

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040519\
 Data File : VW009740.D
 Acq On : 05 Apr 2019 18:41
 Operator : SY/VA
 Sample : K2277-08
 Misc : 5.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF171

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:33:10 AM

Quant Time: Apr 26 00:50:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 03:51:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	350744	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336779	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152059	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126174	27.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.96%
7) Chloroethane-d5	2.89	69	116958	27.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.24%
10) 1,1-Dichloroethene-d2	4.02	63	343630	34.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	139.24%#
20) 2-Butanone-d5	7.07	46	116404	78.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.22%#
24) Chloroform-d	7.64	84	276113	28.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	8.31	65	181697	30.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.68%
29) Benzene-d6	8.27	84	525205	29.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.84%
33) 1,2-Dichloropropane-d6	9.27	67	160726	29.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.72%
37) Toluene-d8	10.32	98	469456	28.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.88%
38) trans-1,3-Dichloropropene-	10.58	79	74833	28.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.92%
39) 2-Hexanone-d5	10.93	63	81973	79.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	163396	32.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.76%#
61) 1,2-Dichlorobenzene-d4	13.85	152	172134	32.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.04%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	209204	44.907	ug/L	83
13) Acetone	4.12	43	5312	3.327	ug/L	96
16) Methylene chloride	4.91	84	6200m	1.002	ug/L	
19) 1,1-Dichloroethane	6.21	63	37132	3.994	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	1069725	206.442	ug/L	99
35) Trichloroethene	9.09	95	758317	143.005	ug/L	99
47) Tetrachloroethene	10.86	164	4532258	1085.208	ug/L	98

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

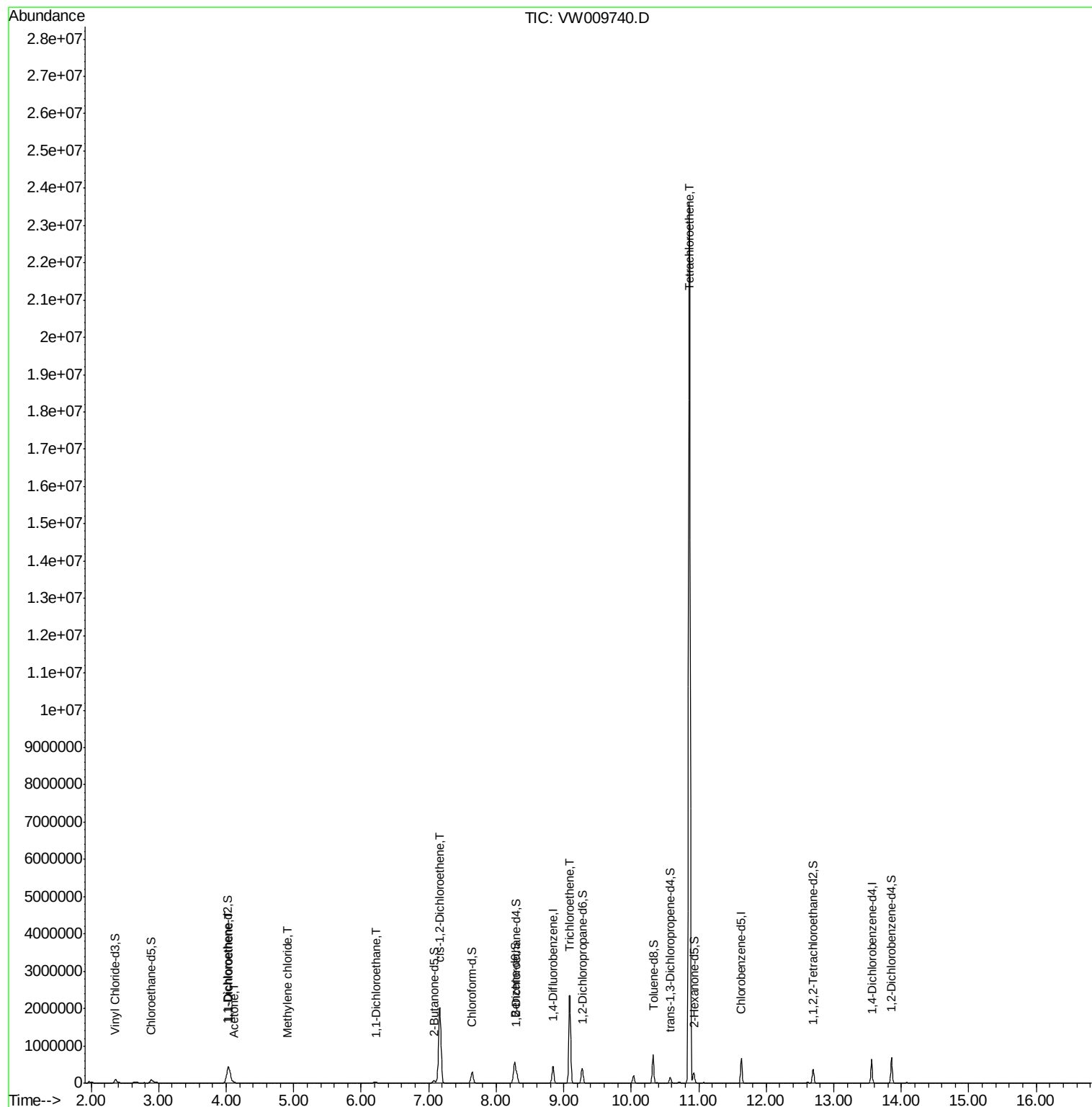
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040519\
Data File : VW009740.D
Acq On : 05 Apr 2019 18:41
Operator : SY/VA
Sample : K2277-08
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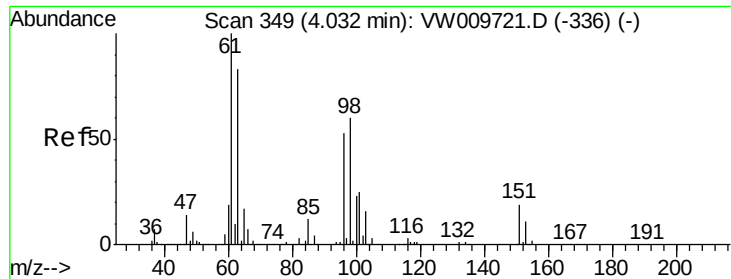
Instrument :
MSVOA_W
ClientSampleId :
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Response via : Initial Calibration





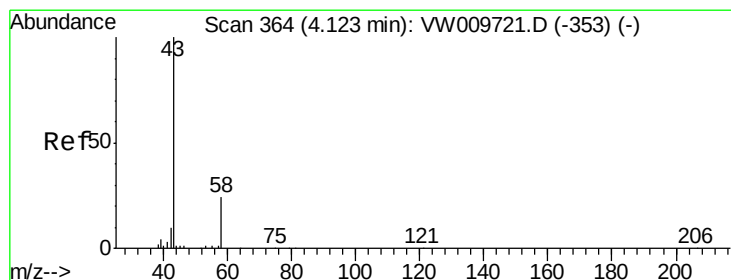
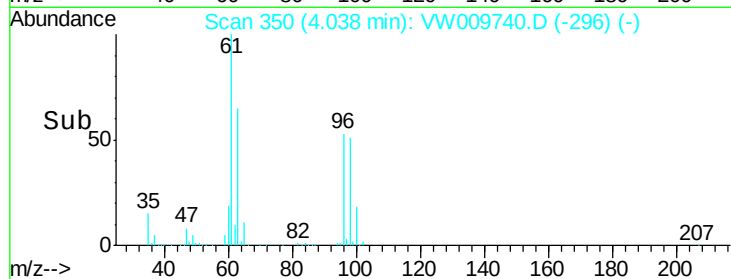
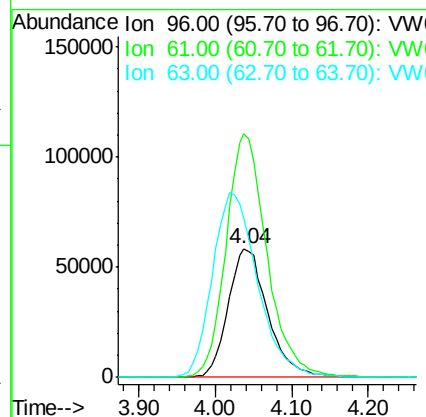
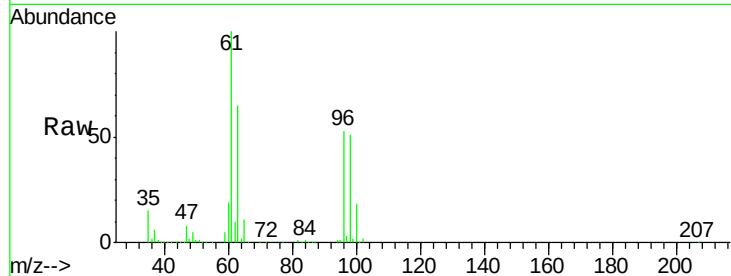
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 1,1-Dichloroethene
 Concen: 44.907 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW009740.D
 Acq: 05 Apr 2019 18:41

Instrument :
 MSVOA_W
 ClientSampled :
 BF171

Tot Ion	Ratio	Resp	Lower	Upper
96	100	209204		
61	188.9		138.8	257.8
63	123.3		114.6	212.8

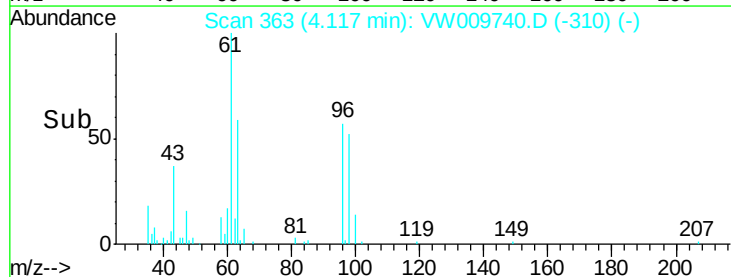
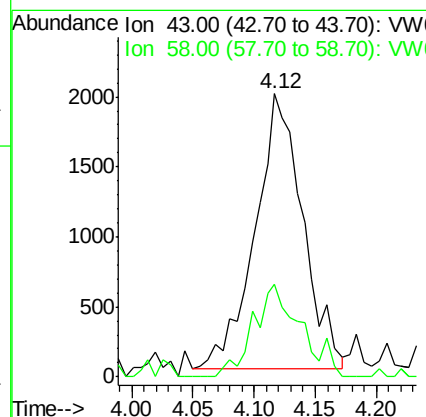
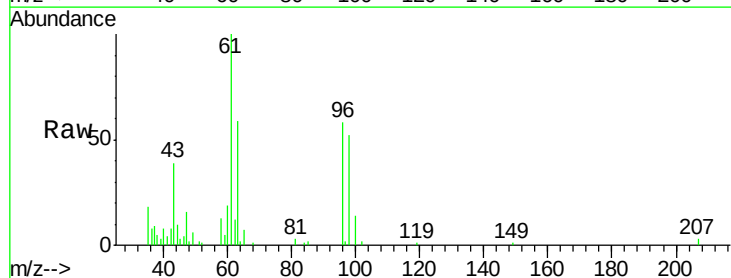
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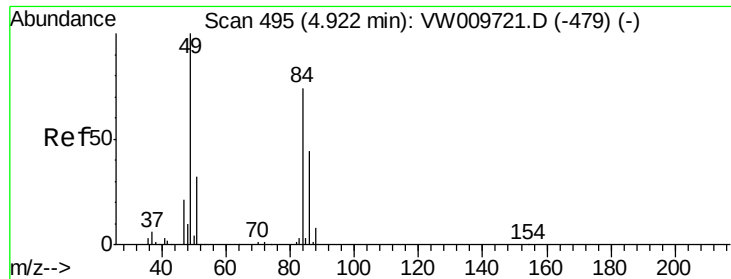
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#13
 Acetone
 Concen: 3.327 ug/L
 RT: 4.12 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VW009740.D
 Acq: 05 Apr 2019 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	5312		
58	24.5		0.0	53.0





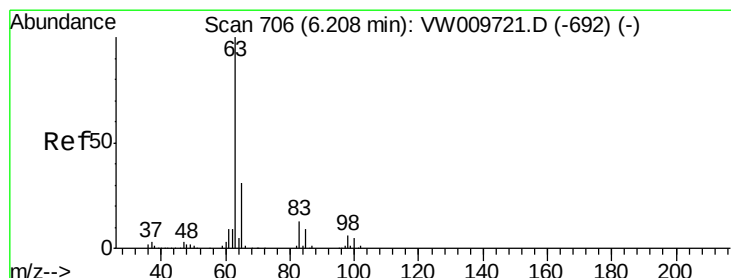
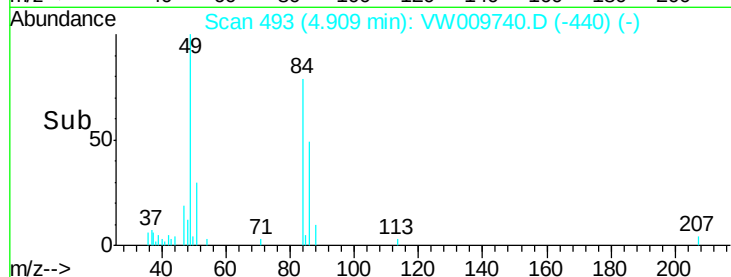
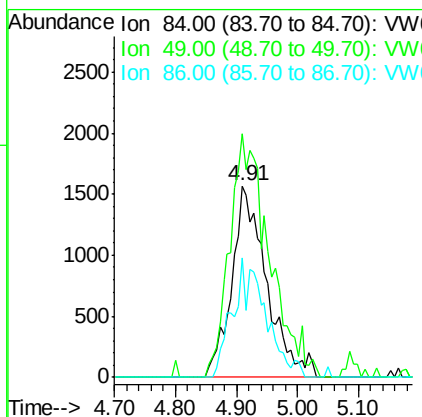
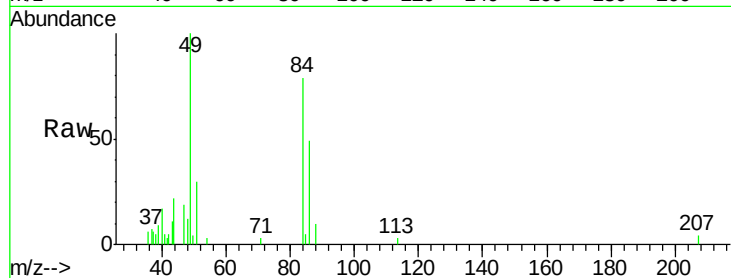
#16
Methylene chloride
Concen: 1.002 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009740.D
Acq: 05 Apr 2019 18:41

Instrument :
MSVOA_W
ClientSampled :
BF171

Tot Ion	Ratio	Lower	Upper
84	100		
49	127.2	98.3	182.5
86	62.4	46.4	86.2

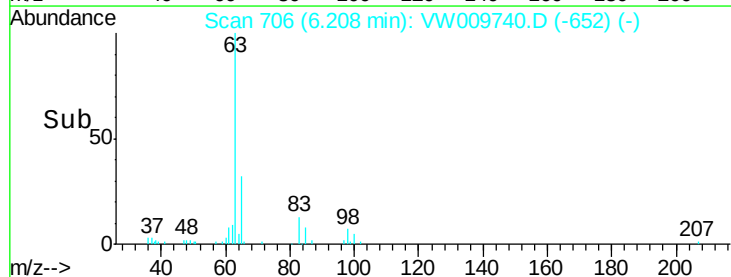
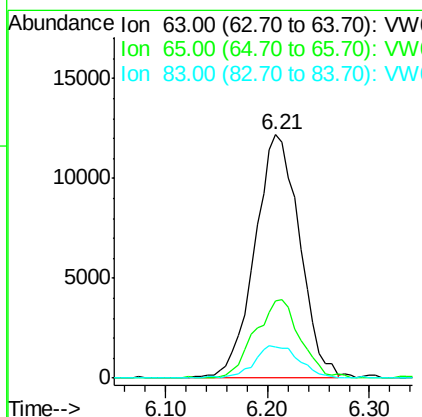
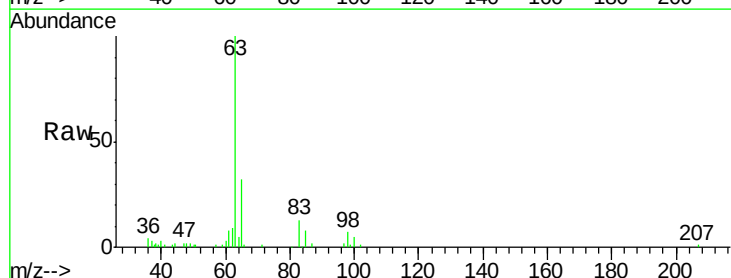
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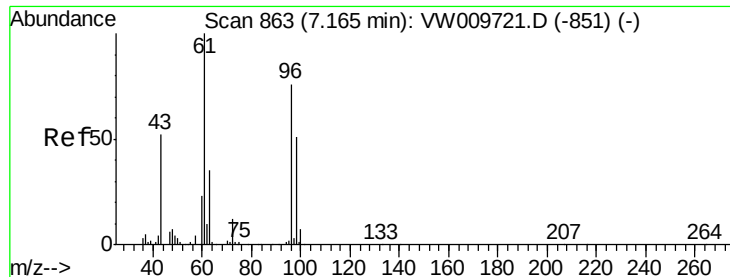
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#19
1,1-Dichloroethane
Concen: 3.994 ug/L
RT: 6.21 min Scan# 706
Delta R.T. 0.00 min
Lab File: VW009740.D
Acq: 05 Apr 2019 18:41

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.6	42.0
83	13.0	9.8	18.2





#22

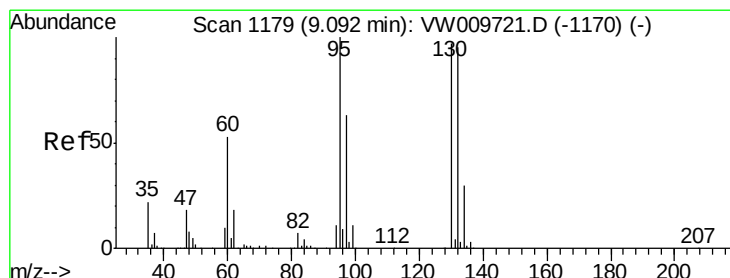
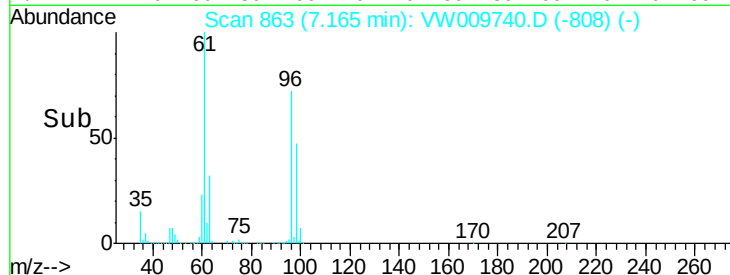
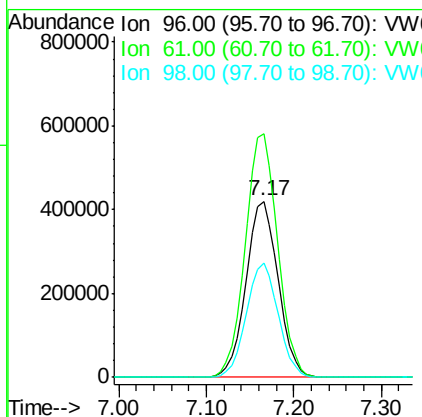
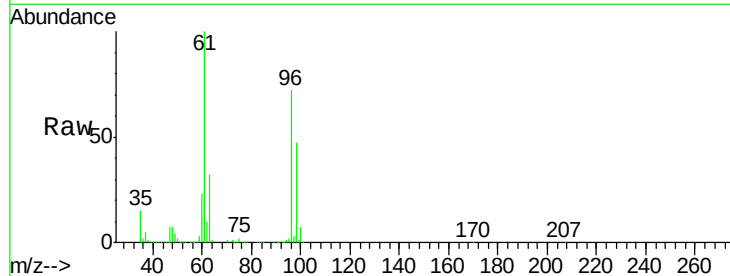
cis-1,2-Dichloroethene
 Concen: 206.442 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW009740.D
 Acq: 05 Apr 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 BF171

Tot Ion	96	Resp	1069725
Ion	Ratio	Lower	Upper
96	100		
61	138.5	96.8	179.8
98	64.7	43.5	80.9

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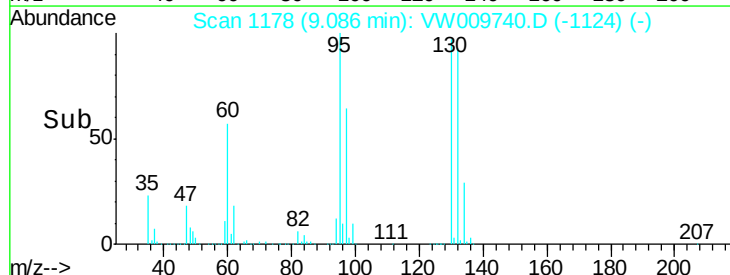
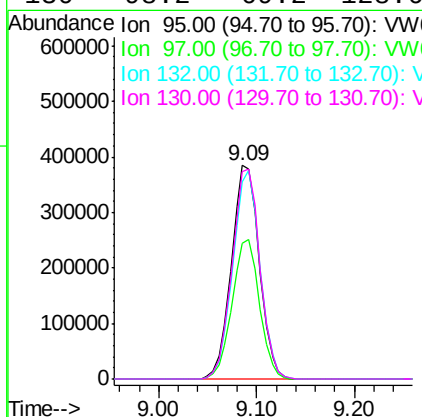
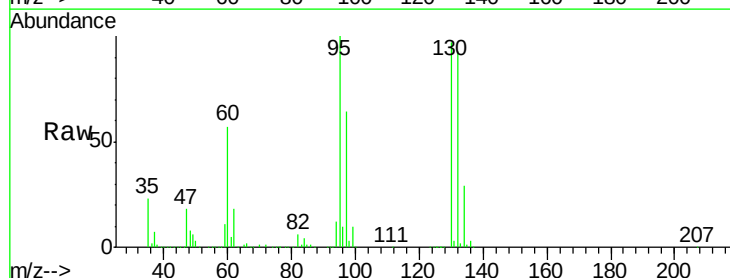
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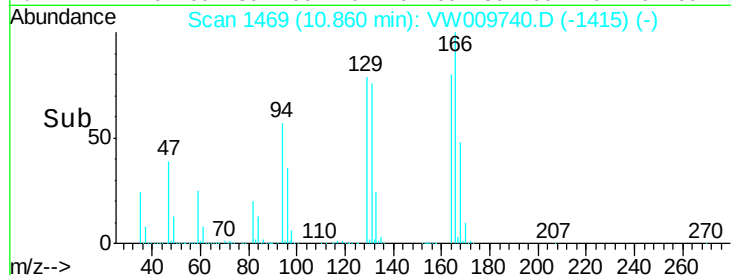
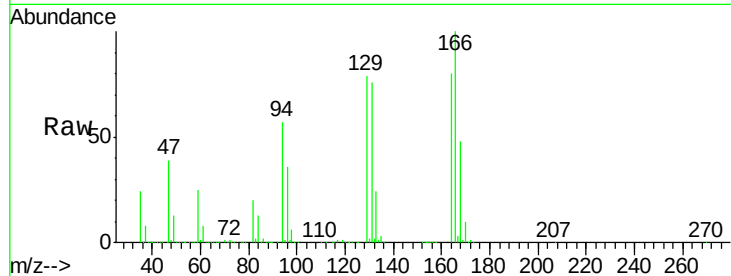
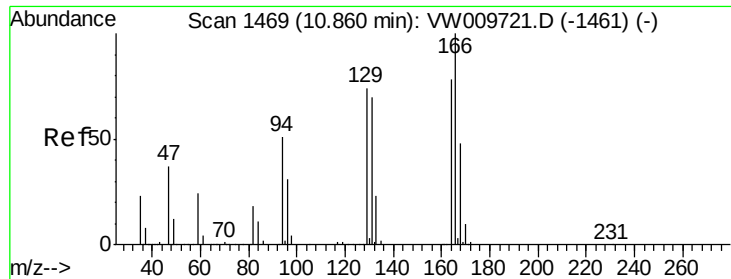


#35

Trichloroethene
 Concen: 143.005 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009740.D
 Acq: 05 Apr 2019 18:41

Tgt Ion	95	Resp	758317
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.9	83.5
132	95.1	67.1	124.7
130	98.2	69.2	128.6





#47

Tetrachloroethene

Concen: 1085.208 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009740.D

Acq: 05 Apr 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

BF171

Tot Ion:164 Resp: 4532258

Ion Ratio Lower Upper

164 100

129 99.1 68.9 127.9

131 94.7 63.1 117.1

166 125.3 88.5 164.4

Manual Integrations

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4/8/2019 3:33:10 AM

