

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009423.D
 Acq On : 25 Mar 2019 12:56
 Operator : SY/VA
 Sample : K1988-09RE
 Misc : 5.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C0RE

Manual Integrations
 APPROVED

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 3/27/2019 12:12:47 PM

Quant Time: Mar 26 08:38:25 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	197522	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	187114	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77486	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	92043	38.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	155.96%#
7) Chloroethane-d5	2.89	69	96578	34.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	139.88%
10) 1,1-Dichloroethene-d2	4.01	63	152413	29.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	119.52%#
20) 2-Butanone-d5	7.08	46	74165	75.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.96%#
24) Chloroform-d	7.64	84	239356	44.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	177.60%#
26) 1,2-Dichloroethane-d4	8.31	65	139871	43.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	172.28%#
29) Benzene-d6	8.27	84	427120	41.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	165.56%#
33) 1,2-Dichloropropane-d6	9.27	67	134187	43.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	173.16%#
37) Toluene-d8	10.32	98	365130	38.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	153.08%#
38) trans-1,3-Dichloropropene-	10.58	79	57598	37.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	148.00%#
39) 2-Hexanone-d5	10.93	63	52837	70.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.78%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120472	39.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	157.88%#
61) 1,2-Dichlorobenzene-d4	13.86	152	130864	44.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	176.16%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	17569	21.947 ug/L	96
14) Carbon disulfide	4.38	76	5191m	0.793 ug/L	
16) Methylene chloride	4.92	84	21335m	7.407 ug/L	
18) trans-1,2-Dichloroethene	5.42	96	2964m	1.159 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	248977	89.875 ug/L	98
35) Trichloroethene	9.09	95	20820	7.629 ug/L	96
47) Tetrachloroethene	10.86	164	4227	1.833 ug/L	89

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

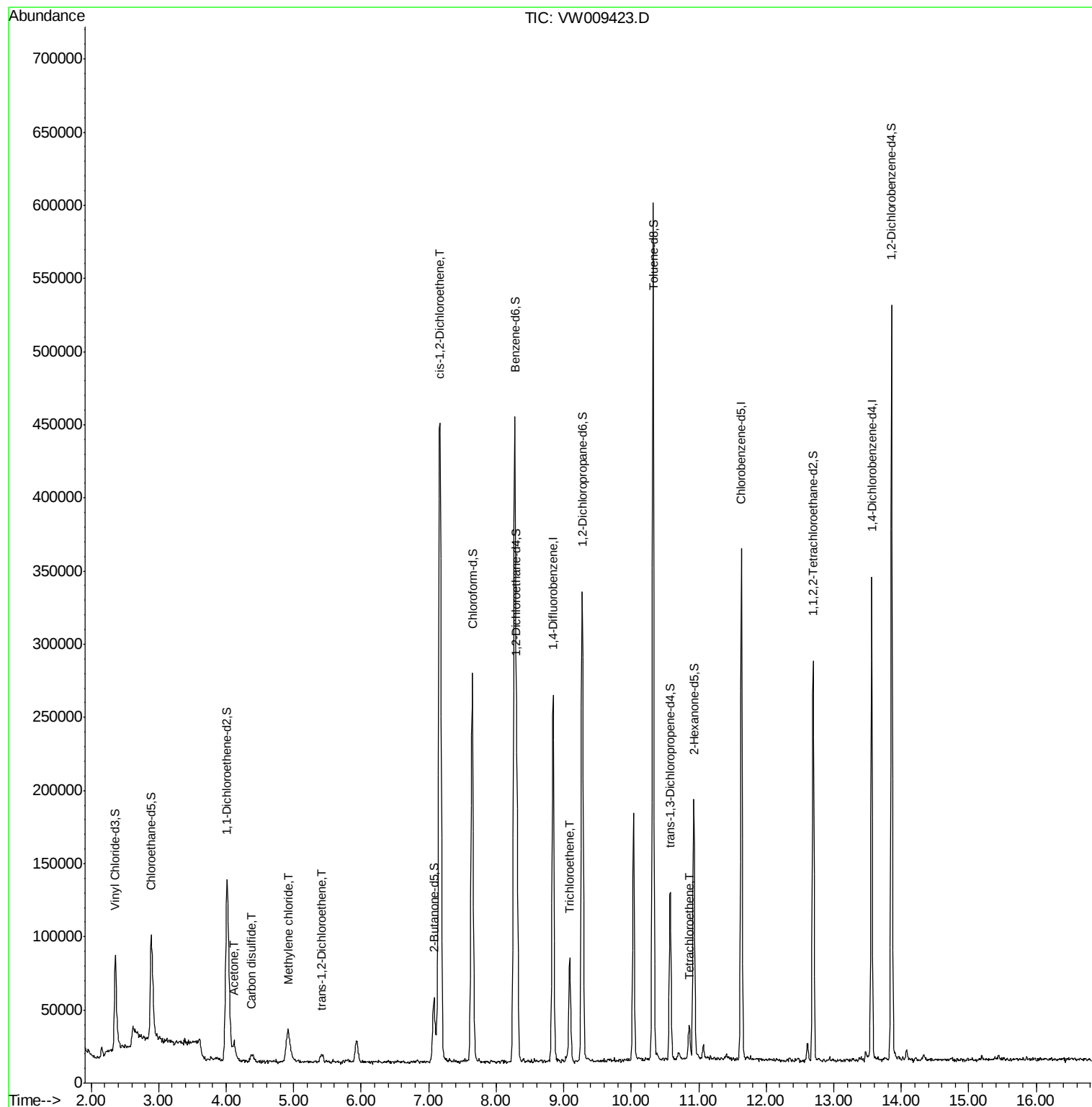
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
Data File : VW009423.D
Acq On : 25 Mar 2019 12:56
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

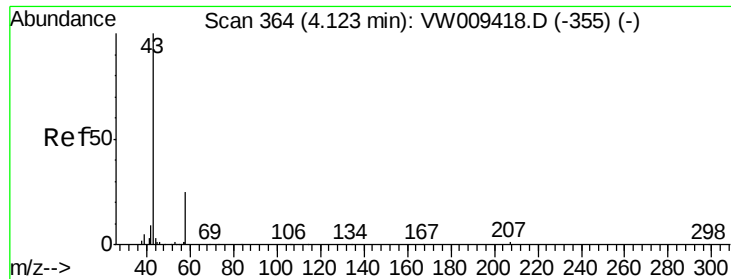
Instrument :
MSVOA_W
ClientSampleId :
BF0C0RE

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Quant Time: Mar 26 08:38:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:46:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 21.947 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009423.D

Acq: 25 Mar 2019 12:56

Instrument :

MSVOA_W

ClientSampleId :

BF0C0RE

Tot Ion: 43 Resp: 17569

Ion Ratio Lower Upper

43 100

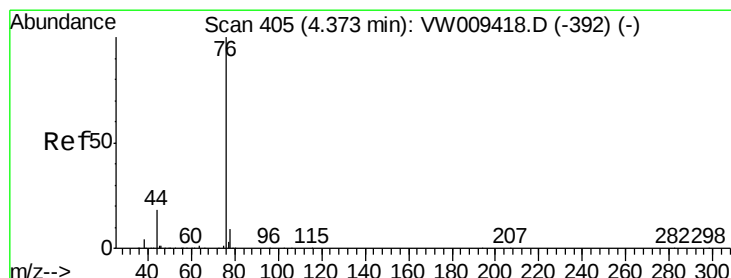
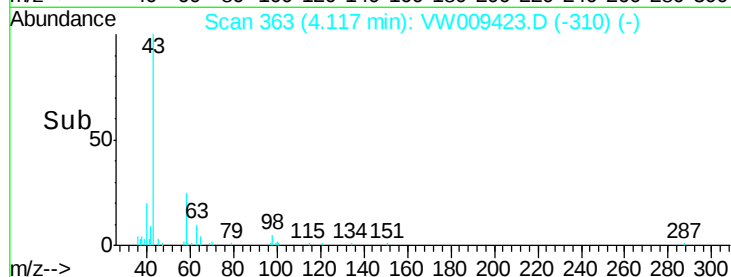
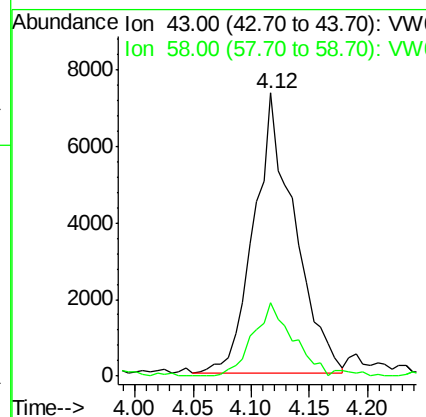
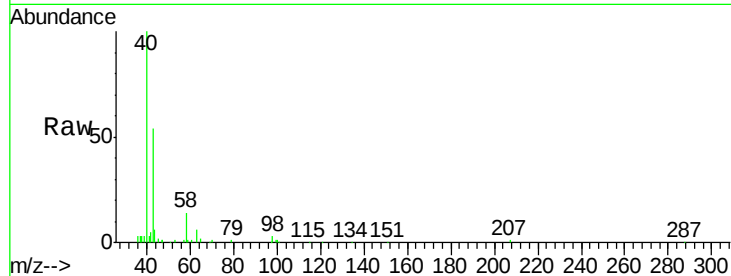
58 25.8 0.0 56.2

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#14

Carbon disulfide

Concen: 0.793 ug/L m

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009423.D

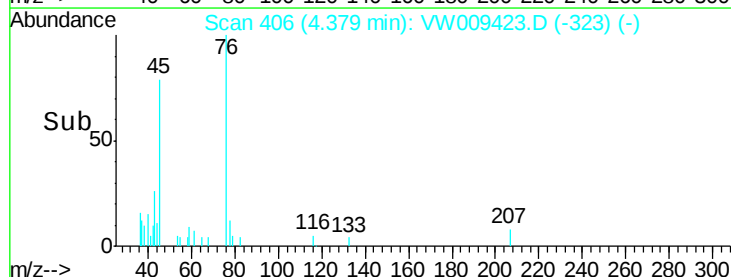
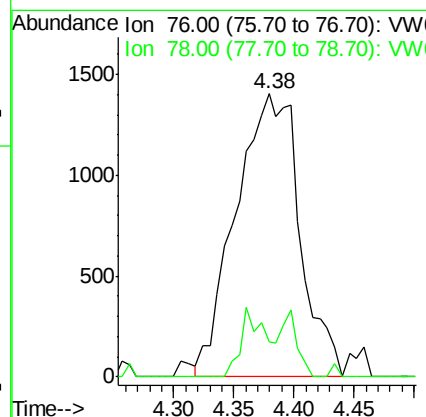
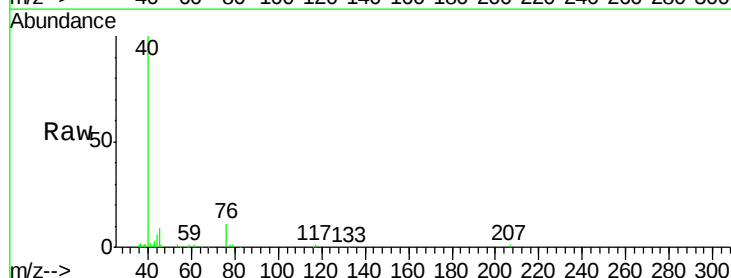
Acq: 25 Mar 2019 12:56

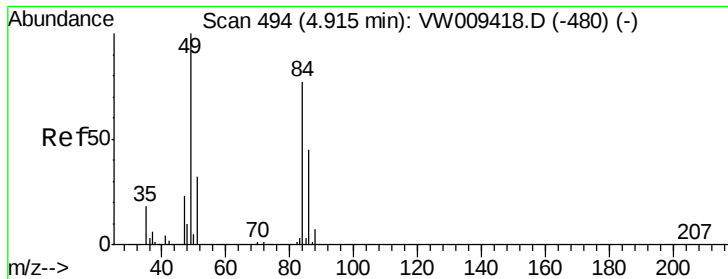
Tgt Ion: 76 Resp: 5191

Ion Ratio Lower Upper

76 100

78 12.3 7.3 10.9#





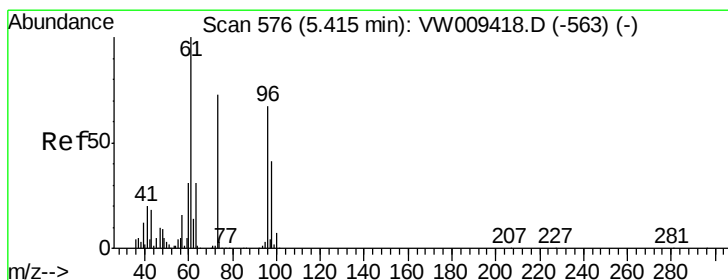
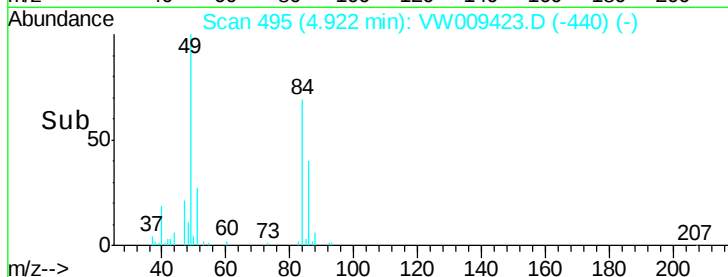
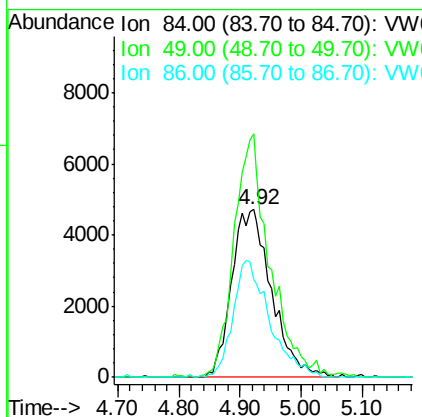
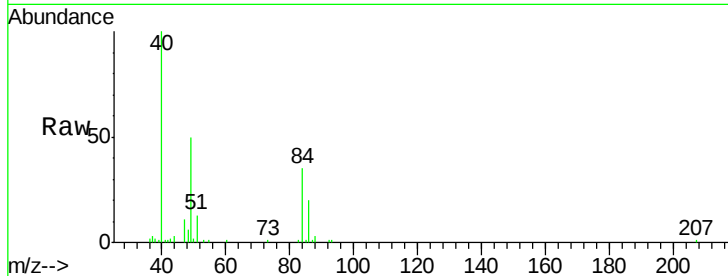
#16
Methvlene chloride
Concen: 7.407 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009423.D
Acq: 25 Mar 2019 12:56

Instrument :
MSVOA_W
ClientSampled :
BF0C0RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	145.1	96.0	178.2
86	58.3	44.4	82.5

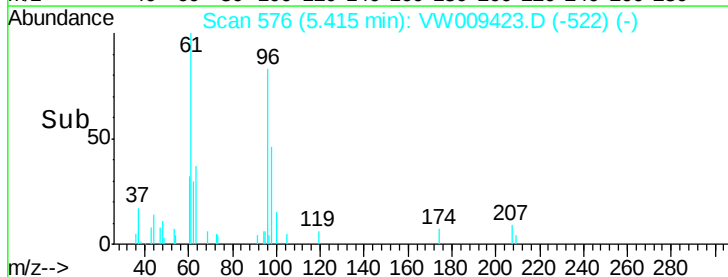
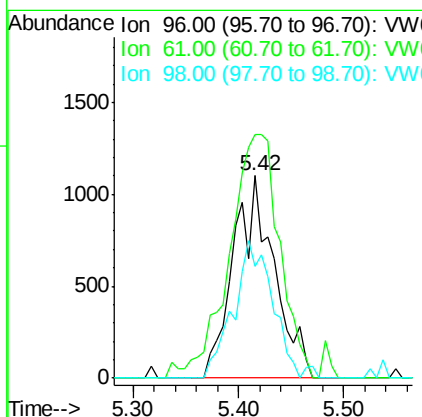
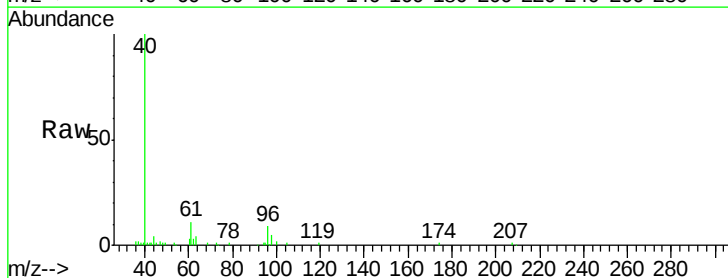
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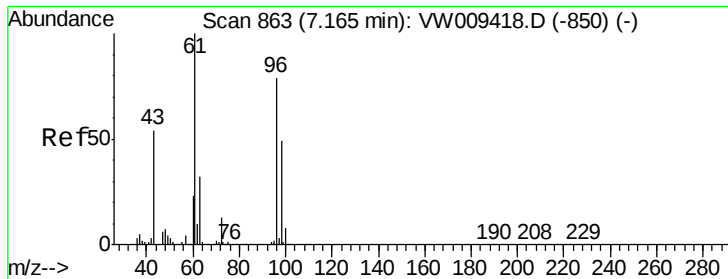
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#18
trans-1,2-Dichloroethene
Concen: 1.159 ug/L m
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW009423.D
Acq: 25 Mar 2019 12:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	120.3	96.7	179.5
98	55.5	43.8	81.4





#22

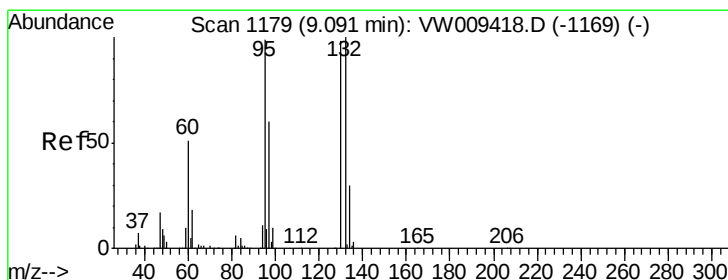
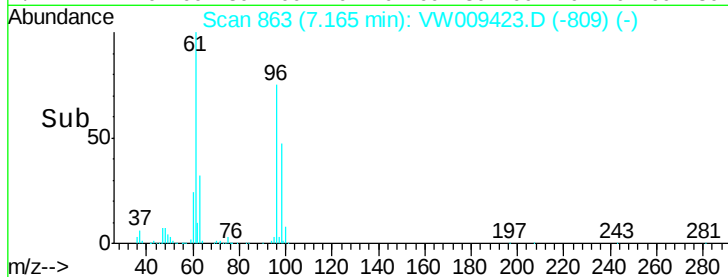
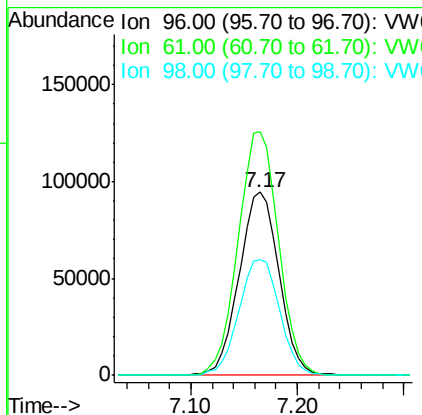
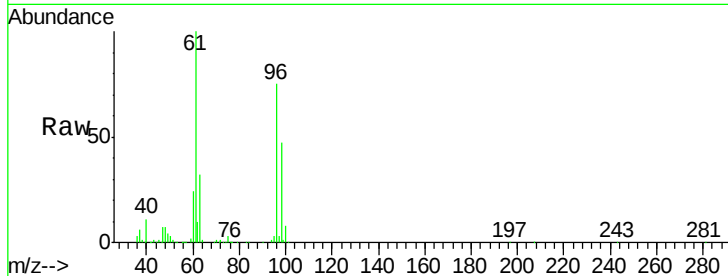
cis-1,2-Dichloroethene
Concen: 89.875 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009423.D
Acq: 25 Mar 2019 12:56

Instrument :
MSVOA_W
ClientSampleId :
BF0C0RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		248977		
61	133.0	90.6	168.3		
98	62.8	44.0	81.8		

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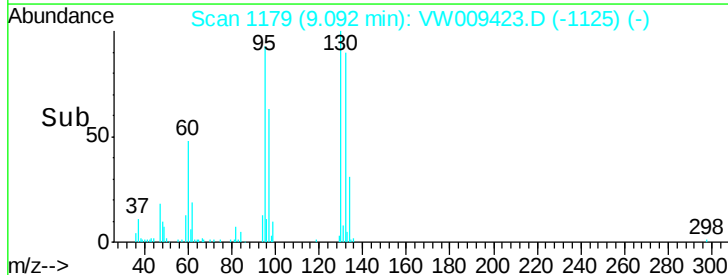
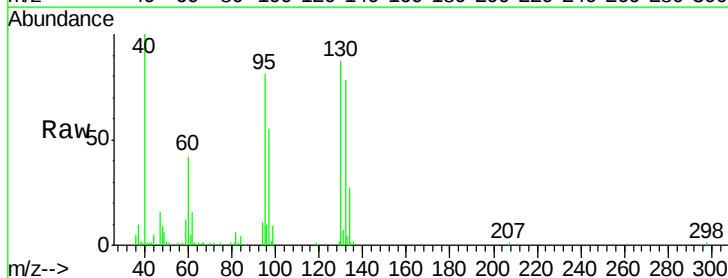
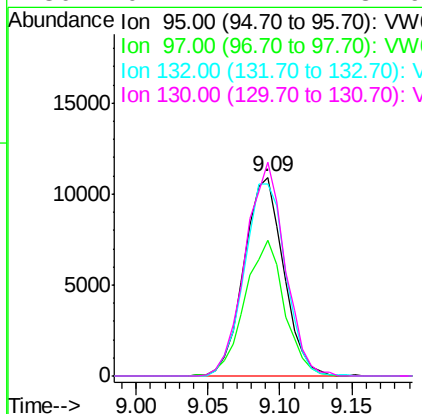
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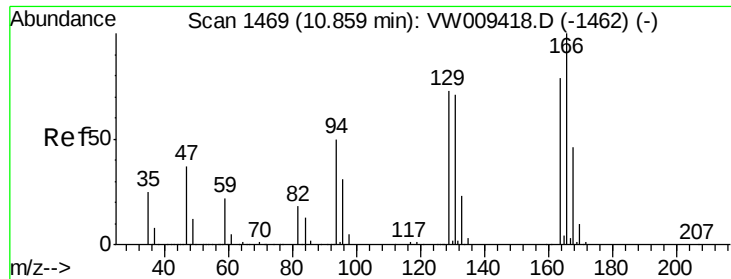


#35

Trichloroethene
Concen: 7.629 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW009423.D
Acq: 25 Mar 2019 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		20820		
97	68.4	44.7	82.9		
132	101.1	69.0	128.2		
130	107.4	72.7	134.9		





#47
Tetrachloroethene
Concen: 1.833 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009423.D
Acq: 25 Mar 2019 12:56

Instrument :
MSVOA_W
ClientSampleId :
BF0C0RE

Tot Ion:	164	Resp:	4227
Ion	Ratio	Lower	Upper
164	100		
129	110.3	66.5	123.5
131	95.7	62.6	116.3
166	142.6	91.6	170.0

Manual Integrations
APPROVED

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3/27/2019 12:12:47 PM

