

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050719\
 Data File : VW010306.D
 Acq On : 07 May 2019 18:58
 Operator : SY/VA
 Sample : K2690-10
 Misc : 5.44G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5156

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 6:02:45 PM

Quant Time: May 08 06:41:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:05:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	658282	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	555372	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	303441	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130337	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
7) Chloroethane-d5	2.89	69	108958	16.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.96%
10) 1,1-Dichloroethene-d2	4.01	63	206405	10.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.24%#
20) 2-Butanone-d5	7.09	46	192289	54.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.30%
24) Chloroform-d	7.64	84	381792	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	8.30	65	222045	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.56%
29) Benzene-d6	8.27	84	708590	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	253076	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.76%
37) Toluene-d8	10.32	98	553000	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.24%
38) trans-1,3-Dichloropropene-	10.58	79	96503	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.56%
39) 2-Hexanone-d5	10.93	63	127420	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	272865	31.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.44%#
61) 1,2-Dichlorobenzene-d4	13.86	152	259523	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	30491	3.412	ug/L	# 1
13) Acetone	4.12	43	10391m	3.420	ug/L	
14) Carbon disulfide	4.38	76	27767	1.015	ug/L	97
16) Methylene chloride	4.91	84	28232m	3.168	ug/L	
19) 1,1-Dichloroethane	6.20	63	10635	0.602	ug/L	89
22) cis-1,2-Dichloroethene	7.16	96	14067122	1477.745	ug/L	97
35) Trichloroethene	9.09	95	78290	8.692	ug/L	95

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

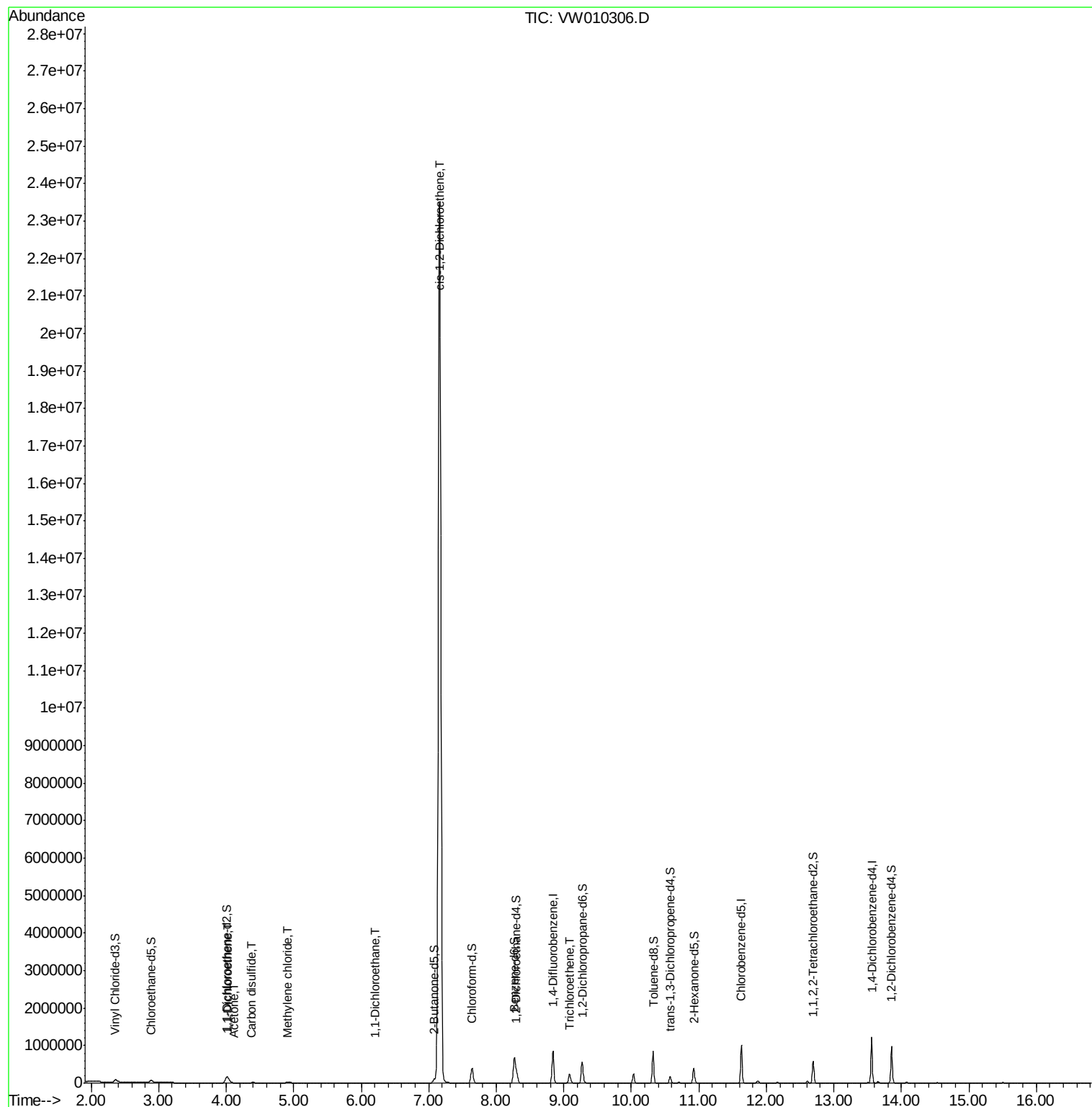
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050719\
Data File : VW010306.D
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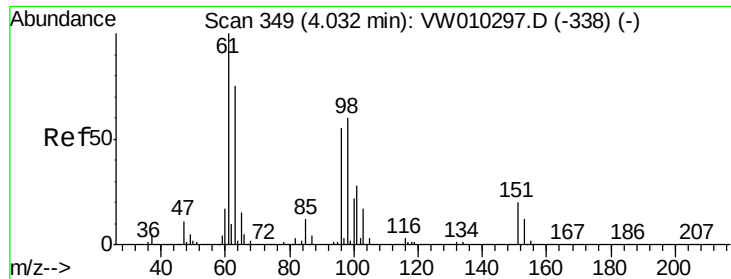
Instrument :
MSVOA_W
ClientSampleId :
A5156

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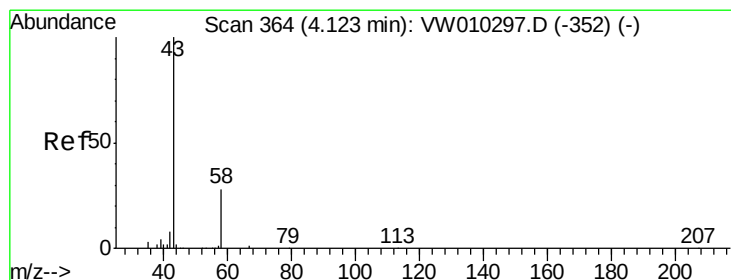
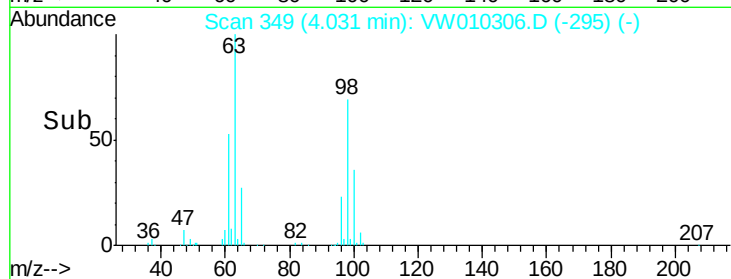
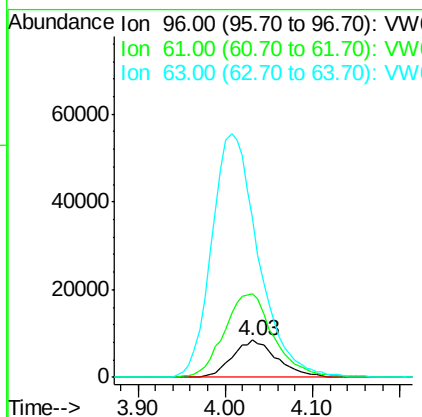
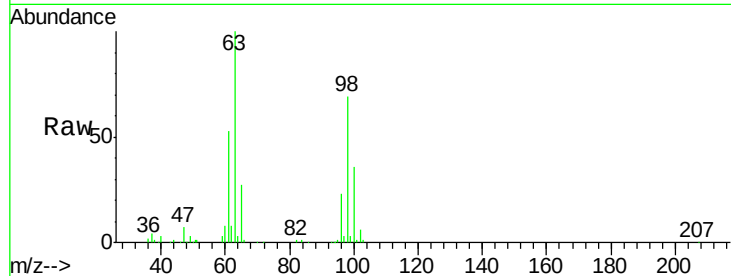
#12
 1,1-Dichloroethene
 Concen: 3.412 ug/L
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW010306.D
 Acq: 07 May 2019 18:58

Instrument :
 MSVOA_W
 ClientSampled :
 A5156

Tot Ion	Ratio	Lower	Upper
96	100		
61	226.3	135.1	250.9
63	428.4	103.1	191.5#

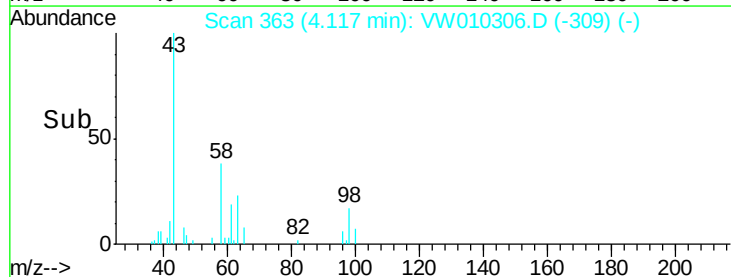
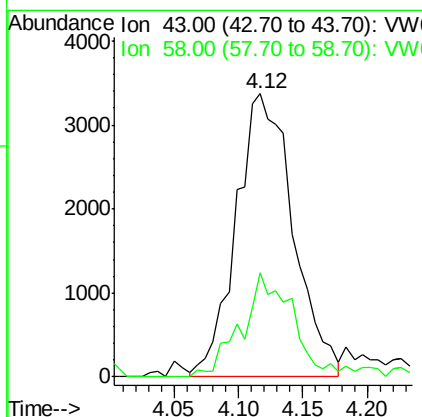
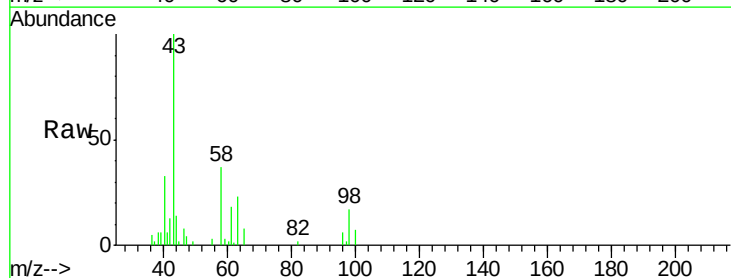
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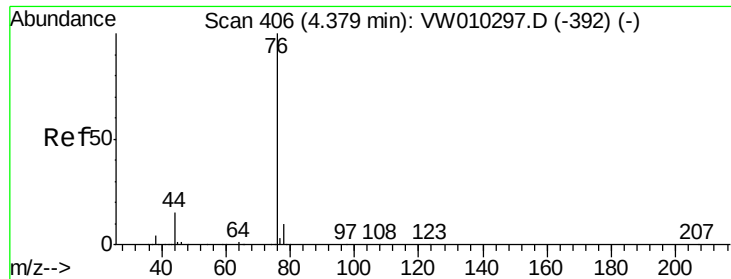
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#13
 Acetone
 Concen: 3.420 ug/L m
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW010306.D
 Acq: 07 May 2019 18:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	23.7	0.0	55.2





#14

Carbon disulfide

Concen: 1.015 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010306.D

Acq: 07 May 2019 18:58

Instrument :

MSVOA_W

ClientSampleId :

A5156

Tot Ion: 76 Resp: 27767

Ion Ratio Lower Upper

76 100

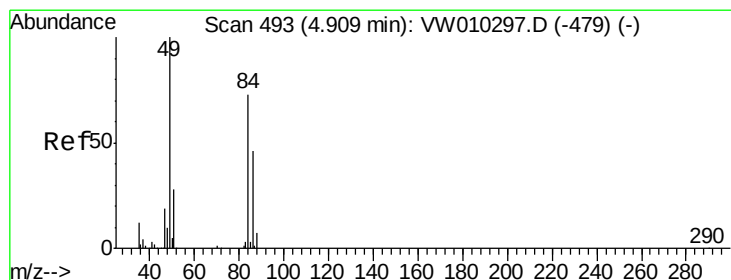
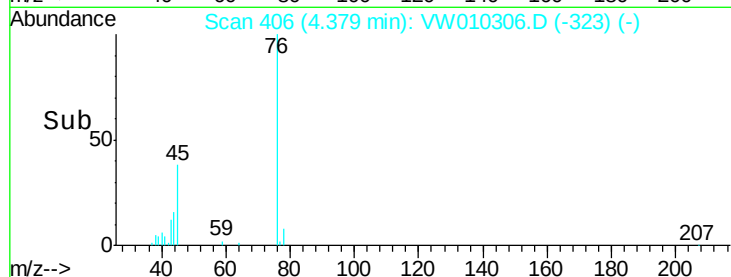
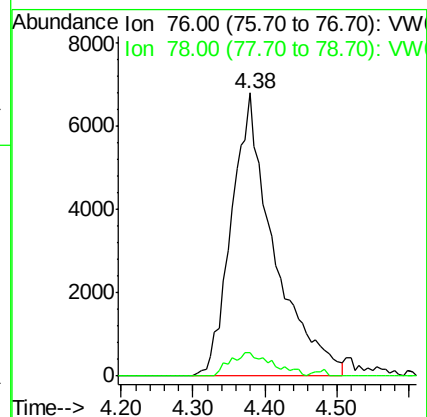
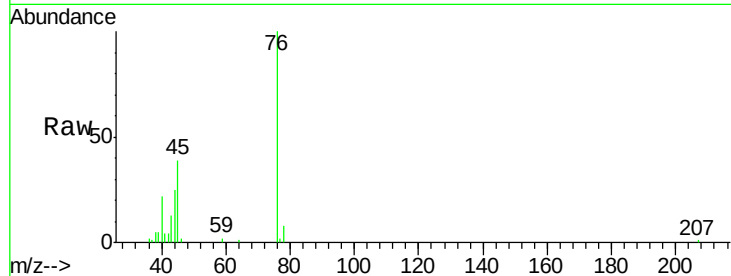
78 8.2 7.5 11.3

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#16

Methylene chloride

Concen: 3.168 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010306.D

Acq: 07 May 2019 18:58

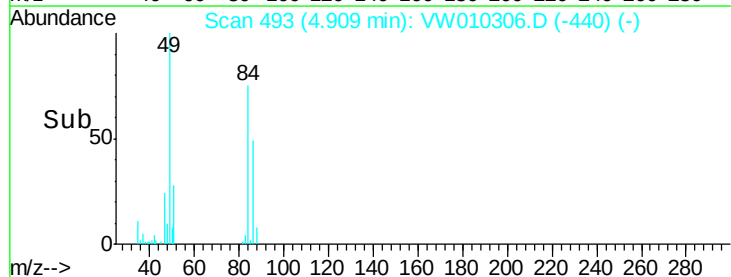
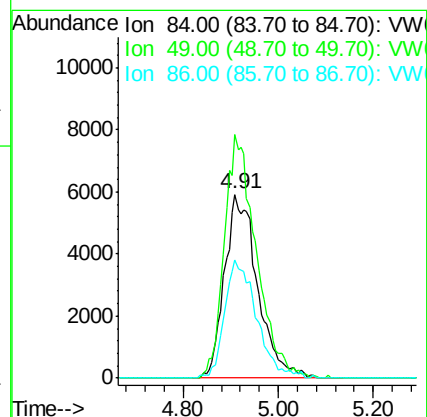
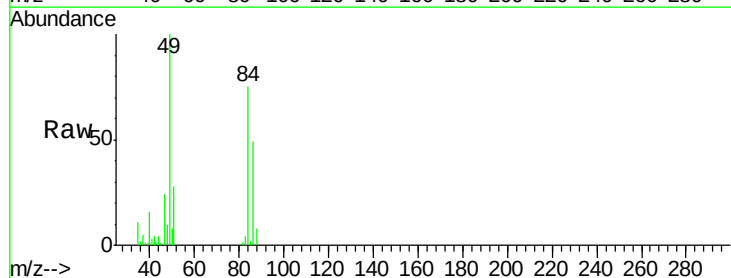
Tgt Ion: 84 Resp: 28232

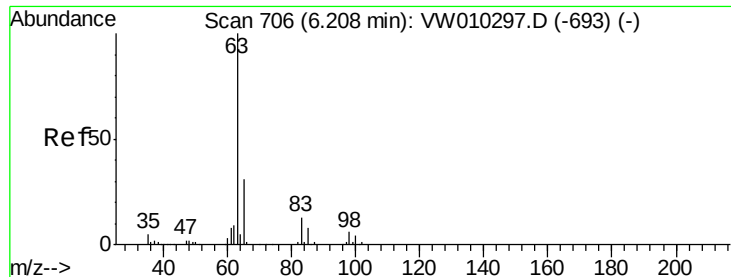
Ion Ratio Lower Upper

84 100

49 132.5 94.4 175.4

86 64.4 43.8 81.4





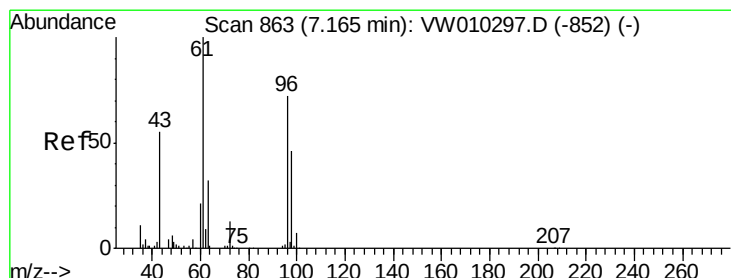
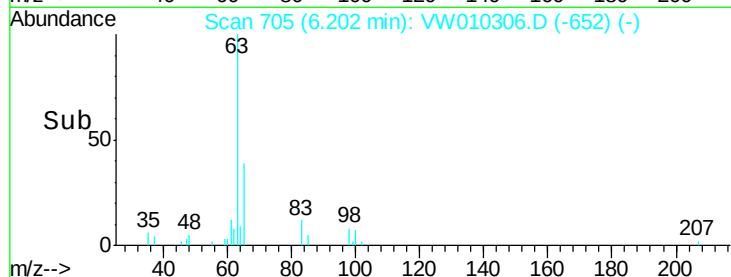
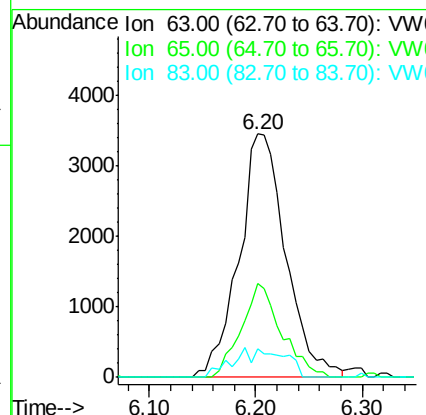
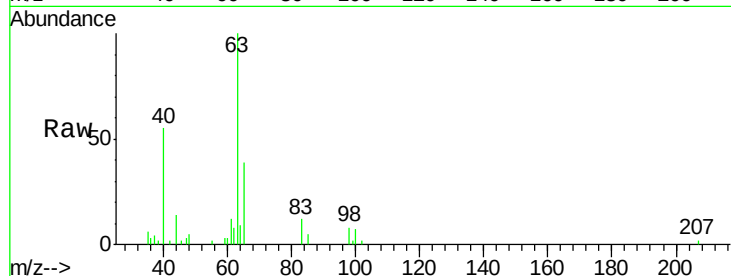
#19
 1,1-Dichloroethane
 Concen: 0.602 ug/L
 RT: 6.20 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: VW010306.D
 Acq: 07 May 2019 18:58

Instrument :
 MSVOA_W
 ClientSampleId :
 A5156

Tot Ion	Ratio	Lower	Upper
63	100		
65	38.7	21.8	40.4
83	11.5	9.2	17.2

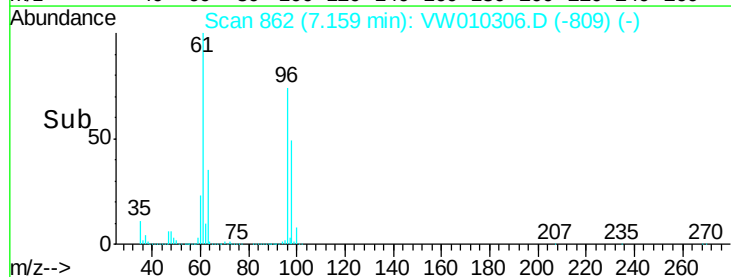
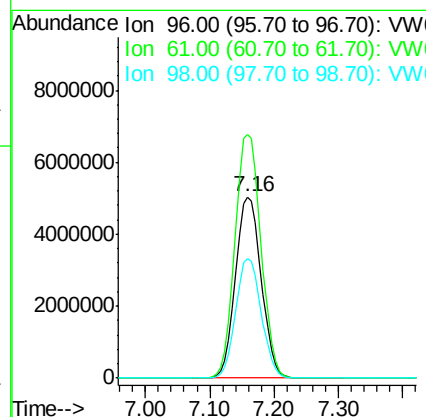
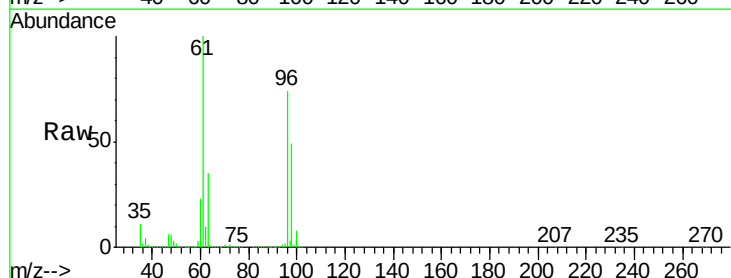
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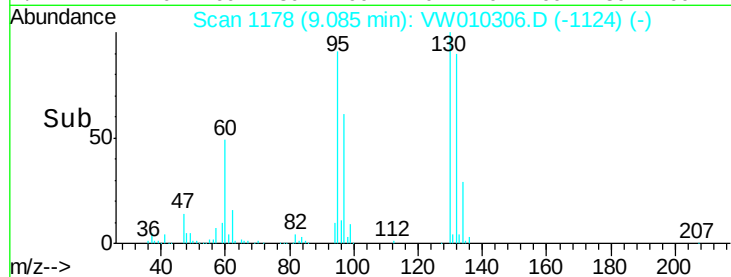
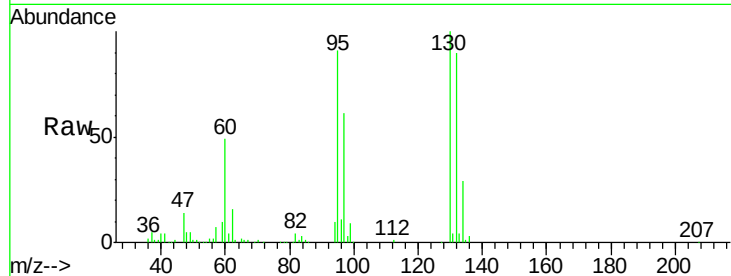
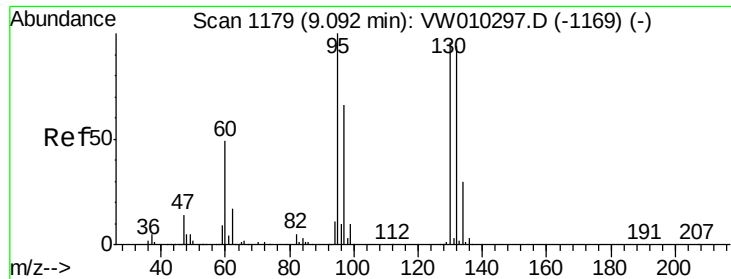
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#22
 cis-1,2-Dichloroethene
 Concen: 1477.745 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW010306.D
 Acq: 07 May 2019 18:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.5	98.2	182.4
98	65.9	45.8	85.2





#35

Trichloroethene

Concen: 8.692 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW010306.D

Acq: 07 May 2019 18:58

Instrument :

MSVOA_W

ClientSampled :

A5156

Tot Ion: 95 Resp: 78290

Ion Ratio Lower Upper

95 100

97 67.5 44.8 83.2

132 97.6 64.7 120.1

130 101.6 68.3 126.9

Manual Integrations

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