

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009421.D
 Acq On : 25 Mar 2019 12:02
 Operator : SY/VA
 Sample : K2062-03
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0H0

Manual Integrations
 APPROVED

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 3/27/2019 12:12:41 PM

Quant Time: Mar 26 08:07:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345694	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311205	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123402	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90571	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.68%
7) Chloroethane-d5	2.89	69	96947	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.24%
10) 1,1-Dichloroethene-d2	4.01	63	144573	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.76%
20) 2-Butanone-d5	7.07	46	88152	51.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.20%
24) Chloroform-d	7.64	84	220943	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.31	65	139746	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.27	84	385769	22.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.92%
33) 1,2-Dichloropropane-d6	9.27	67	125620	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.48%
37) Toluene-d8	10.32	98	321753	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.12%
38) trans-1,3-Dichloropropene-	10.58	79	54994	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	10.93	63	61051	48.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122502	24.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	106300	22.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.84%

Target Compounds

					Ovalue
13) Acetone	4.12	43	41856	29.876 ug/L	76
14) Carbon disulfide	4.37	76	10401	0.908 ug/L #	92
16) Methylene chloride	4.92	84	11503m	2.282 ug/L	
21) 2-Butanone	7.17	43	12796	6.615 ug/L	97
47) Tetrachloroethene	10.87	164	1373	0.358 ug/L #	82

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

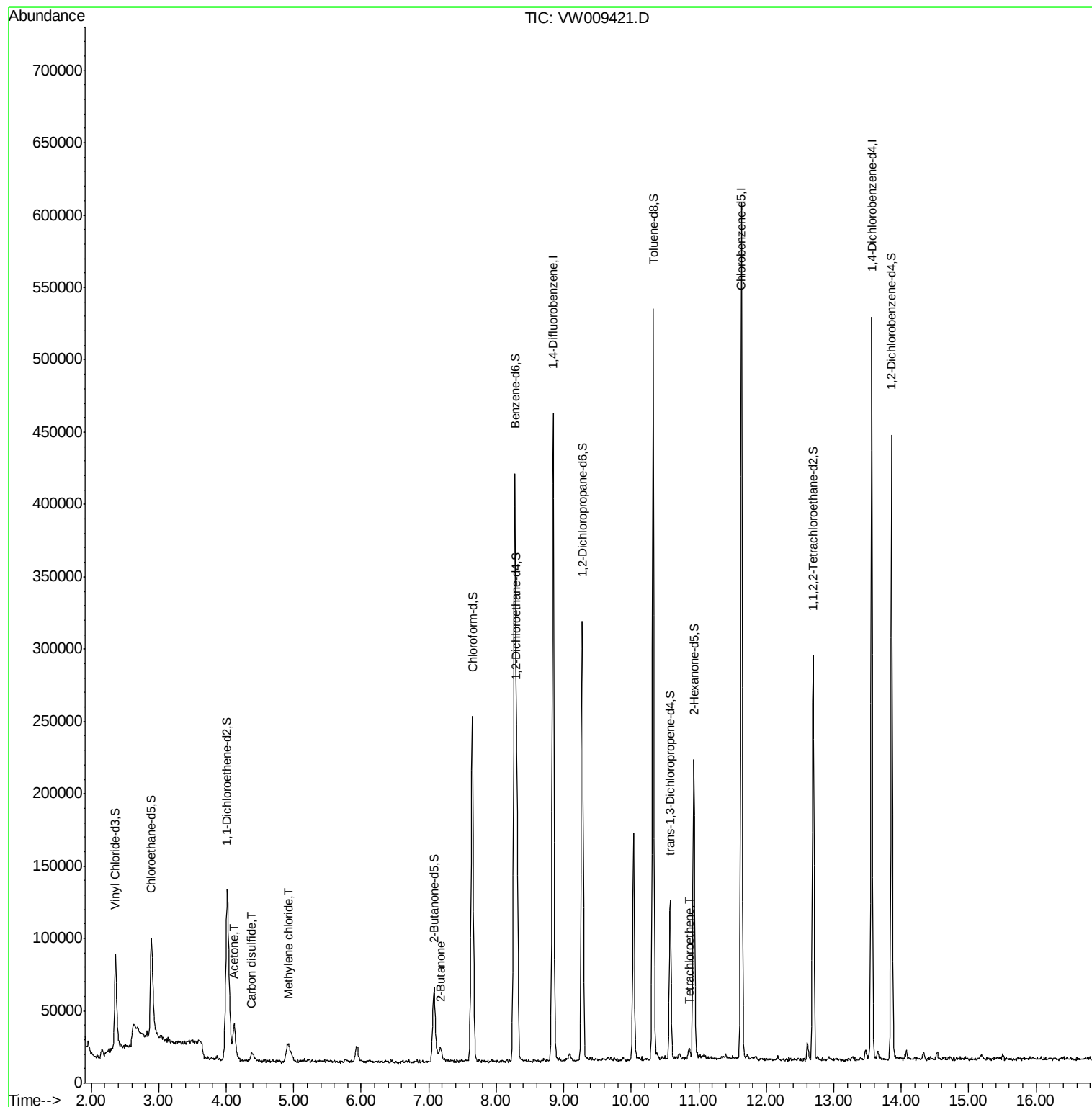
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
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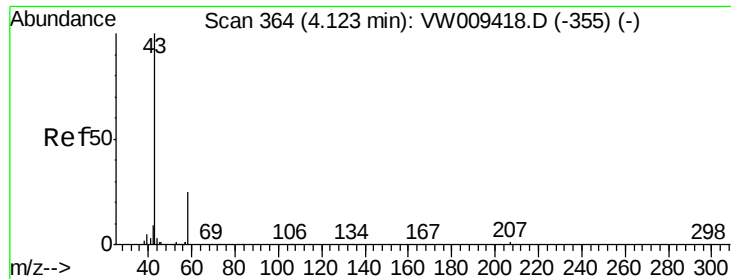
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : VOC Analysis
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Response via : Initial Calibration





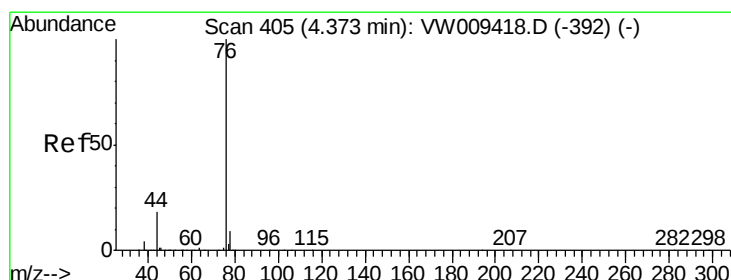
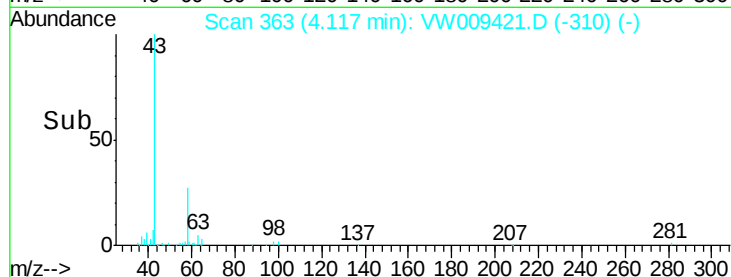
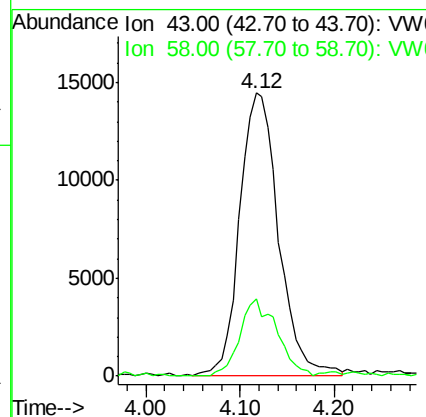
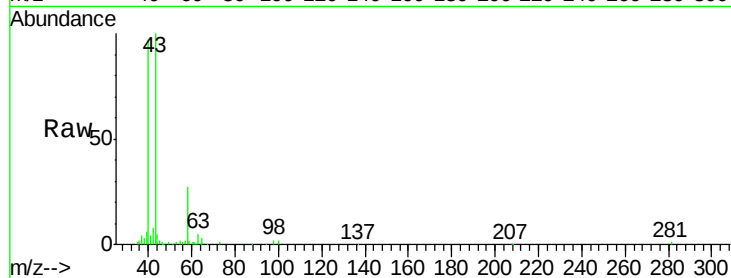
#13
Acetone
Concen: 29.876 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009421.D
Acq: 25 Mar 2019 12:02

Instrument :
MSVOA_W
ClientSampleId :
BF0H0

Tot Ion	Ratio	Lower	Upper
43	100		
58	15.6	0.0	56.2

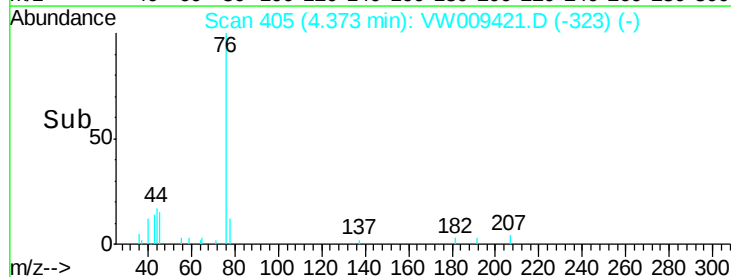
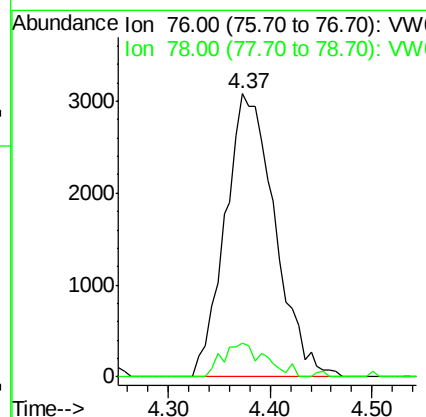
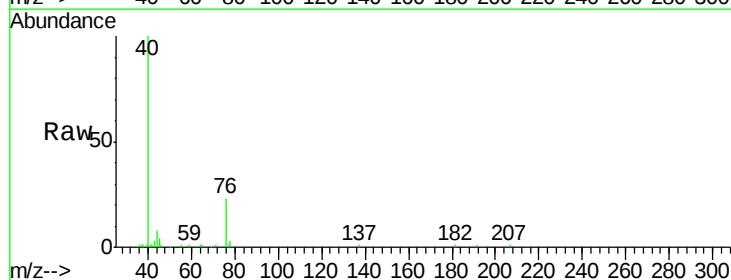
Manual Integrations
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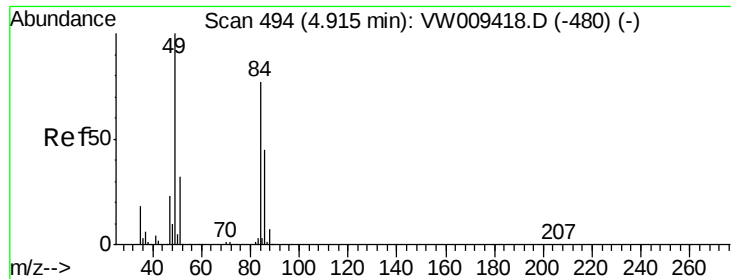
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#14
Carbon disulfide
Concen: 0.908 ug/L
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW009421.D
Acq: 25 Mar 2019 12:02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.3	10.9#





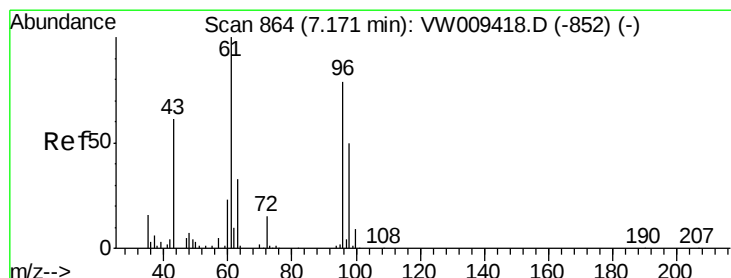
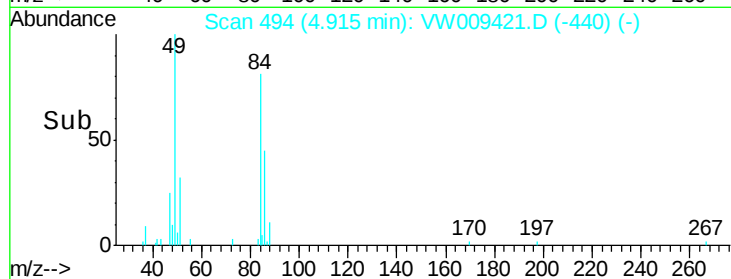
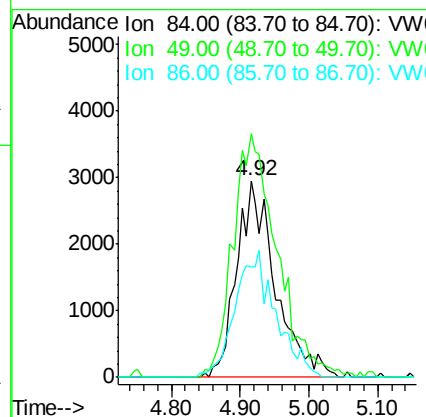
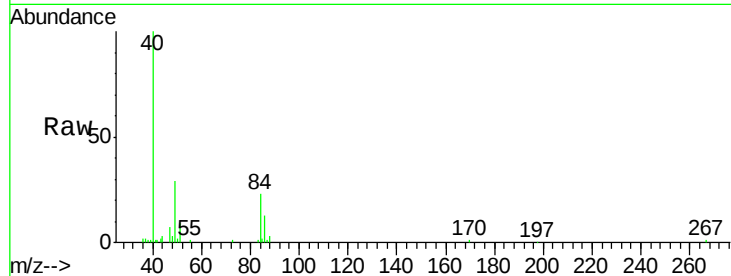
#16
Methvlene chloride
Concen: 2.282 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009421.D
Acq: 25 Mar 2019 12:02

Instrument :
MSVOA_W
ClientSampled :
BF0H0

Tot Ion	84	Resp	11503
Ion Ratio	Lower	Upper	
84	100		
49	124.0	96.0	178.2
86	56.0	44.4	82.5

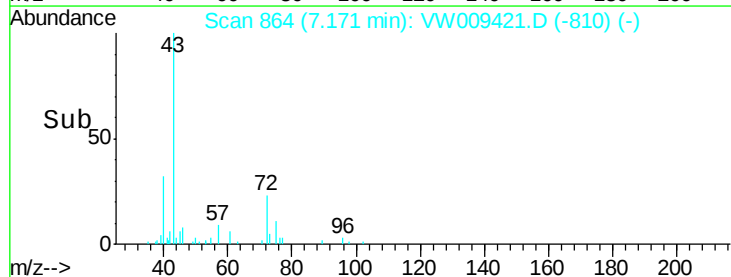
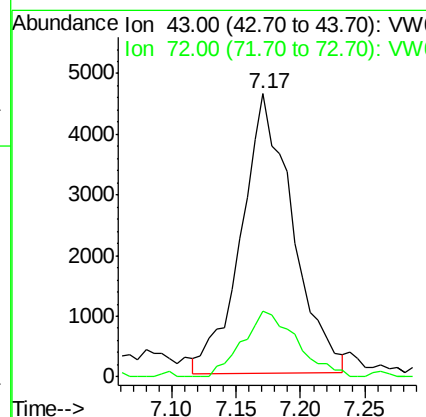
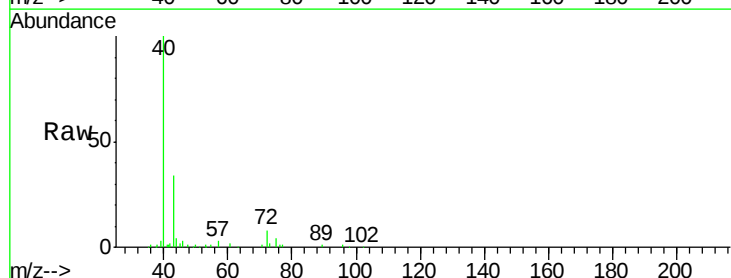
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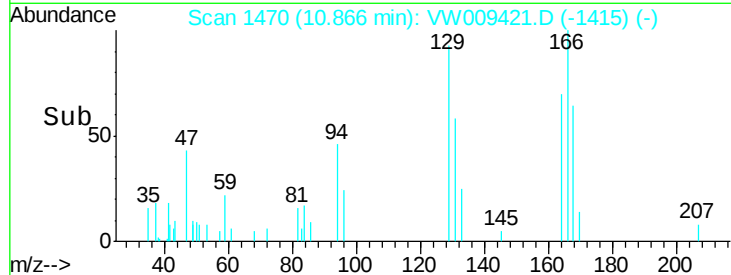
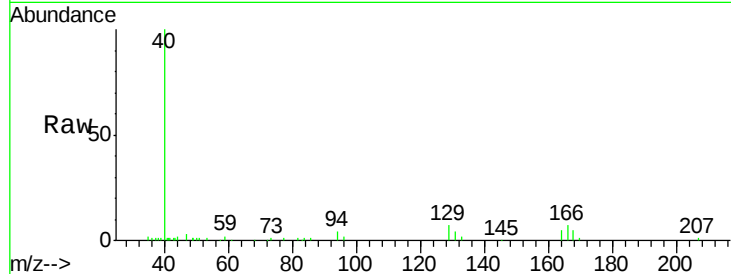
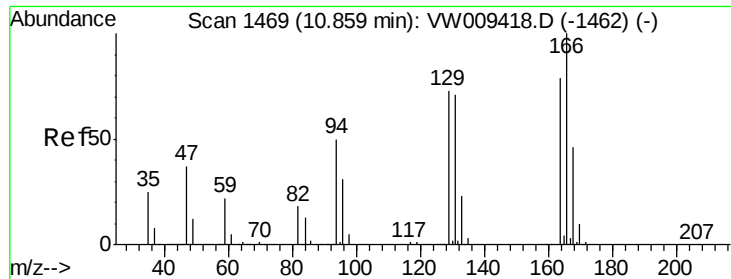
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#21
2-Butanone
Concen: 6.615 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009421.D
Acq: 25 Mar 2019 12:02

Tgt Ion	43	Resp	12796
Ion Ratio	Lower	Upper	
43	100		
72	24.7	13.1	39.1





#47
Tetrachloroethene
Concen: 0.358 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW009421.D
Acq: 25 Mar 2019 12:02

Tot Ion:	164	Resp:	1373
Ion Ratio	Lower	Upper	
164	100		
129	133.5	66.5	123.5#
131	83.5	62.6	116.3
166	143.4	91.6	170.0

Instrument :
MSVOA_W
ClientSampleId :
BF0H0

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