

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009749.D
 Acq On : 06 Apr 2019 01:36
 Operator : SY/VA
 Sample : K2277-07
 Misc : 5.47G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF169

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Apr 08 06:43:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	437309	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	402844	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177955	25.00	ug/L	0.00

4/11/2019 11:42:49 AM

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153353	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.20%
7) Chloroethane-d5	2.89	69	140686	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.32%
10) 1,1-Dichloroethene-d2	4.02	63	369928	30.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	120.24%#
20) 2-Butanone-d5	7.08	46	82377	44.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.68%
24) Chloroform-d	7.65	84	341287	28.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.40%
26) 1,2-Dichloroethane-d4	8.30	65	199602	27.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.00%
29) Benzene-d6	8.27	84	663952	31.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.60%
33) 1,2-Dichloropropane-d6	9.27	67	197650	30.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.04%#
37) Toluene-d8	10.32	98	593962	30.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.52%
38) trans-1,3-Dichloropropene-	10.58	79	81197	26.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.24%
39) 2-Hexanone-d5	10.93	63	55290	44.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147396	24.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	192711	30.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.44%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.37	62	4066m	0.532	ug/L	
12) 1,1-Dichloroethene	4.04	96	182183	31.366	ug/L	81
16) Methylene chloride	4.92	84	10370m	1.345	ug/L	
18) trans-1,2-Dichloroethene	5.42	96	4114	0.681	ug/L	85
19) 1,1-Dichloroethane	6.21	63	40266	3.473	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	2551095	394.870	ug/L	98
35) Trichloroethene	9.09	95	2148415	338.709	ug/L	99
47) Tetrachloroethene	10.86	164	22706595m	4545.257	ug/L	

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

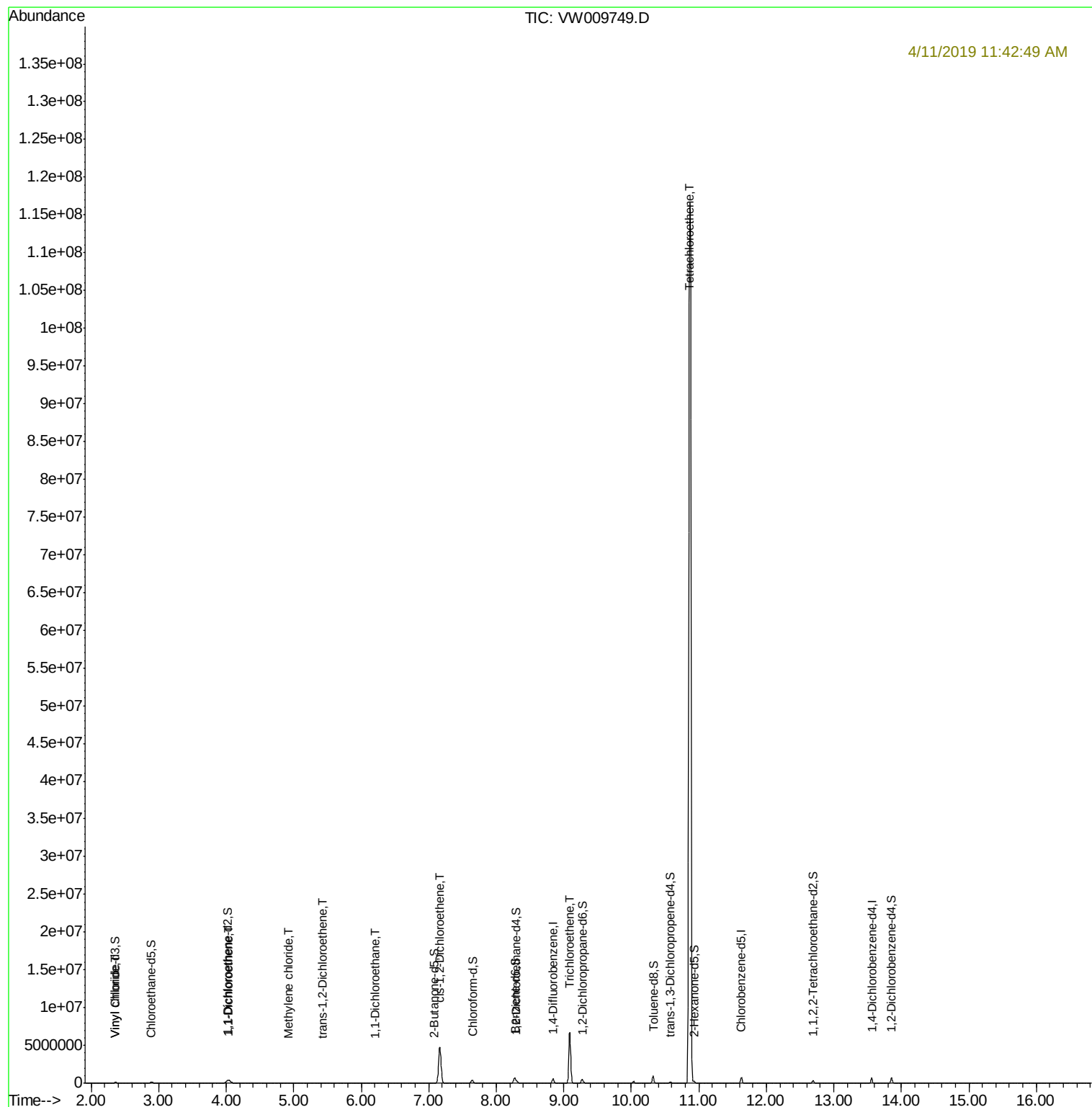
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009749.D
Acq On : 06 Apr 2019 01:36
Operator : SY/VA
Sample : K2277-07
Misc : 5.47G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

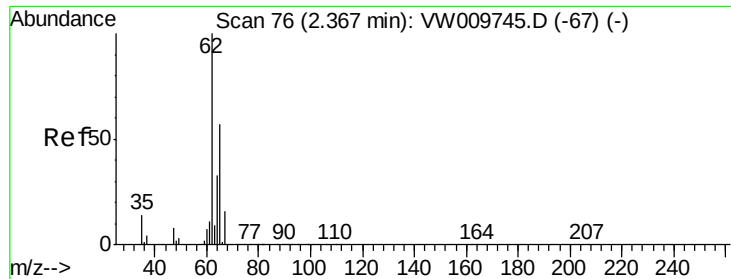
Instrument :
MSVOA_W
ClientSampleId :
BF169

Manual Integrations
APPROVED

MMDadoda

Quant Time: Apr 08 06:43:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.532 ug/L m

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW009749.D

Acq: 06 Apr 2019 01:36

Instrument :

MSVOA_W

ClientSampleId :

BF169

Tot Ion: 62 Resp: 4066

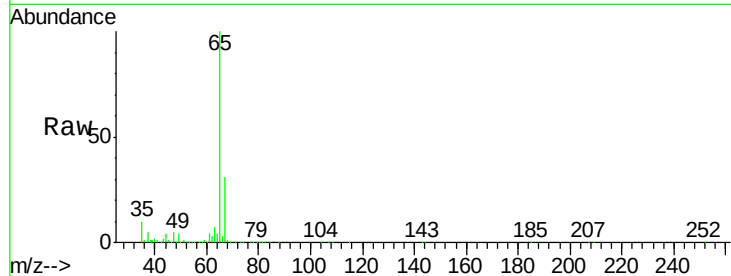
Ion Ratio Lower Upper

62 100

64 123.8 21.8 40.6#

Manual Integrations
APPROVED

MMDadoda



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW

2000

1500

1000

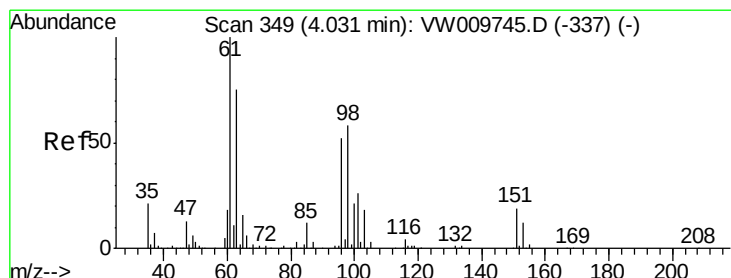
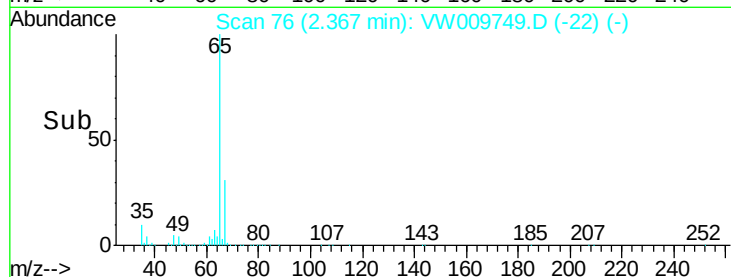
500

0

2.30 2.40 2.50

Time-->

4/11/2019 11:42:49 AM



#12

1,1-Dichloroethene

Concen: 31.366 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW009749.D

Acq: 06 Apr 2019 01:36

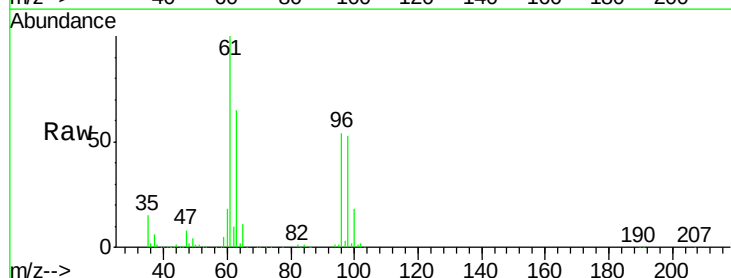
Tgt Ion: 96 Resp: 182183

Ion Ratio Lower Upper

96 100

61 185.4 138.8 257.8

63 121.0 114.6 212.8



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

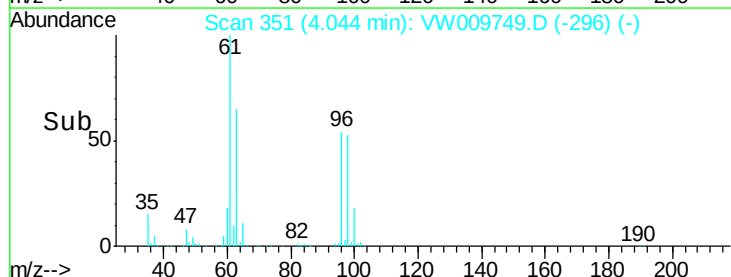
100000

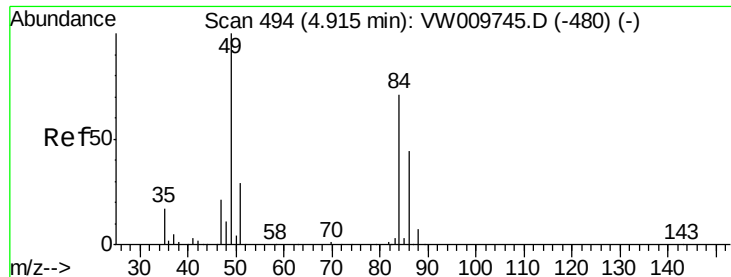
50000

0

3.90 4.00 4.10 4.20

Time-->





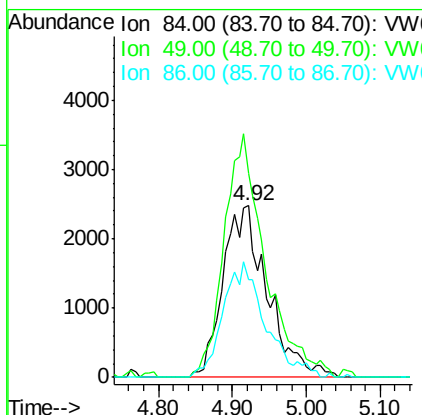
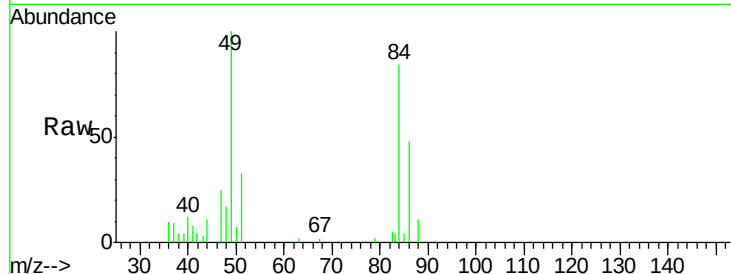
#16
Methylene chloride
Concen: 1.345 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009749.D
Acq: 06 Apr 2019 01:36

Instrument :
MSVOA_W
ClientSampleId :
BF169

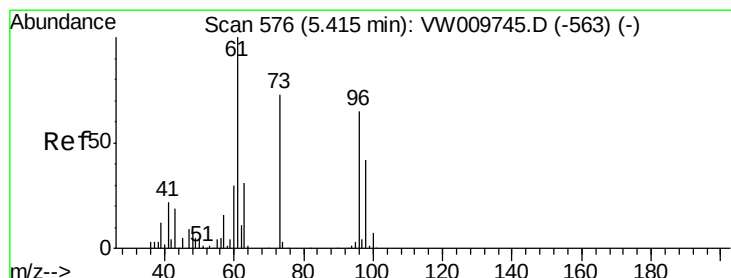
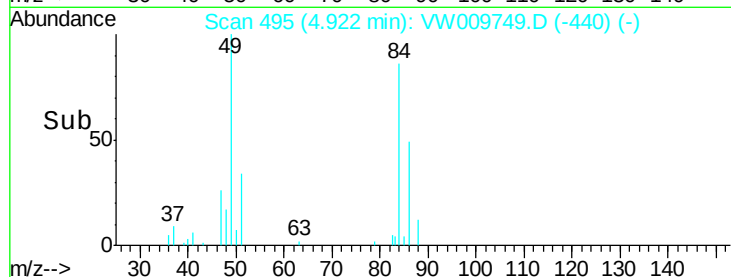
Tot Ion	Ratio	Lower	Upper
84	100		
49	118.7	98.3	182.5
86	56.7	46.4	86.2

Manual Integrations
APPROVED

MMDadoda

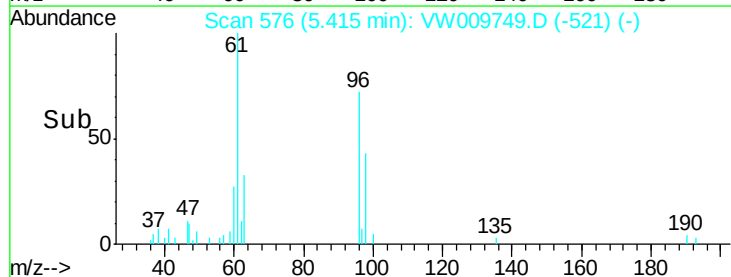
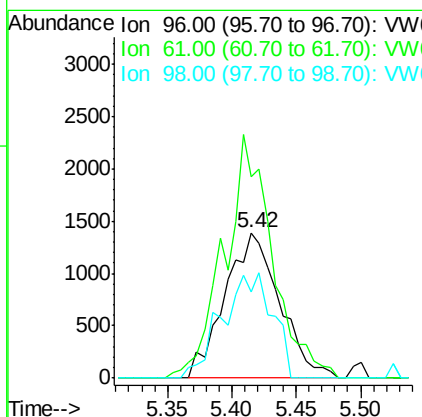
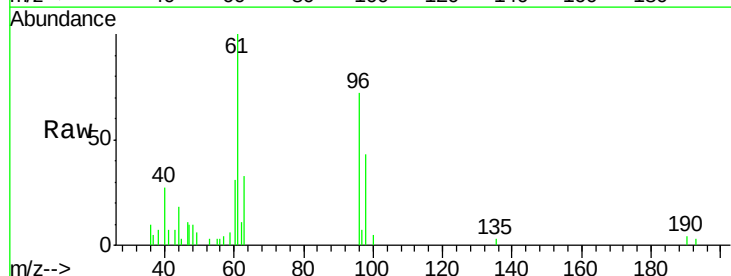


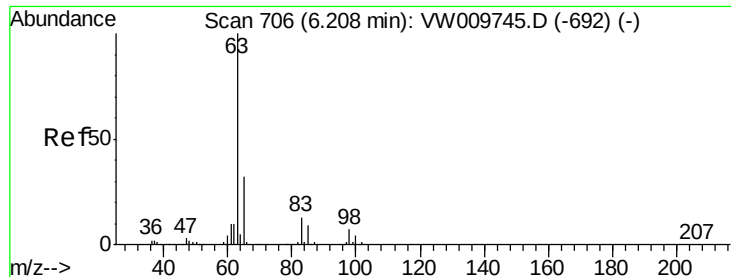
4/11/2019 11:42:49 AM



#18
trans-1,2-Dichloroethene
Concen: 0.681 ug/L
RT: 5.42 min Scan# 576
Delta R.T. 0.01 min
Lab File: VW009749.D
Acq: 06 Apr 2019 01:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.4	103.7	192.5
98	54.2	43.7	81.1





#19

1,1-Dichloroethane

Concen: 3.473 ug/L

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW009749.D

Acq: 06 Apr 2019 01:36

Instrument :

MSVOA_W

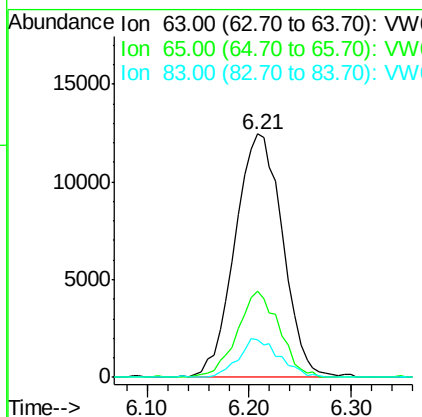
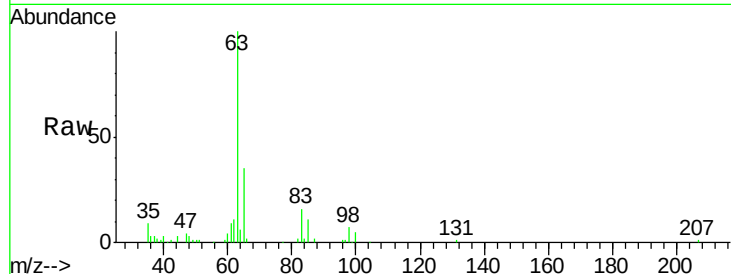
ClientSampleId :

BF169

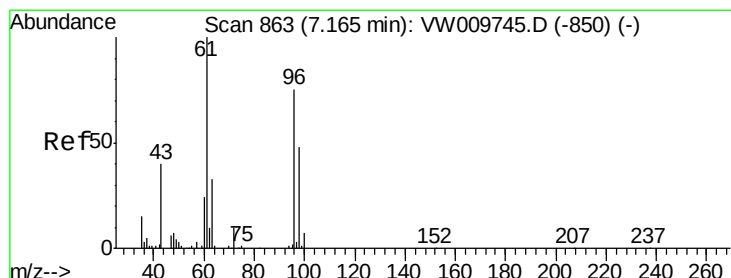
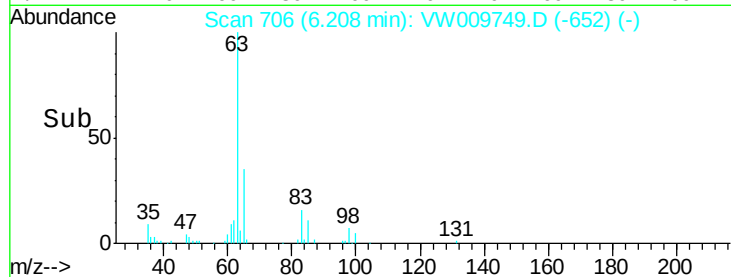
Tot Ion:	63	Resp:	40266
Ion	Ratio	Lower	Upper
63	100		
65	35.4	22.6	42.0
83	15.6	9.8	18.2

Manual Integrations
APPROVED

MMDadoda



4/11/2019 11:42:49 AM



#22

cis-1,2-Dichloroethene

Concen: 394.870 ug/L

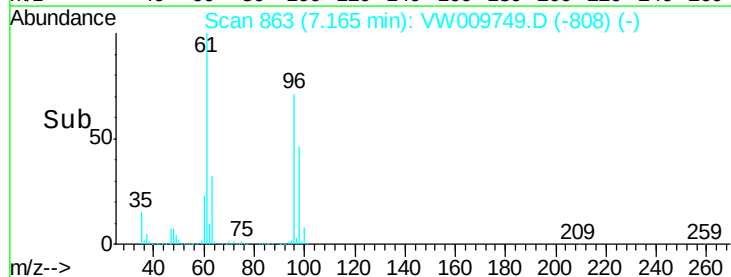
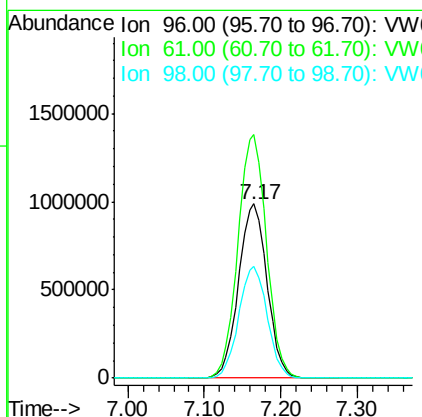
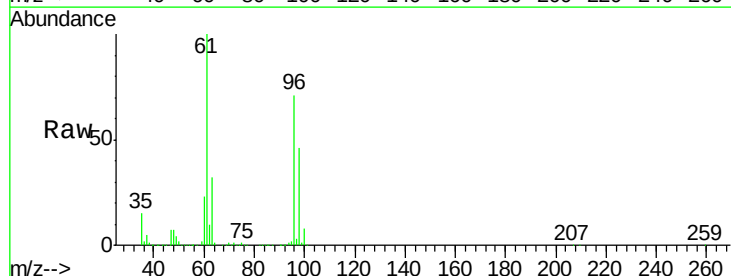
RT: 7.17 min Scan# 863

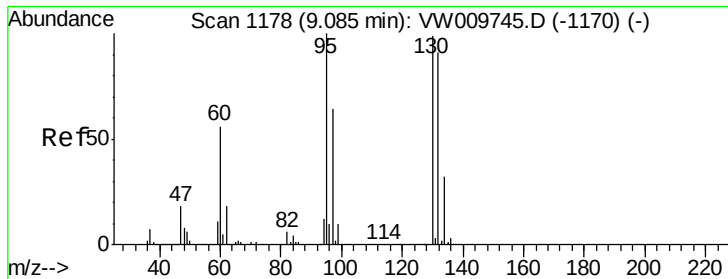
Delta R.T. 0.01 min

Lab File: VW009749.D

Acq: 06 Apr 2019 01:36

Tgt Ion:	96	Resp:	2551095
Ion	Ratio	Lower	Upper
96	100		
61	140.0	96.8	179.8
98	64.2	43.5	80.9





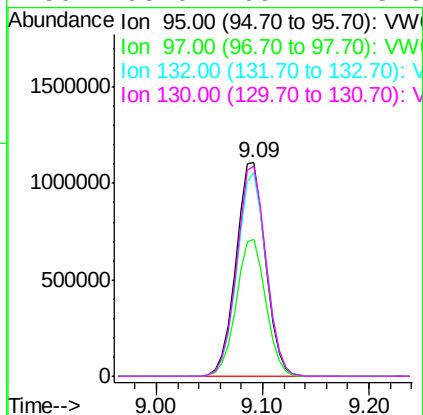
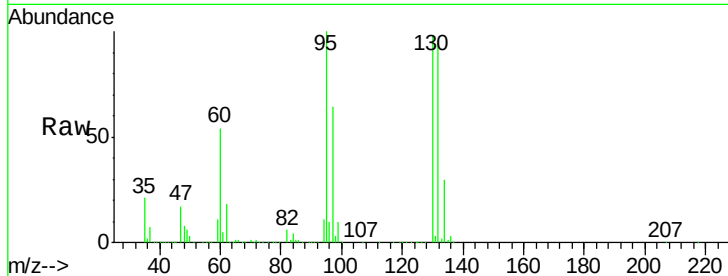
#35
 Trichloroethene
 Concen: 338.709 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009749.D
 Acq: 06 Apr 2019 01:36

Instrument :
 MSVOA_W
 ClientSampleId :
 BF169

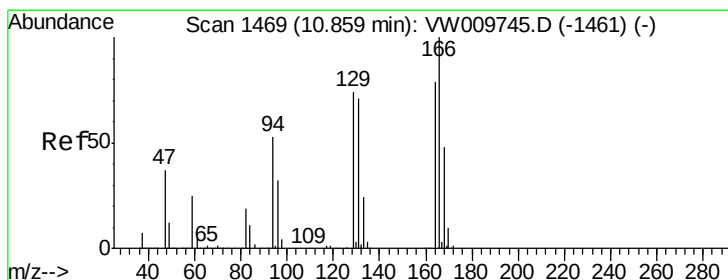
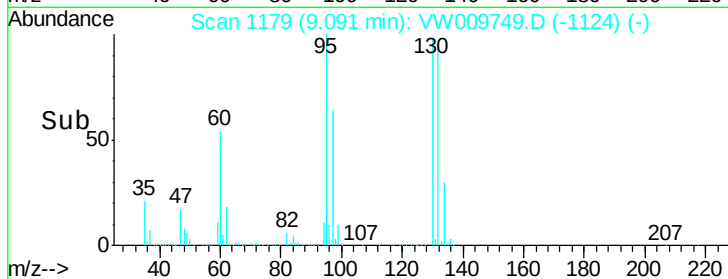
Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		2148415		
97	64.4	44.9		83.5	
132	94.5	67.1		124.7	
130	98.0	69.2		128.6	

Manual Integrations
 APPROVED

MMDadoda



4/11/2019 11:42:49 AM



#47
 Tetrachloroethene
 Concen: 4545.257 ug/L m
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009749.D
 Acq: 06 Apr 2019 01:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		22706595		
129	100.0	68.9		127.9	
131	100.0	63.1		117.1	
166	100.0	88.5		164.4	

