

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
 Data File : VW011805.D
 Acq On : 09 Aug 2019 11:40
 Operator : SY/VA
 Sample : K4215-09
 Misc : 5.60G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC0

Manual Integrations
 APPROVED

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 8/12/2019 1:09:46 PM

Quant Time: Aug 10 04:43:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:43:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	191120	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	126600	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33805	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	65933	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.00%
7) Chloroethane-d5	2.89	69	58013	29.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.72%
10) 1,1-Dichloroethene-d2	4.02	63	103616	16.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.16%
20) 2-Butanone-d5	7.08	46	82100	67.75	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.50%#
24) Chloroform-d	7.65	84	159693	30.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.68%
26) 1,2-Dichloroethane-d4	8.31	65	99897	32.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.64%
29) Benzene-d6	8.27	84	278429	34.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.88%#
33) 1,2-Dichloropropane-d6	9.27	67	110980	43.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	172.72%#
37) Toluene-d8	10.32	98	178417	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.00%
38) trans-1,3-Dichloropropene-	10.58	79	21036	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.72%
39) 2-Hexanone-d5	10.93	63	46207	76.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.96%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79528	37.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	149.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	38826	29.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.20%

Target Compounds

					Ovalue
13) Acetone	4.13	43	29648	22.845 ug/L	97
14) Carbon disulfide	4.38	76	39064	4.369 ug/L	99
16) Methylene chloride	4.92	84	7381	2.475 ug/L	93
21) 2-Butanone	7.17	43	12570m	7.725 ug/L	
22) cis-1,2-Dichloroethene	7.18	96	4881	1.645 ug/L	93
34) Benzene	8.33	78	8769	0.988 ug/L	100

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

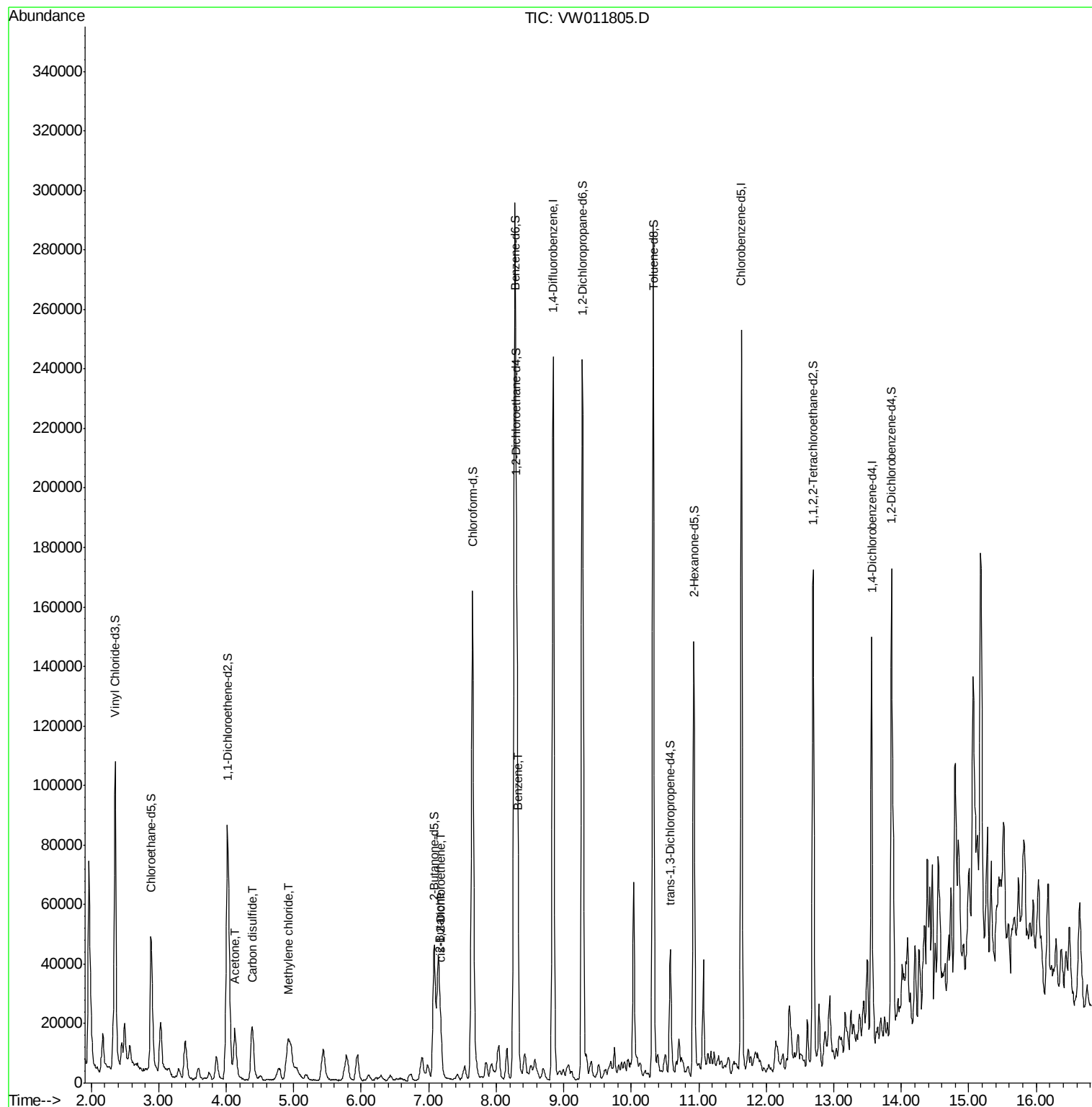
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011805.D
Acq On : 09 Aug 2019 11:40
Operator : SY/VA
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Misc : 5.60G/10ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

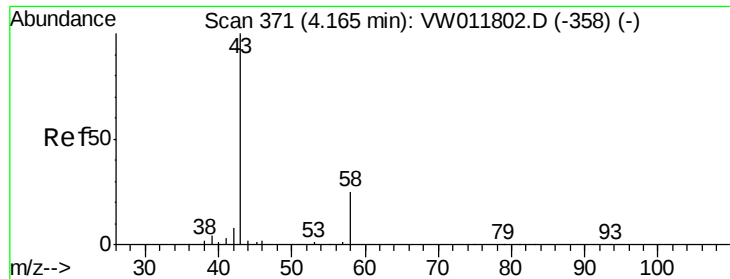
Instrument :
MSVOA_W
ClientSampleId :
ETOC0

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Quant Time: Aug 10 04:43:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 03:43:50 2019
Response via : Initial Calibration





#13

Acetone

Concen: 22.845 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.04 min

Lab File: VW011805.D

Acq: 09 Aug 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

ETOC0

Tot Ion: 43 Resp: 29648

Ion Ratio Lower Upper

43 100

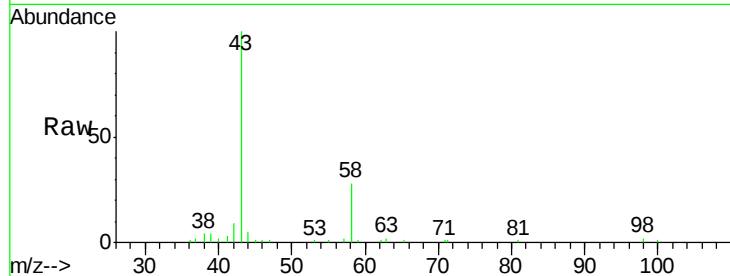
58 28.3 0.0 53.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

12000

10000

8000

6000

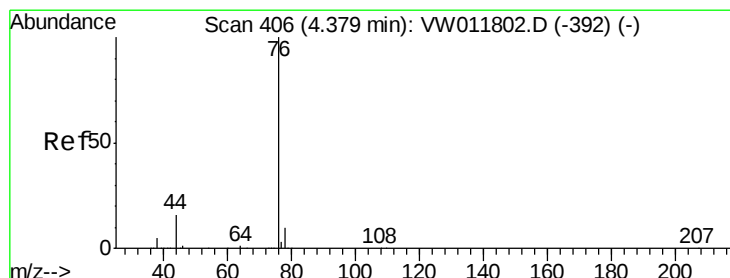
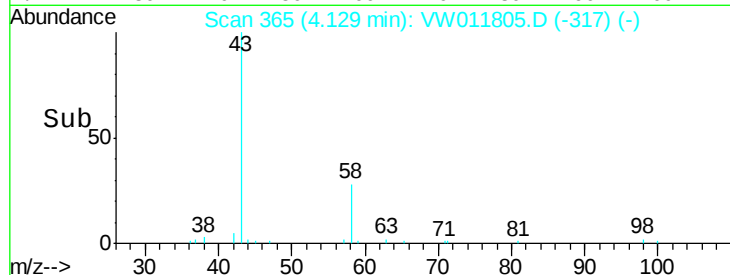
4000

2000

0

4.05 4.10 4.15 4.20 4.25

Time-->



#14

Carbon disulfide

Concen: 4.369 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW011805.D

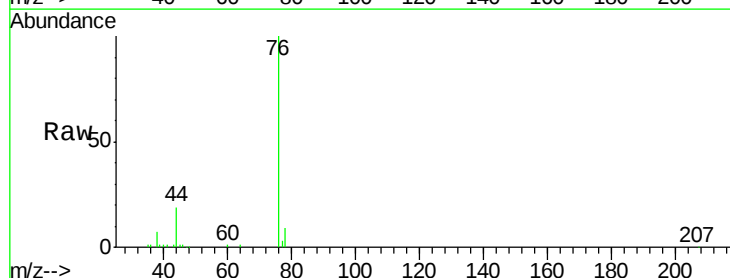
Acq: 09 Aug 2019 11:40

Tgt Ion: 76 Resp: 39064

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

15000

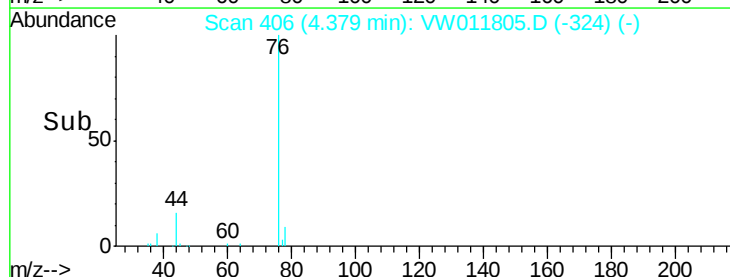
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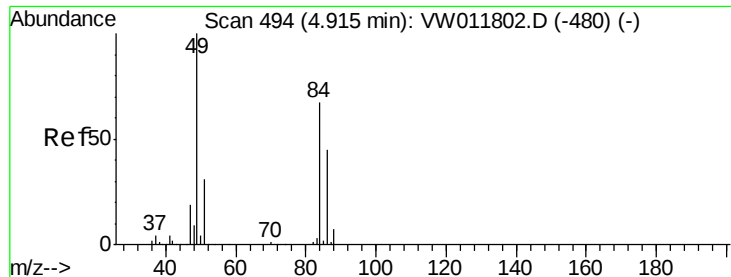
5000

0

4.30 4.40 4.50

Time-->





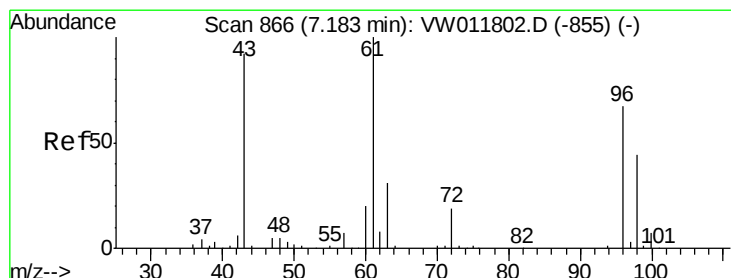
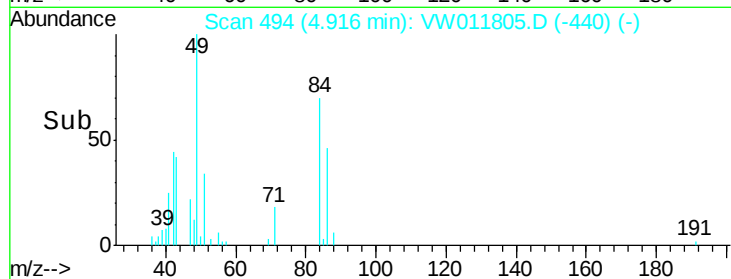
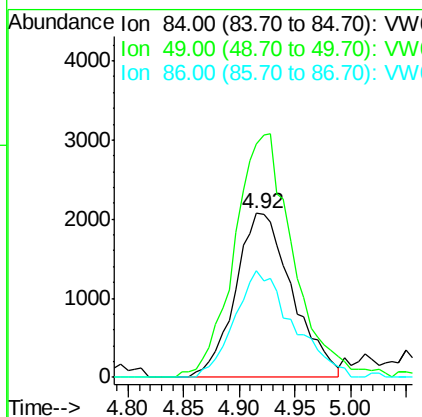
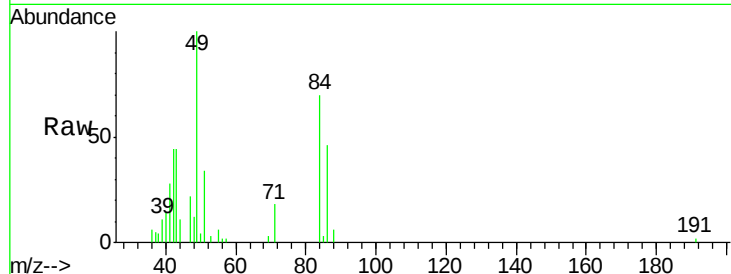
#16
Methylene chloride
Concen: 2.475 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011805.D
Acq: 09 Aug 2019 11:40

Instrument :
MSVOA_W
ClientSampled :
ETOC0

Tot Ion	84	Resp	7381
Ion	Ratio	Lower	Upper
84	100		
49	142.3	106.8	198.4
86	64.9	42.8	79.4

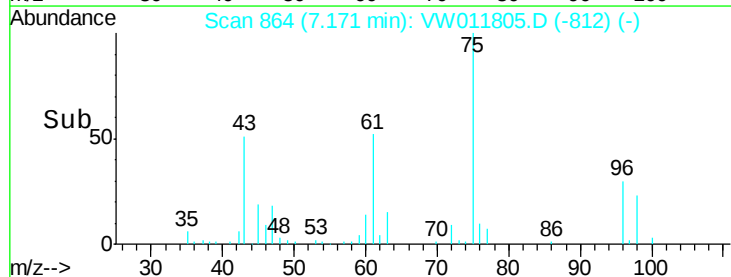
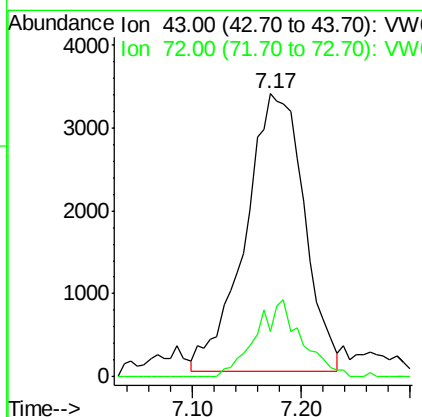
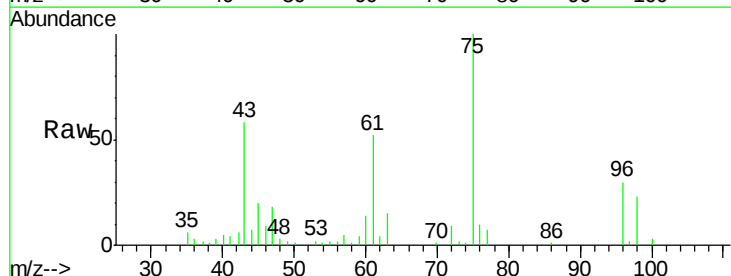
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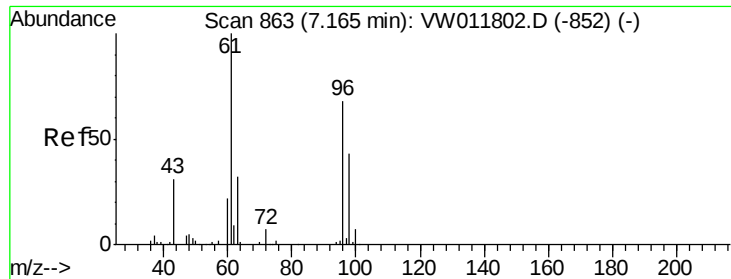
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#21
2-Butanone
Concen: 7.725 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW011805.D
Acq: 09 Aug 2019 11:40

Tgt Ion	43	Resp	12570
Ion	Ratio	Lower	Upper
43	100		
72	8.3	10.7	32.1#





#22

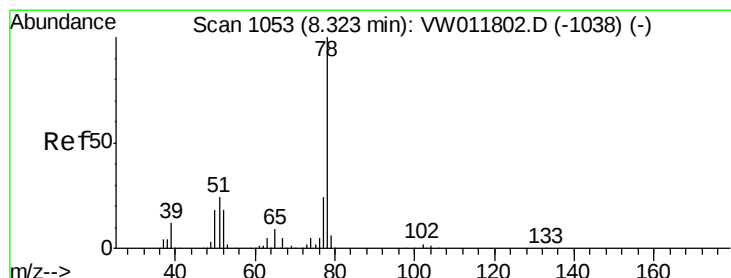
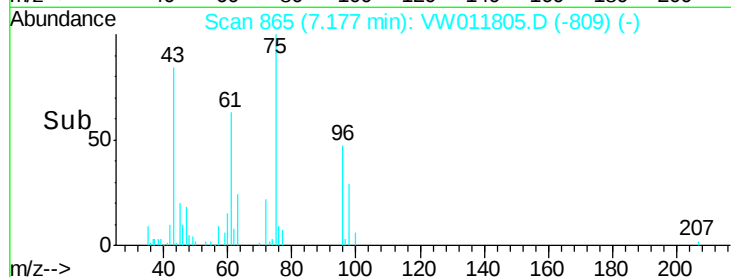
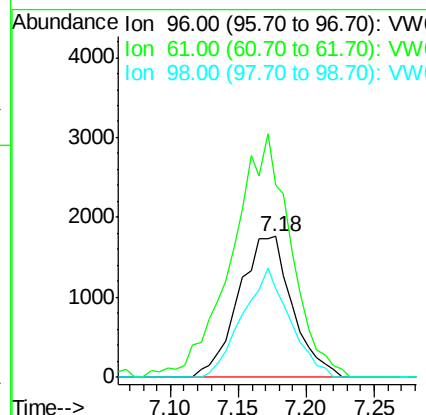
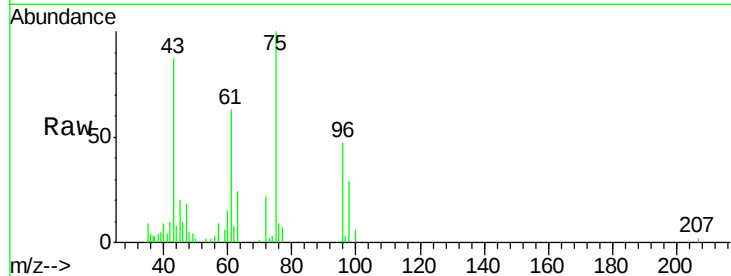
cis-1,2-Dichloroethene
 Concen: 1.645 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW011805.D
 Acq: 09 Aug 2019 11:40

Instrument :
 MSVOA_W
 ClientSampled :
 ETOC0

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	136.1	103.9	192.9	
98	63.3	43.5	80.9	

Manual Integrations
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#34

Benzene
 Concen: 0.988 ug/L
 RT: 8.33 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VW011805.D
 Acq: 09 Aug 2019 11:40

Tgt Ion: 78 Resp: 8769

