

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050719\
 Data File : VW010305.D
 Acq On : 07 May 2019 18:30
 Operator : SY/VA
 Sample : K2690-09
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5155

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 6:02:41 PM

Quant Time: May 08 06:29:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 04:42:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	631778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	649645	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	282454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135835	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
7) Chloroethane-d5	2.89	69	116458	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.68%
10) 1,1-Dichloroethene-d2	4.01	63	230758	12.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.36%
20) 2-Butanone-d5	7.09	46	180480	52.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.92%
24) Chloroform-d	7.65	84	404013	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.30	65	249816	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.32%
29) Benzene-d6	8.27	84	780500	22.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.48%
33) 1,2-Dichloropropane-d6	9.27	67	255982	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.92%
37) Toluene-d8	10.32	98	680043	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.48%
38) trans-1,3-Dichloropropene-	10.58	79	103365	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	10.93	63	137876	50.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	265241	25.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	262878	27.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	52859m	6.163	ug/L	
13) Acetone	4.12	43	9109m	3.124	ug/L	
14) Carbon disulfide	4.38	76	14957m	0.570	ug/L	
16) Methylene chloride	4.92	84	31702m	3.707	ug/L	
18) trans-1,2-Dichloroethene	5.42	96	9652m	1.091	ug/L	
19) 1,1-Dichloroethane	6.20	63	15088	0.890	ug/L	96
22) cis-1,2-Dichloroethene	7.16	96	22369627	2448.502	ug/L	81
35) Trichloroethene	9.09	95	135182	12.831	ug/L	99

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

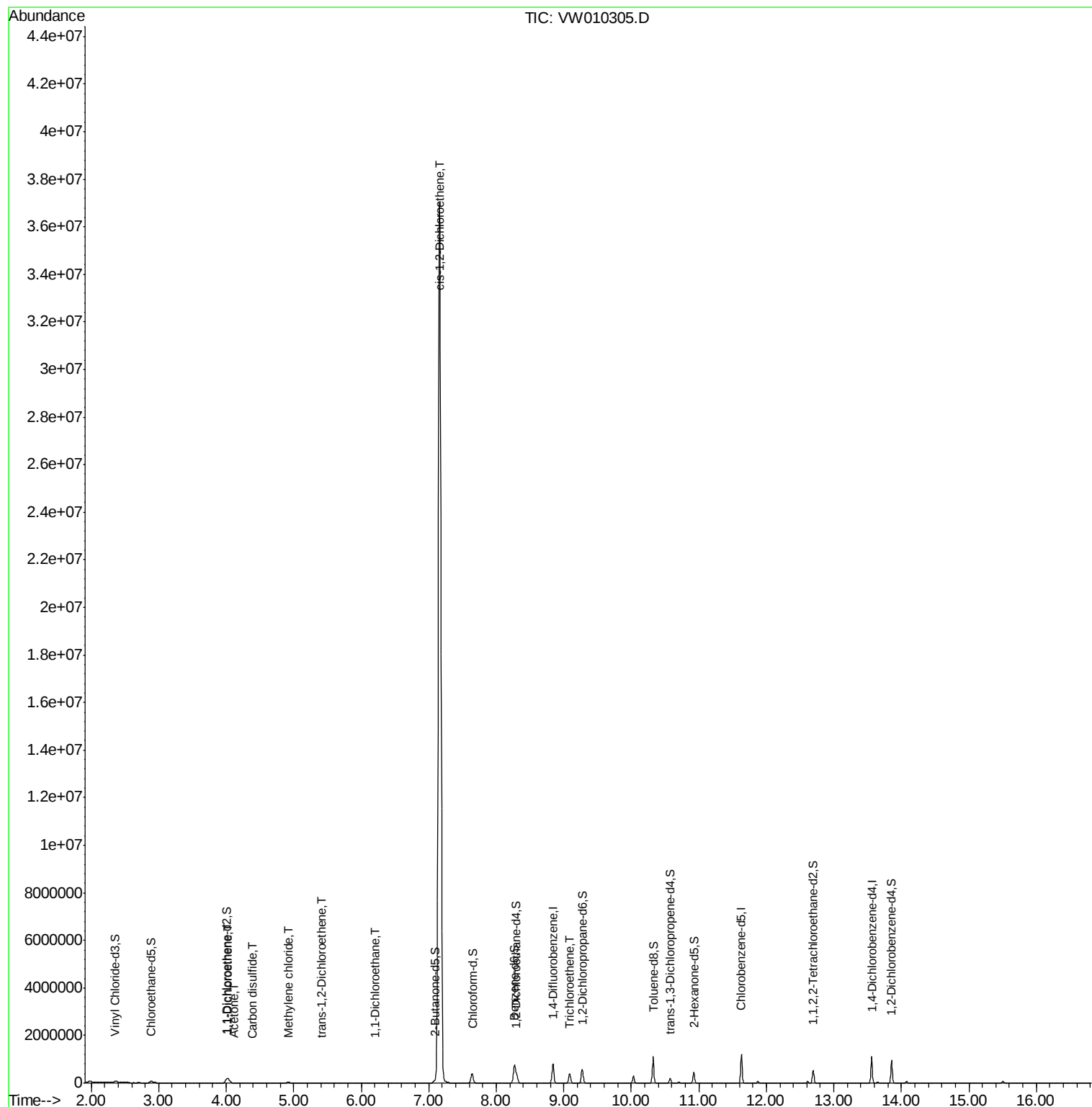
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050719\
Data File : VW010305.D
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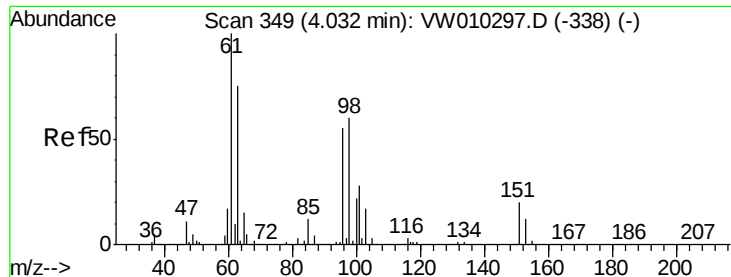
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 04:42:42 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.163 ug/L m

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW010305.D

Acq: 07 May 2019 18:30

Instrument :

MSVOA_W

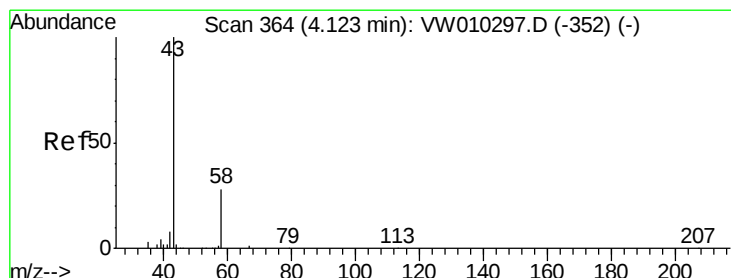
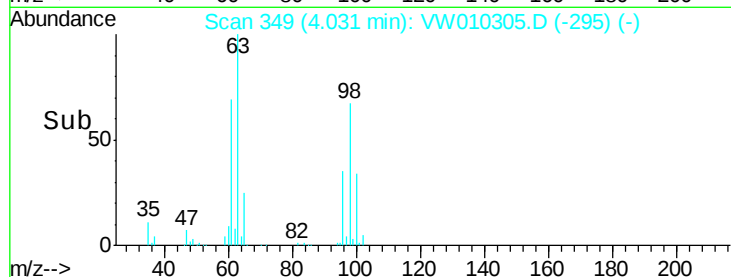
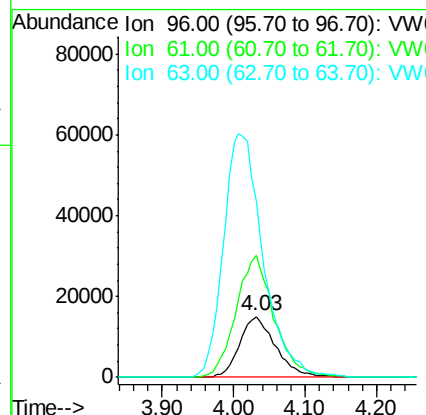
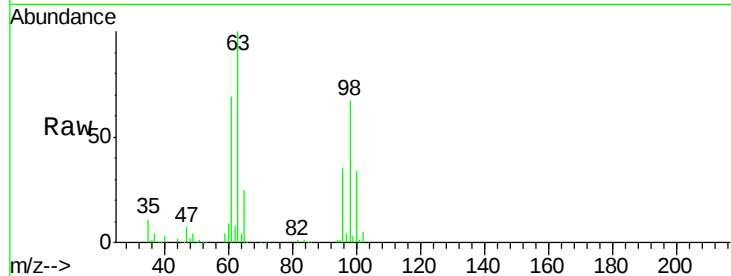
ClientSampled :

A5155

Tot Ion	Ratio	Lower	Upper
96	100		
61	200.2	135.1	250.9
63	289.2	103.1	191.5#

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#13

Acetone

Concen: 3.124 ug/L m

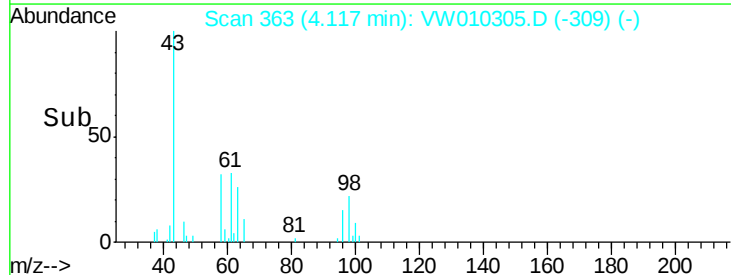
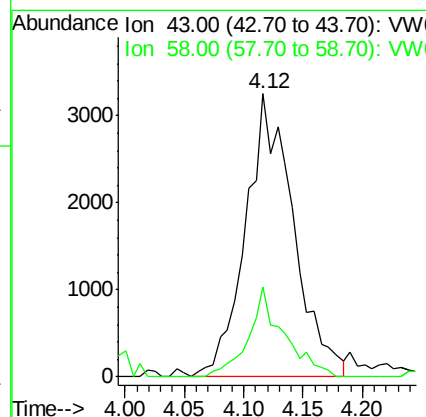
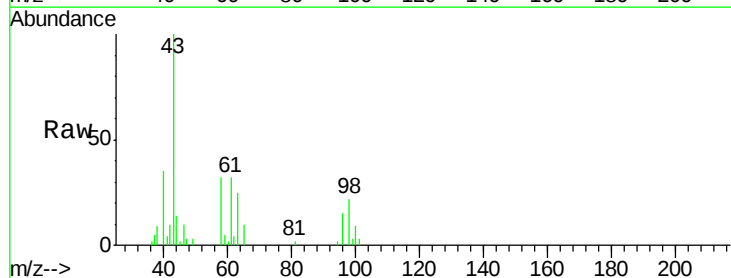
RT: 4.12 min Scan# 363

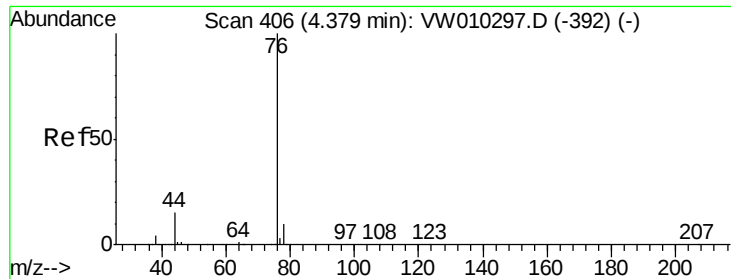
Delta R.T. -0.00 min

Lab File: VW010305.D

Acq: 07 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	16.6	0.0	55.2





#14

Carbon disulfide

Concen: 0.570 ug/L m

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010305.D

Acq: 07 May 2019 18:30

Instrument :

MSVOA_W

ClientSampleId :

A5155

Tot Ion: 76 Resp: 14957

Ion Ratio Lower Upper

76 100

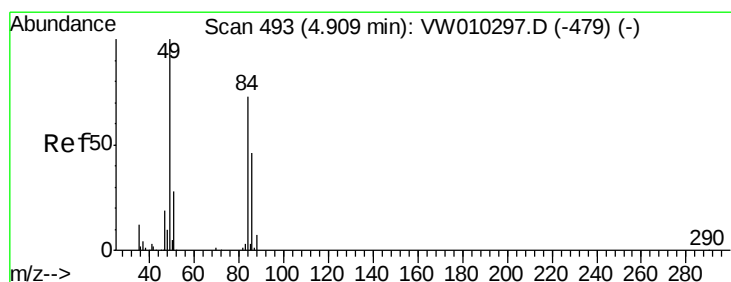
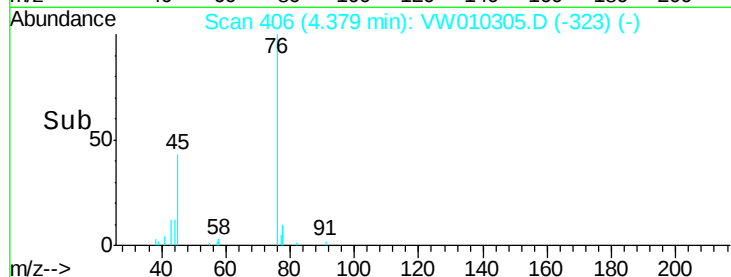
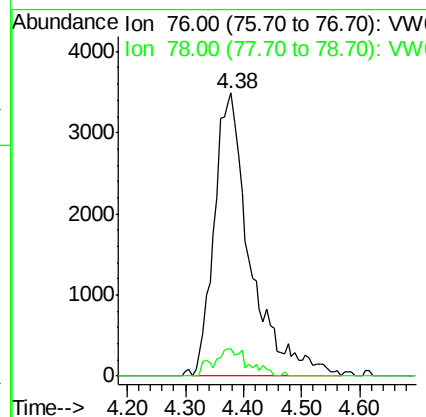
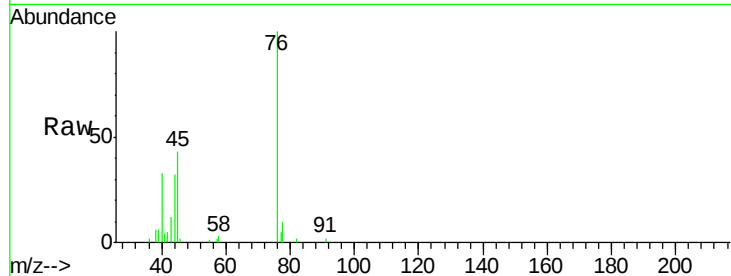
78 9.6 7.5 11.3

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#16

Methylene chloride

Concen: 3.707 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010305.D

Acq: 07 May 2019 18:30

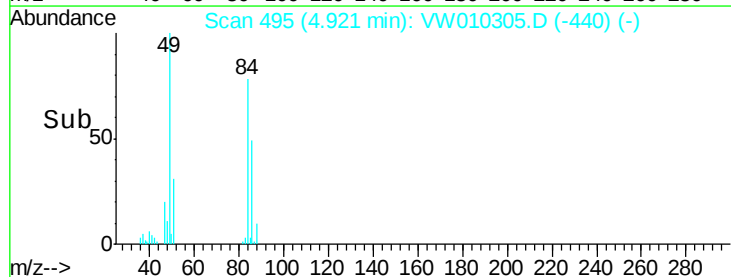
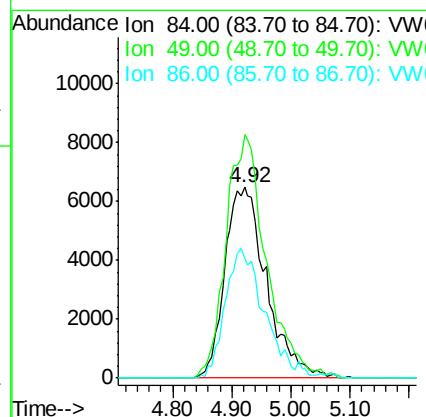
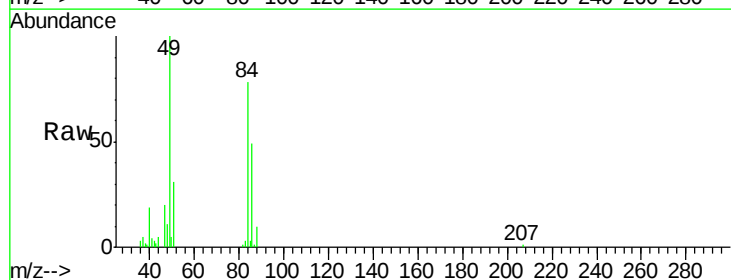
Tgt Ion: 84 Resp: 31702

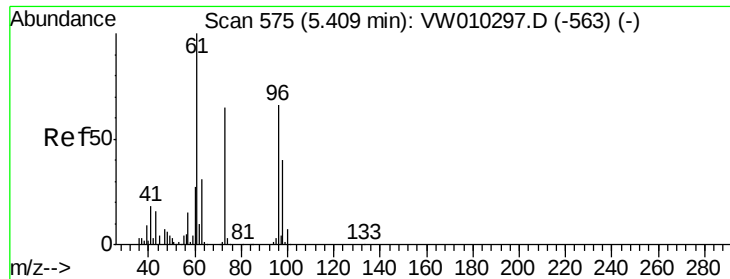
Ion Ratio Lower Upper

84 100

49 127.5 94.4 175.4

86 62.7 43.8 81.4





#18

trans-1,2-Dichloroethene

Concen: 1.091 ug/L m

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW010305.D

Acq: 07 May 2019 18:30

Instrument :

MSVOA_W

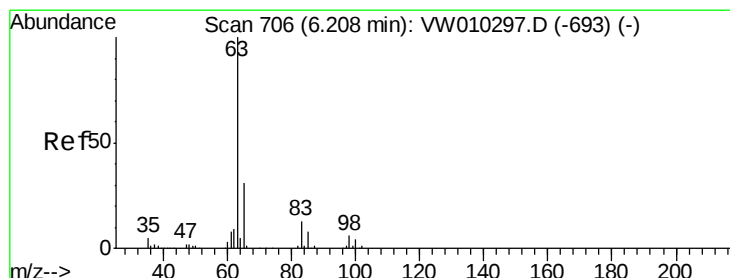
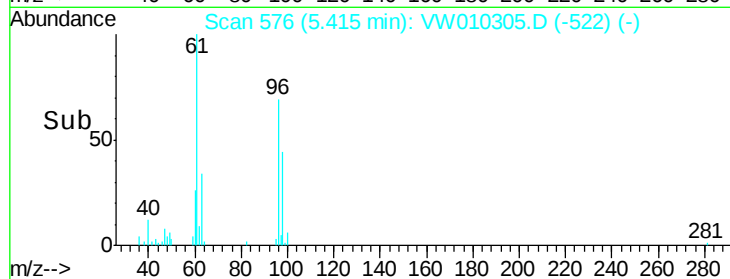
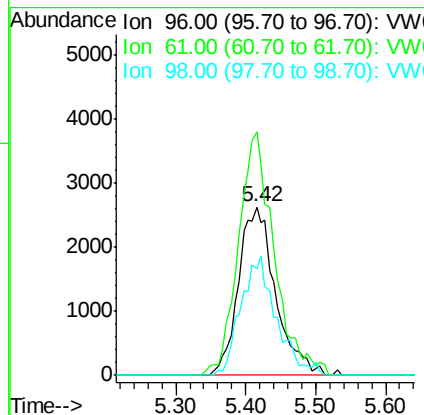
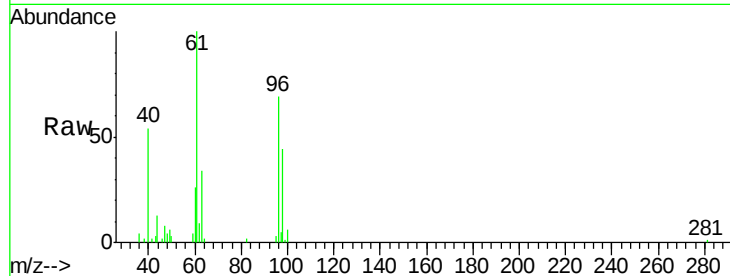
ClientSampled :

A5155

Tot Ion:	96	Resp:	9652
Ion	Ratio	Lower	Upper
96	100		
61	144.7	103.7	192.7
98	63.0	43.6	81.0

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#19

1,1-Dichloroethane

Concen: 0.890 ug/L

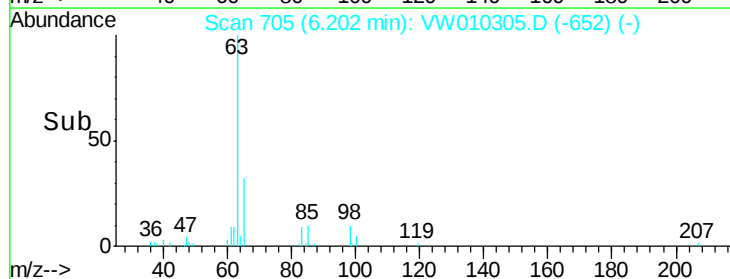
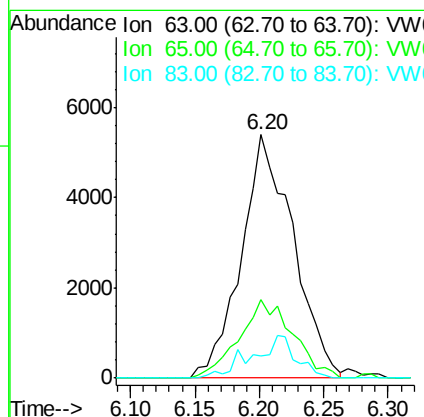
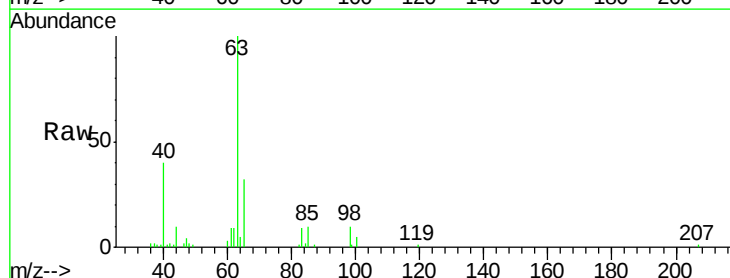
RT: 6.20 min Scan# 705

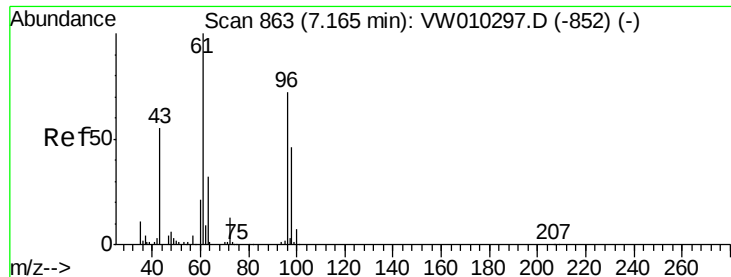
Delta R.T. -0.01 min

Lab File: VW010305.D

Acq: 07 May 2019 18:30

Tgt Ion:	63	Resp:	15088
Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.8	40.4
83	9.3	9.2	17.2





#22

cis-1,2-Dichloroethene
Concen: 2448.502 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW010305.D
Acq: 07 May 2019 18:30

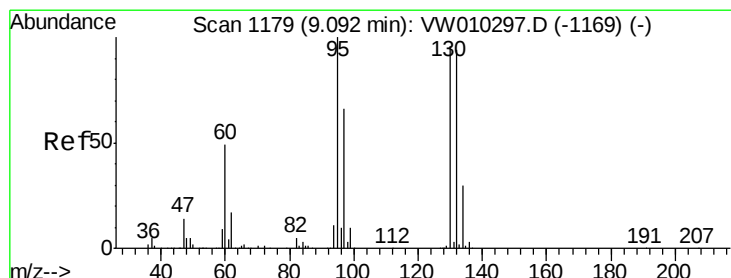
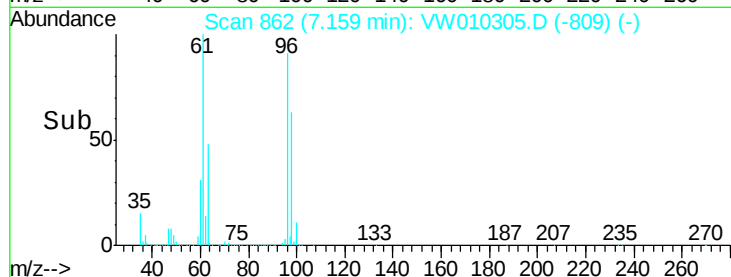
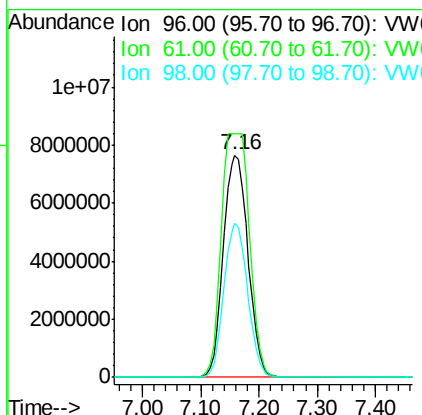
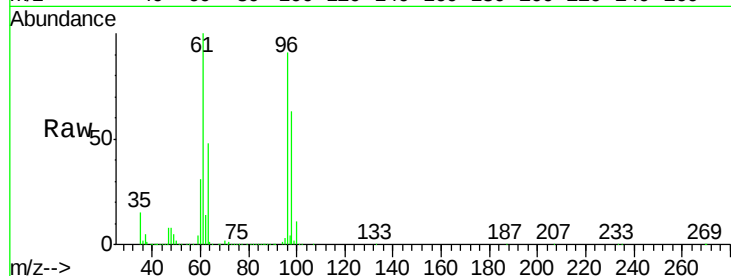
Instrument :
MSVOA_W
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A5155

Tot Ion: 96 Resp: 22369627

Ion	Ratio	Lower	Upper
96	100		
61	109.7	98.2	182.4
98	69.2	45.8	85.2

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#35

Trichloroethene
Concen: 12.831 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW010305.D
Acq: 07 May 2019 18:30

Tgt Ion: 95 Resp: 135182

Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.8	83.2
132	92.9	64.7	120.1
130	97.0	68.3	126.9

