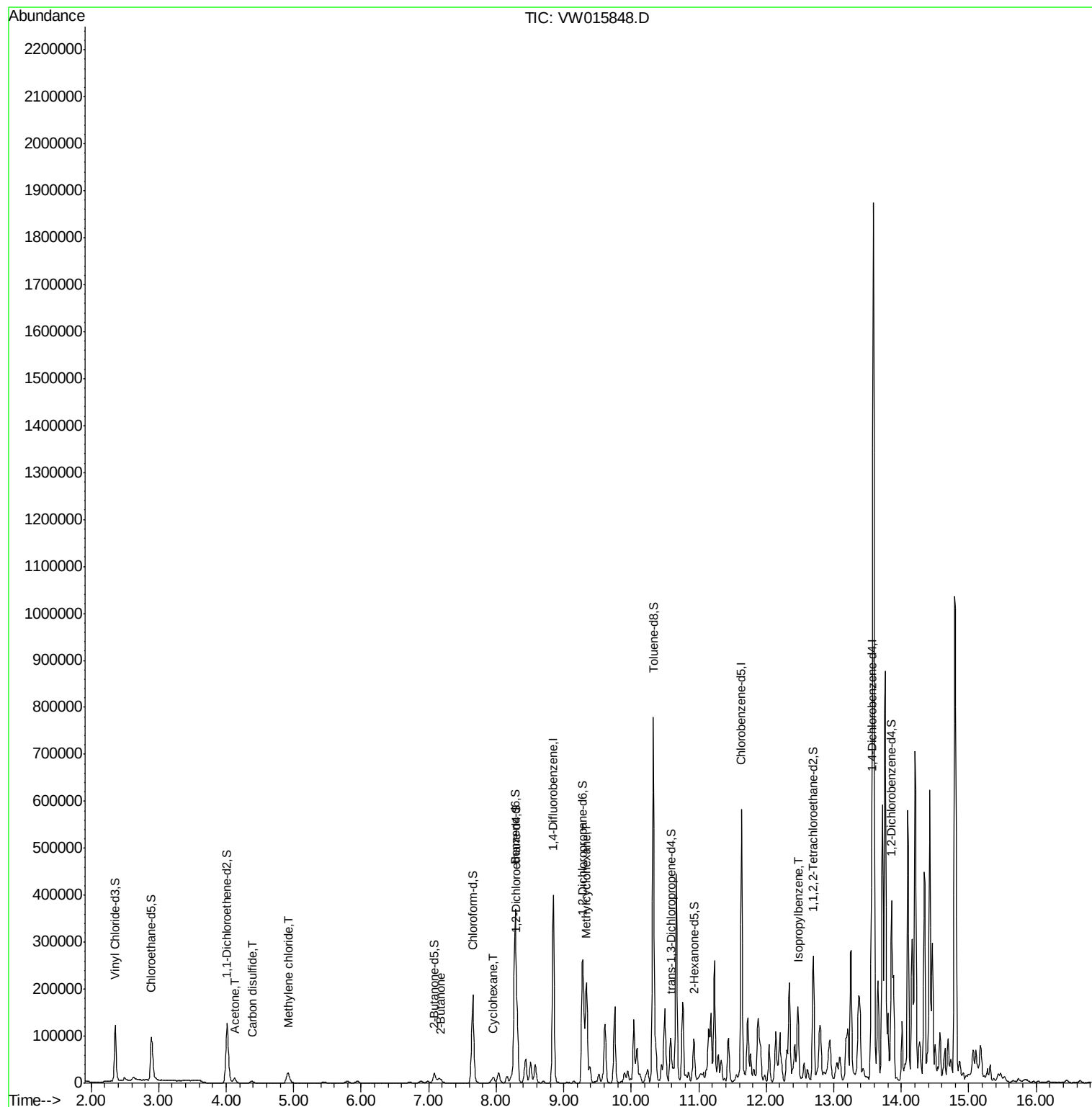
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071320\
Data File : VW015848.D
Acq On : 13 Jul 2020 17:20
Operator : SY/VA
Sample : L3264-02
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ALS Vial : 14 Sample Multiplier: 1

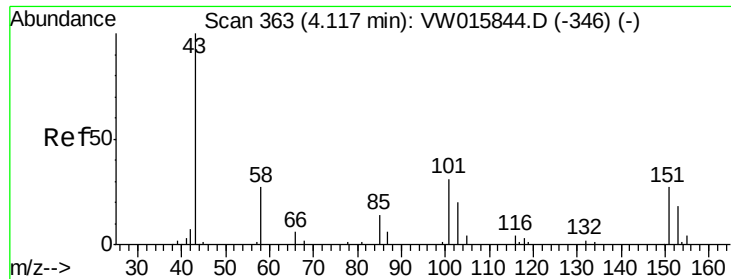
Instrument :
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Quant Time: Jul 14 03:59:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 14 03:37:11 2020
Response via : Initial Calibration





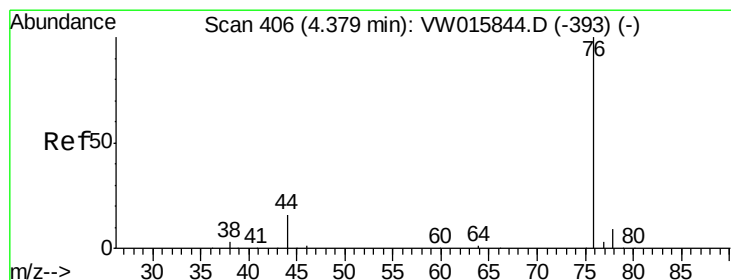
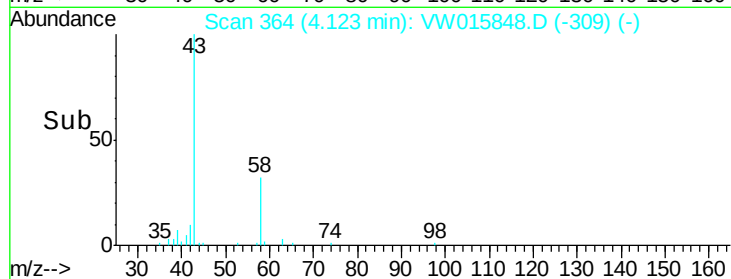
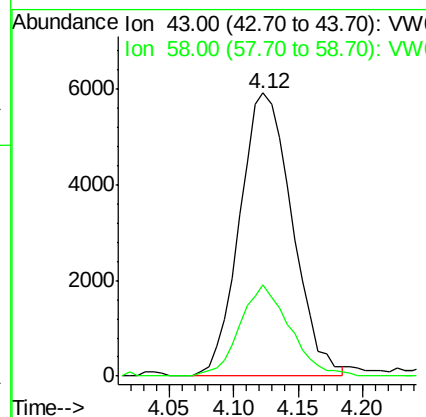
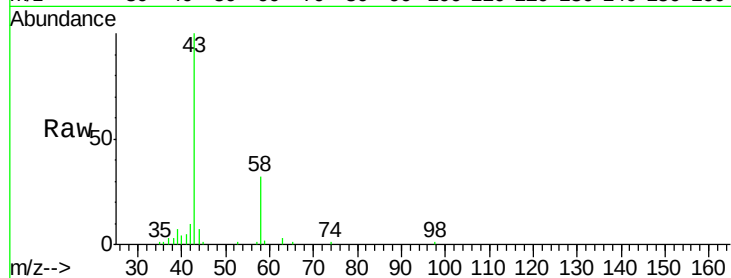
#13
Acetone
Concen: 24.219 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW015848.D
Acq: 13 Jul 2020 17:20

Instrument :
MSVOA_W
ClientSampled :
BG069

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	59.4

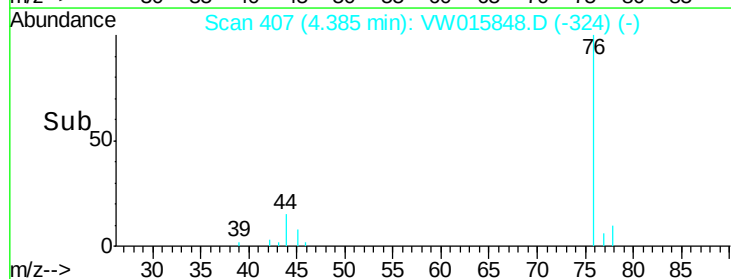
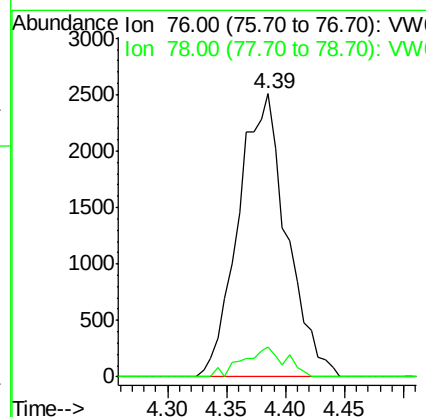
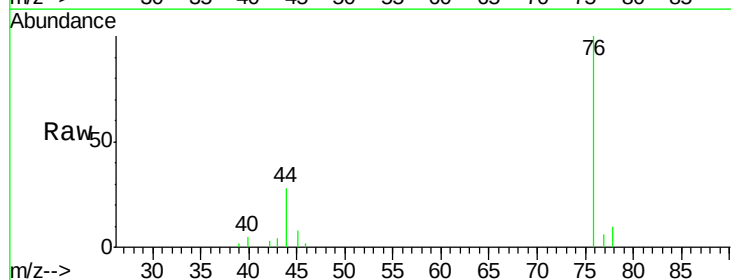
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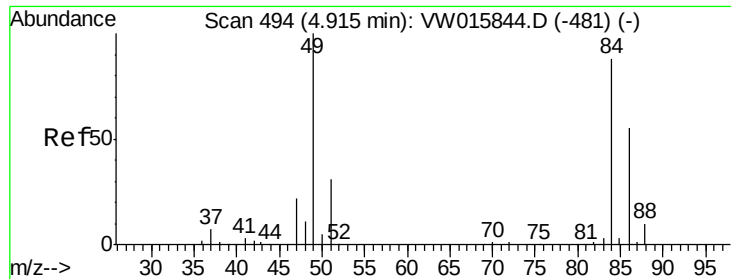
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#14
Carbon disulfide
Concen: 0.605 ug/L m
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW015848.D
Acq: 13 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.4	11.2





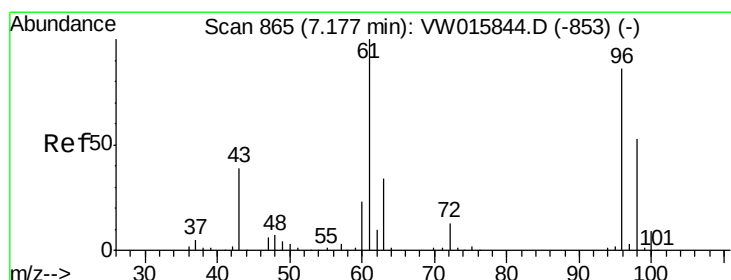
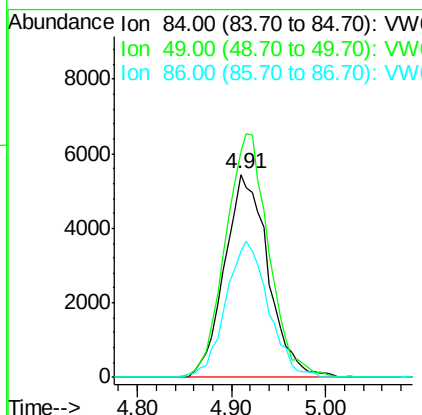
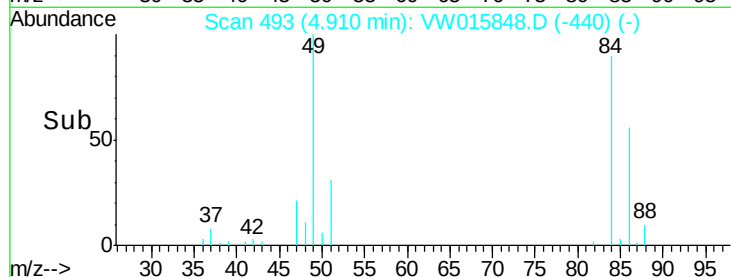
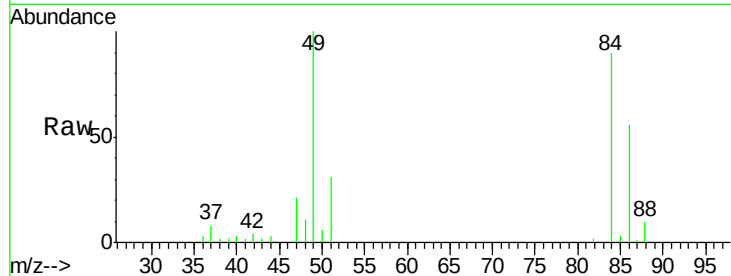
#16
Methylene chloride
Concen: 3.888 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015848.D
Acq: 13 Jul 2020 17:20

Instrument :
MSVOA_W
ClientSampled :
BG069

Tot Ion	84	Resp	17513
Ion	Ratio	Lower	Upper
84	100		
49	111.2	82.5	153.1
86	62.3	45.4	84.2

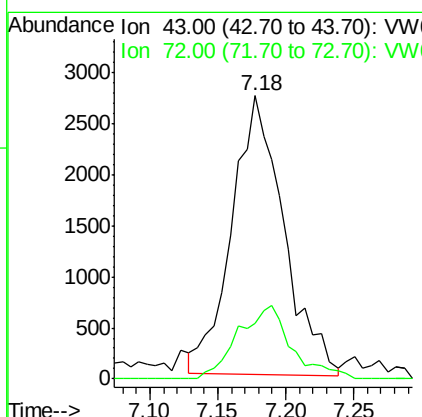
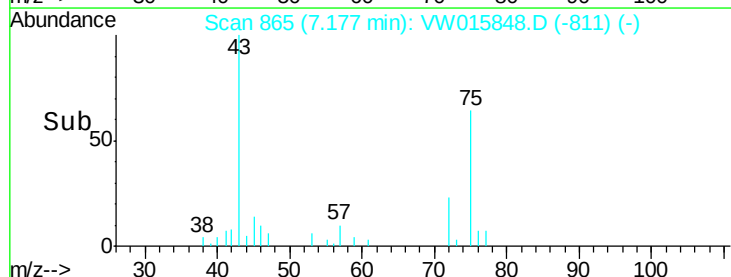
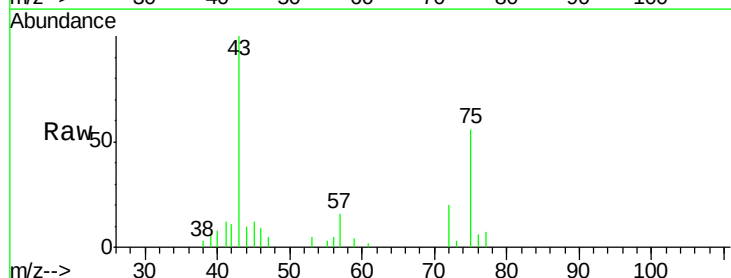
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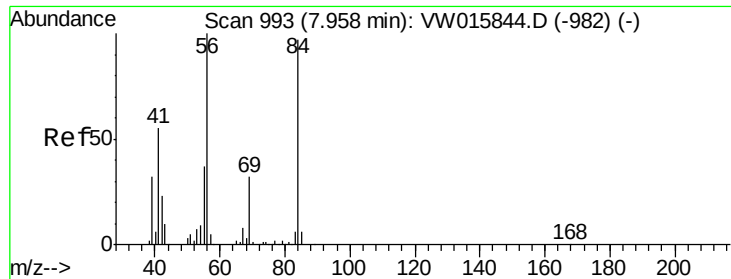
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#21
2-Butanone
Concen: 7.791 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015848.D
Acq: 13 Jul 2020 17:20

Tgt Ion	43	Resp	7323
Ion	Ratio	Lower	Upper
43	100		
72	12.8	15.6	46.7#





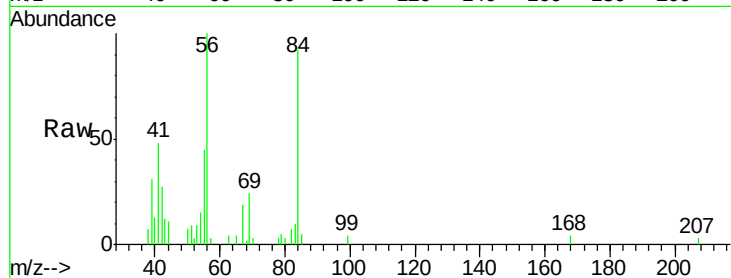
#30
Cyclohexane
Concen: 0.944 ug/L
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW015848.D
Acq: 13 Jul 2020 17:20

Instrument :
MSVOA_W
ClientSampled :
BG069

Tot Ion	Ratio	Lower	Upper
56	100		
69	16.5	25.8	38.8#
84	82.4	78.3	117.5

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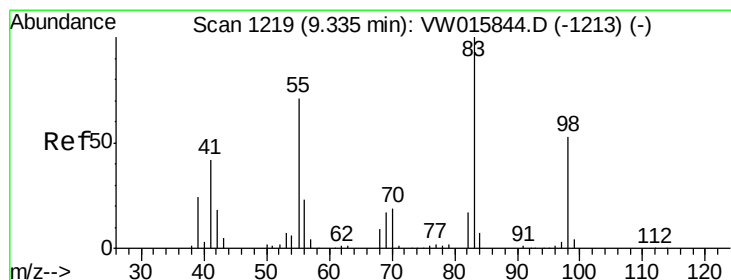
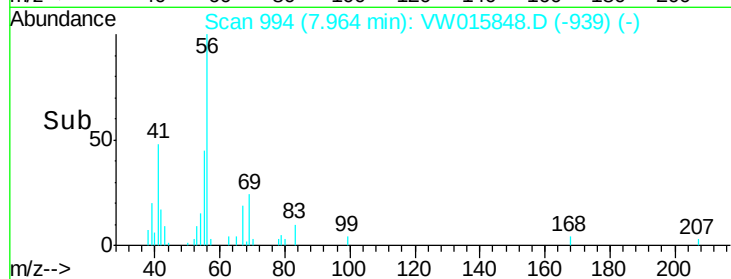
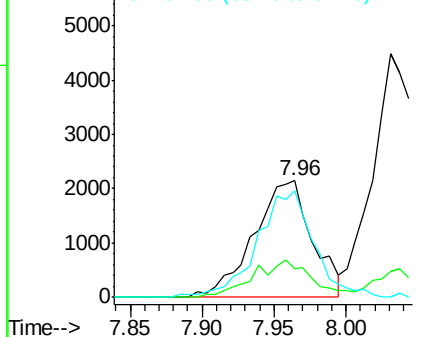


Abundance

Ion 56.00 (55.70 to 56.70): VW

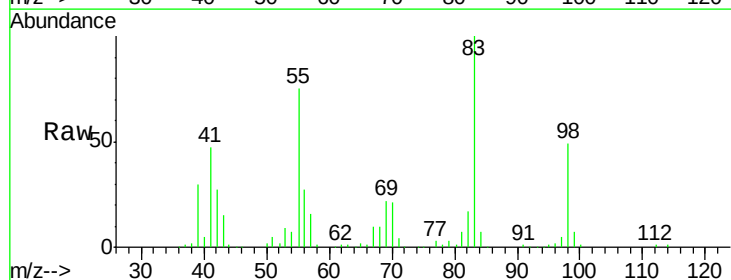
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#36
Methylcyclohexane
Concen: 10.161 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015848.D
Acq: 13 Jul 2020 17:20

Tgt Ion	Ratio	Lower	Upper
83	100		
55	100.8	55.5	83.3#
98	49.1	40.2	60.4

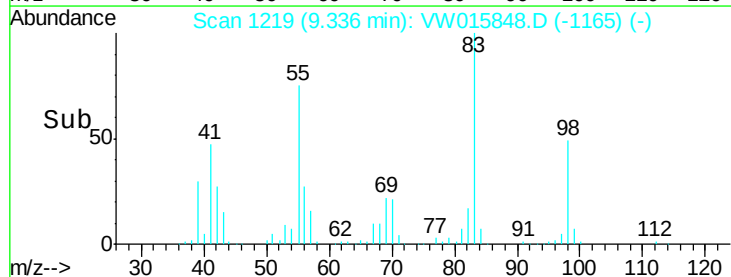
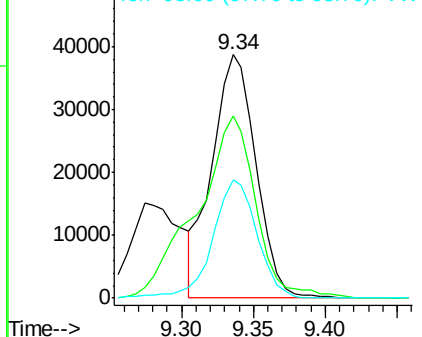


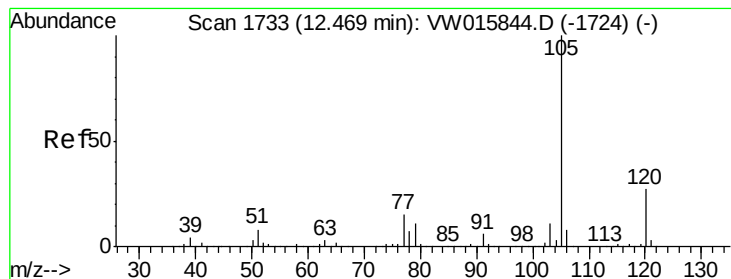
Abundance

Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#57

Isopropylbenzene

Concen: 4.332 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW015848.D

Acq: 13 Jul 2020 17:20

Instrument :

MSVOA_W

ClientSampleId :

BG069

Tot Ion:	105	Resp:	96682
Ion Ratio	Lower	Upper	
105	100		
120	26.6	21.4	32.0
77	16.4	12.2	18.2

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