

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017163.D
 Acq On : 11 Nov 2020 15:01
 Operator : SY/VA
 Sample : L4693-10
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4E0

Manual Integrations
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 11/13/2020 11:41:04 AM

Quant Time: Nov 12 05:24:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	445771	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352745	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125087	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125447	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.36%
7) Chloroethane-d5	2.90	69	106119	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
10) 1,1-Dichloroethene-d2	4.03	63	176228	17.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.20%
20) 2-Butanone-d5	7.09	46	41915	33.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.76%
24) Chloroform-d	7.65	84	247364	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	8.31	65	119047	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.04%
29) Benzene-d6	8.28	84	493943	27.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.00%
33) 1,2-Dichloropropane-d6	9.28	67	133776	26.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.68%
37) Toluene-d8	10.33	98	458303	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.24%
38) trans-1,3-Dichloropropene-	10.59	79	50927	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	10.93	63	30486	35.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85623	19.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	110736	25.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.52%

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	1691	0.284 ug/L #	1
12) 1,1-Dichloroethene	4.05	96	15013	2.714 ug/L #	1
13) Acetone	4.14	43	13491	16.047 ug/L	85
14) Carbon disulfide	4.40	76	5685	0.378 ug/L #	87
16) Methylene chloride	4.92	84	9193	1.530 ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	16722	2.762 ug/L	98
34) Benzene	8.33	78	299786	16.185 ug/L	100
35) Trichloroethene	9.10	95	1844468	355.484 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	4081	1.528 ug/L #	73
44) Toluene	10.39	91	10351	0.508 ug/L	98
47) Tetrachloroethene	10.90	164	20985319m	4482.764 ug/L	

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

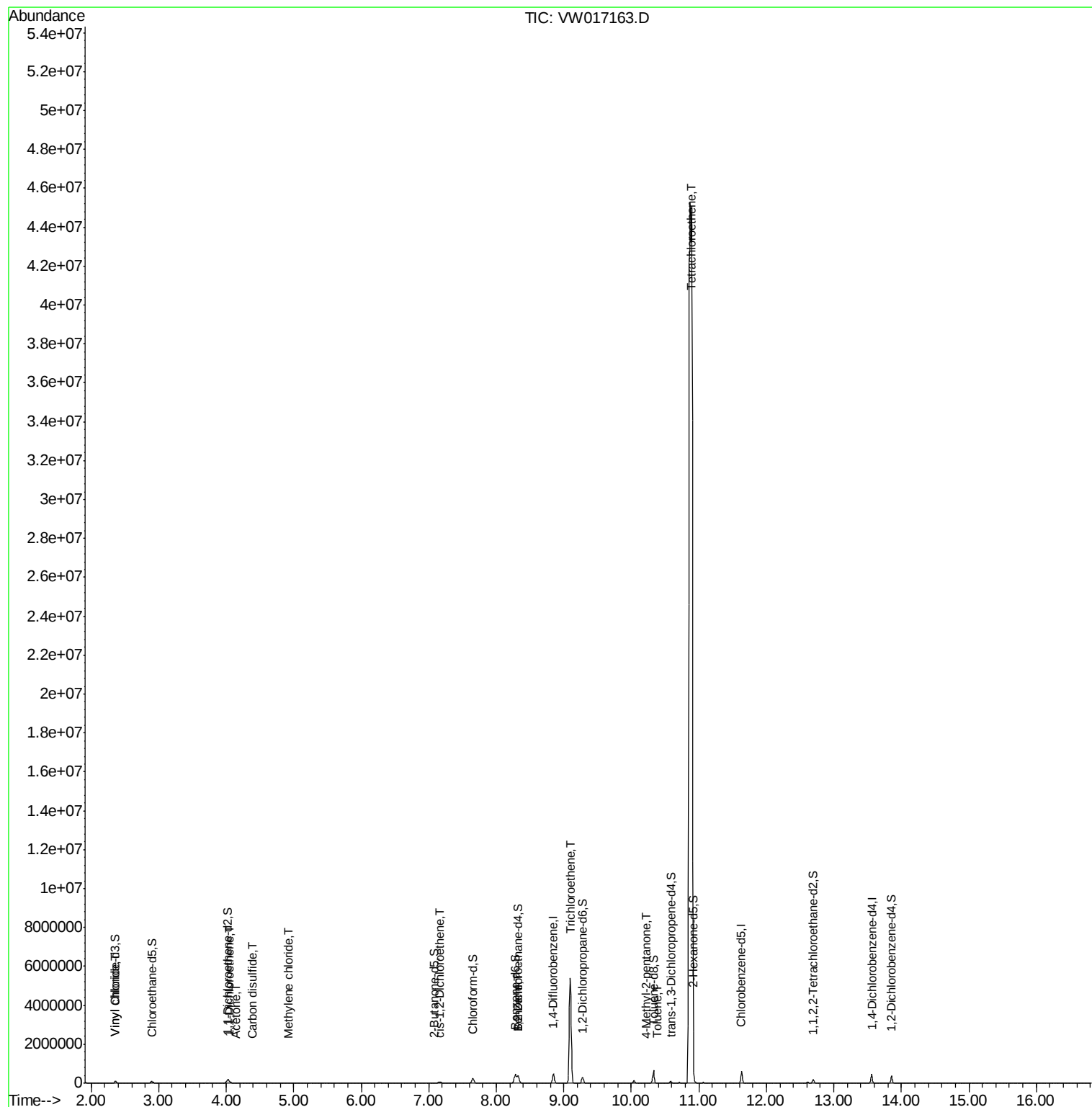
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
Data File : VW017163.D
Acq On : 11 Nov 2020 15:01
Operator : SY/VA
Sample : L4693-10
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ALS Vial : 13 Sample Multiplier: 1

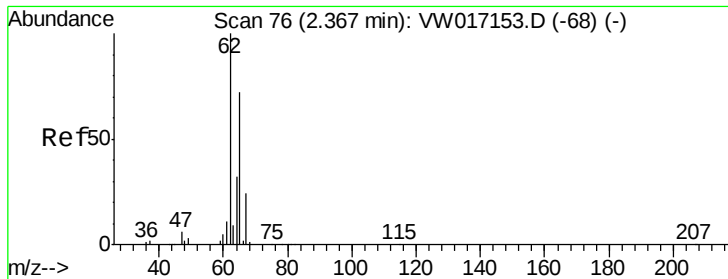
Instrument :
MSVOA_W
ClientSampleId :
BG4E0

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Quant Time: Nov 12 05:24:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.284 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW017163.D

Acq: 11 Nov 2020 15:01

Instrument :

MSVOA_W

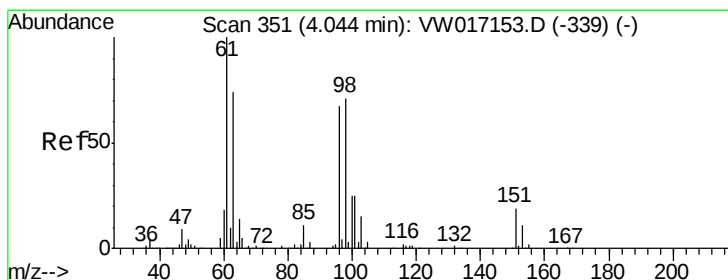
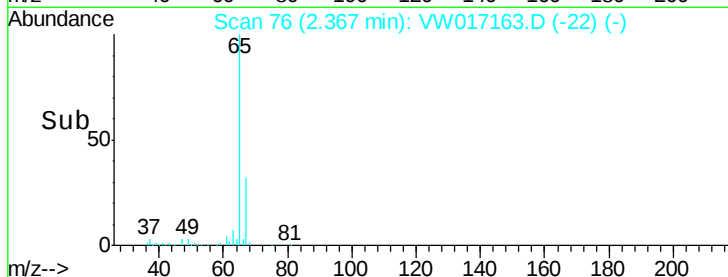
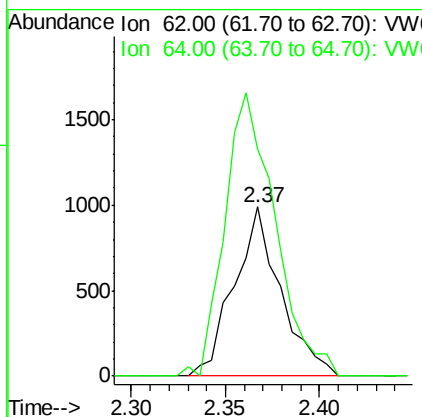
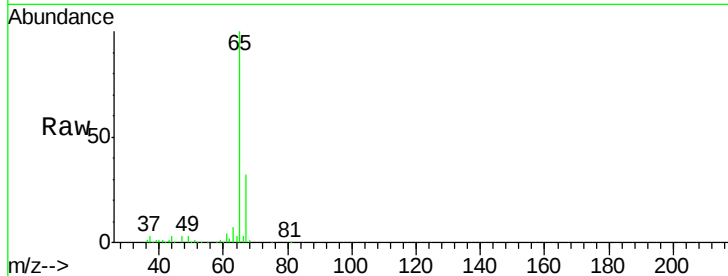
ClientSampled :

BG4E0

Tot Ion	Ratio	Lower	Upper
62	100		
64	134.3	23.3	43.3#

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#12

1,1-Dichloroethene

Concen: 2.714 ug/L

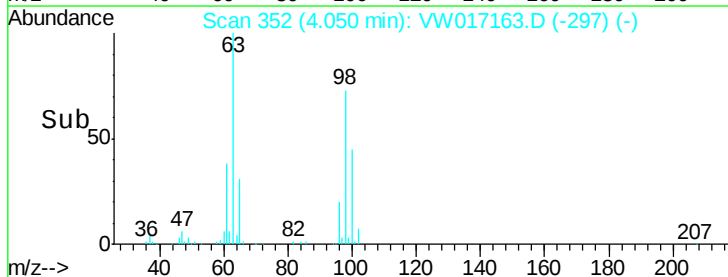
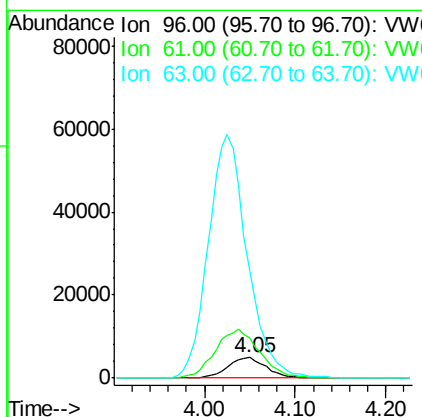
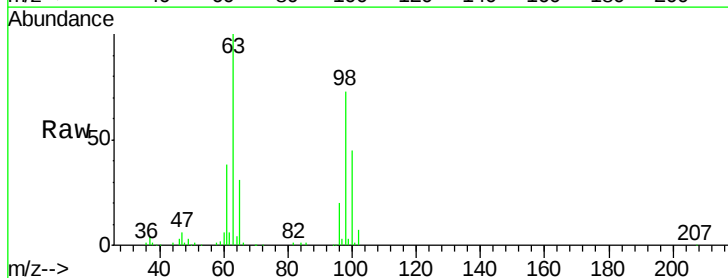
RT: 4.05 min Scan# 352

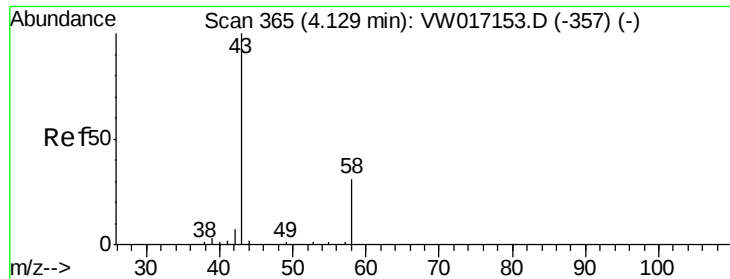
Delta R.T. 0.01 min

Lab File: VW017163.D

Acq: 11 Nov 2020 15:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	194.0	103.8	192.8#
63	510.7	84.4	156.7#





#13

Acetone

Concen: 16.047 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017163.D

Acq: 11 Nov 2020 15:01

Instrument :

MSVOA_W

ClientSampleId :

BG4E0

Tot Ion: 43 Resp: 13491

Ion Ratio Lower Upper

43 100

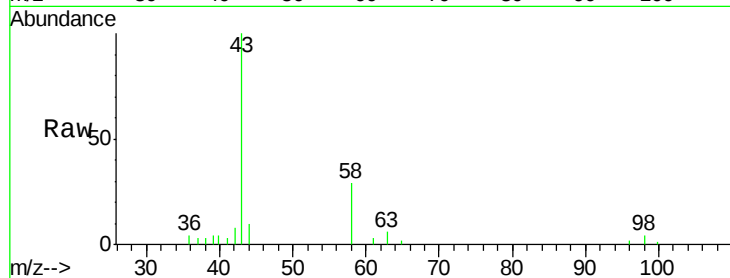
58 26.1 0.0 69.2

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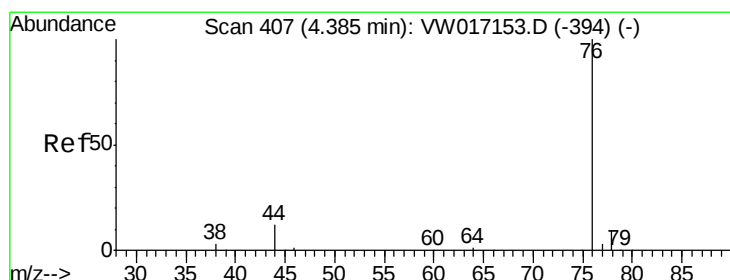
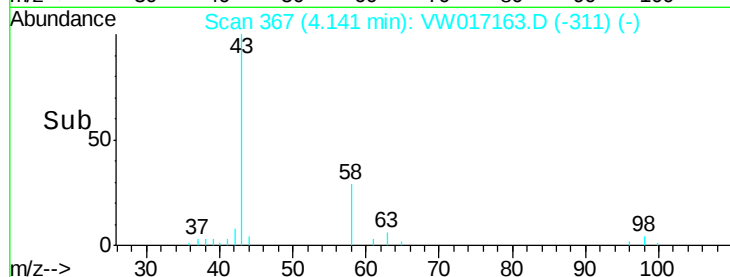
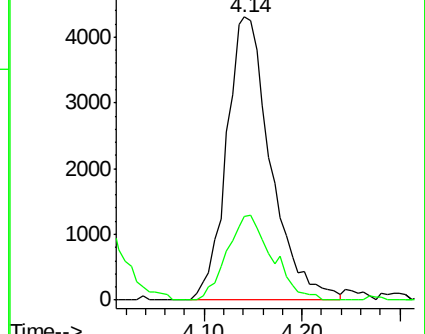
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.378 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017163.D

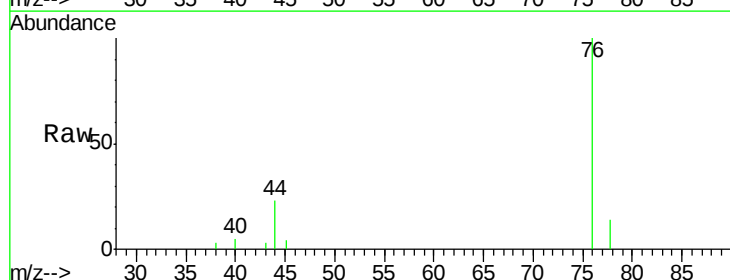
Acq: 11 Nov 2020 15:01

Tgt Ion: 76 Resp: 5685

Ion Ratio Lower Upper

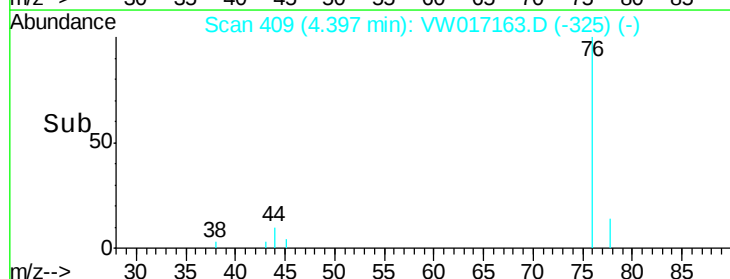
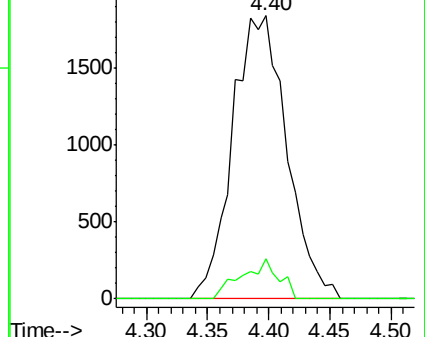
76 100

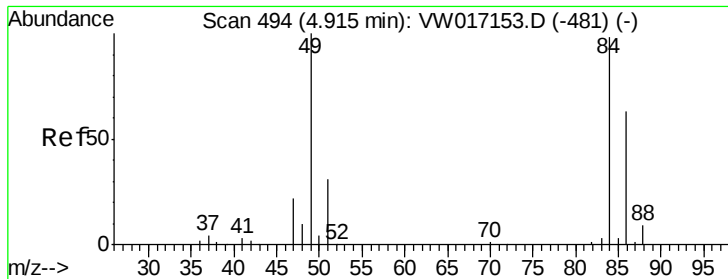
78 14.4 7.6 11.4#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





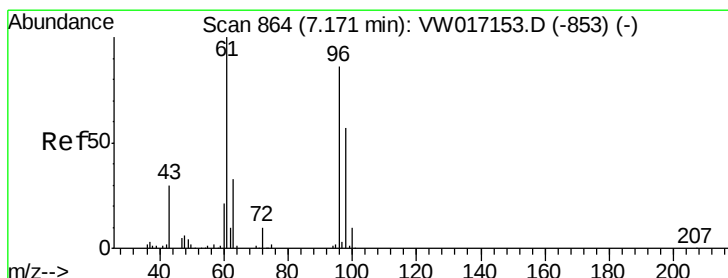
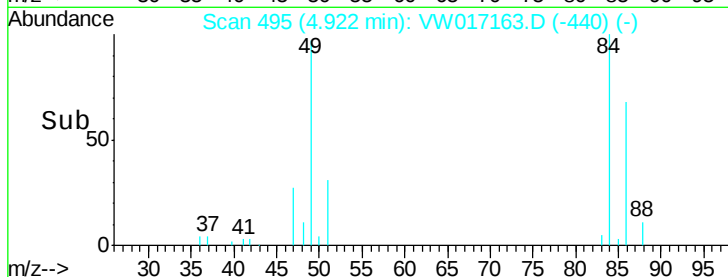
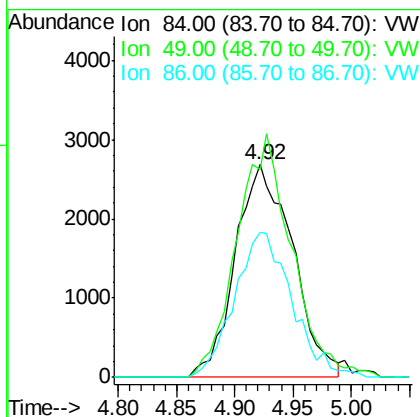
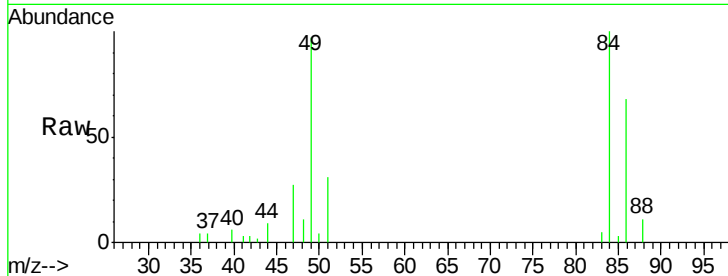
#16
Methylene chloride
Concen: 1.530 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017163.D
Acq: 11 Nov 2020 15:01

Instrument :
MSVOA_W
ClientSampled :
BG4E0

Tot Ion	84	Resp	9193
Ion	Ratio	Lower	Upper
84	100		
49	97.4	72.3	134.3
86	68.4	45.1	83.7

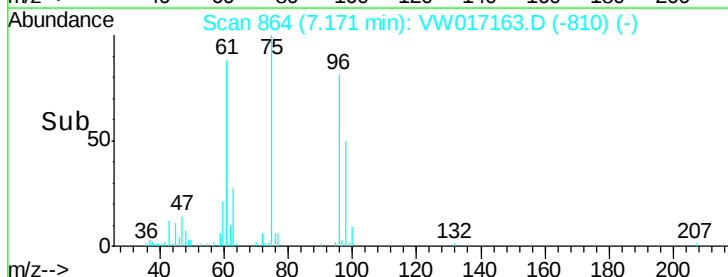
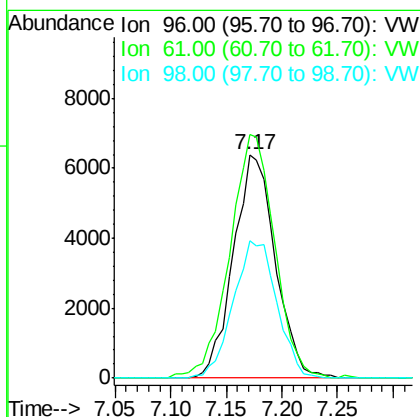
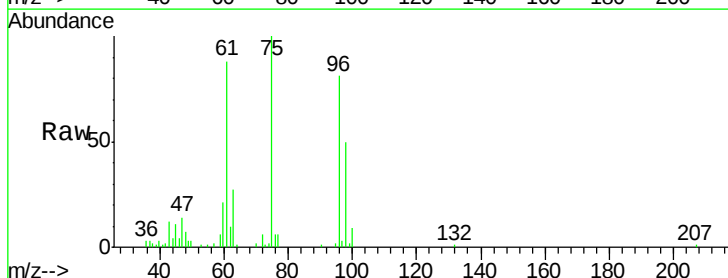
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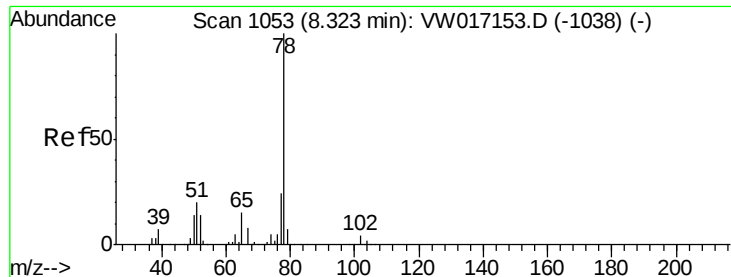
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#22
cis-1,2-Dichloroethene
Concen: 2.762 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW017163.D
Acq: 11 Nov 2020 15:01

Tgt Ion	96	Resp	16722
Ion	Ratio	Lower	Upper
96	100		
61	108.8	77.4	143.8
98	61.5	45.1	83.7





#34

Benzene

Concen: 16.185 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW017163.D

Acq: 11 Nov 2020 15:01

Instrument :

MSVOA_W

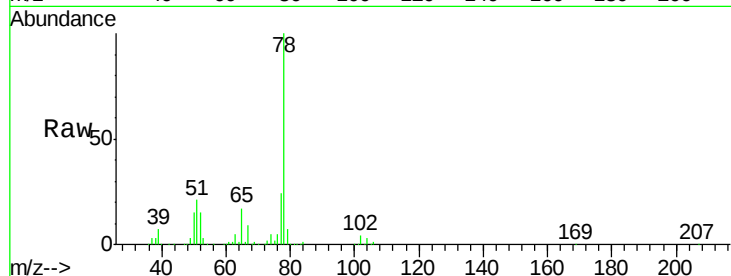
ClientSampleId :

BG4E0

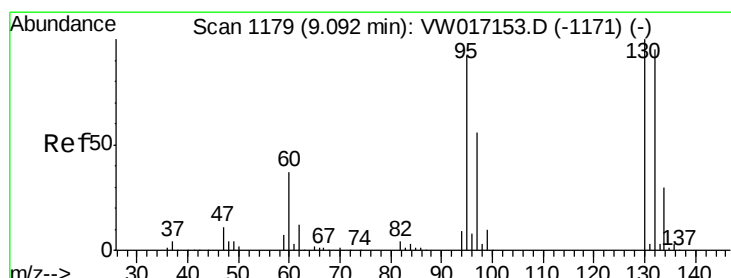
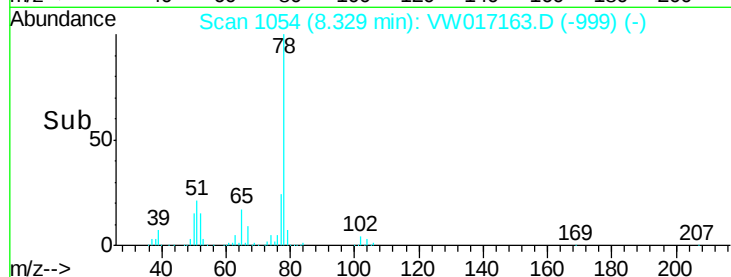
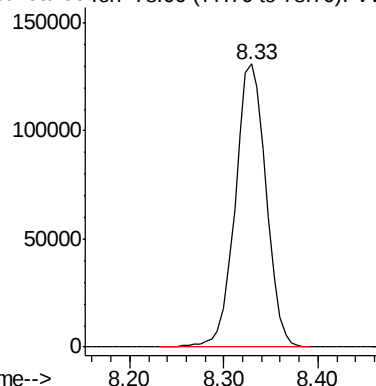
Tgt Ion: 78 Resp: 299786

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Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 355.484 ug/L

RT: 9.10 min Scan# 1180

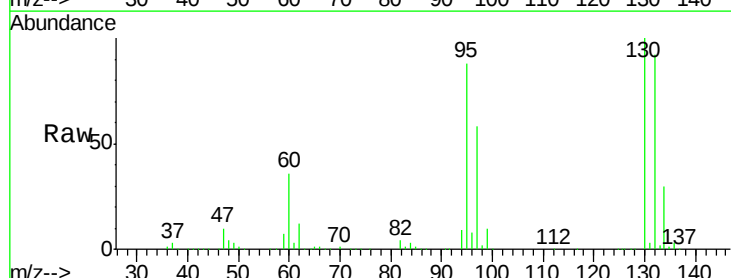
Delta R.T. 0.01 min

Lab File: VW017163.D

Acq: 11 Nov 2020 15:01

Tgt Ion: 95 Resp: 1844468

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.0	83.6
132	105.7	73.7	136.9
130	110.2	77.1	143.1

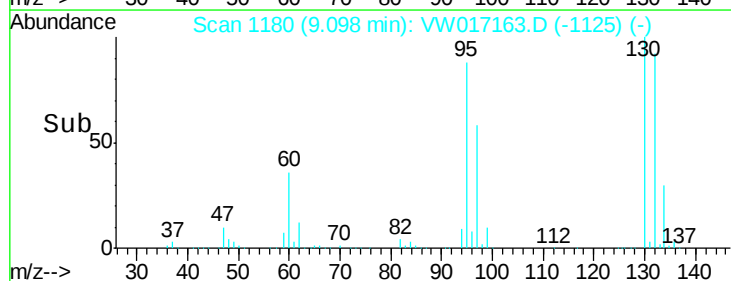
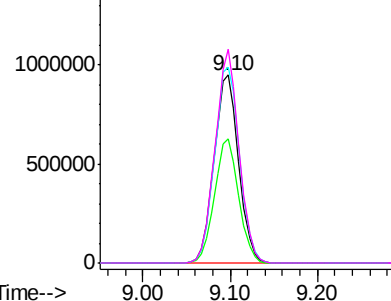


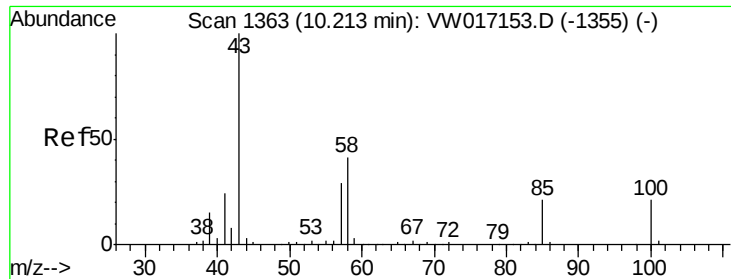
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





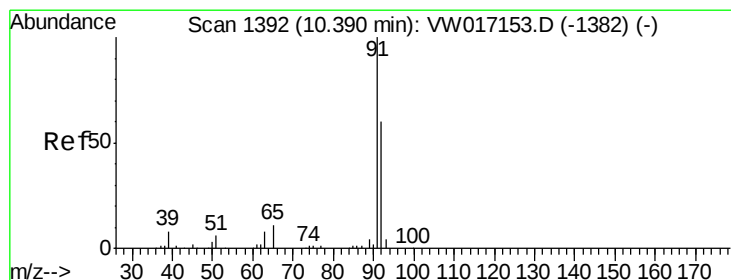
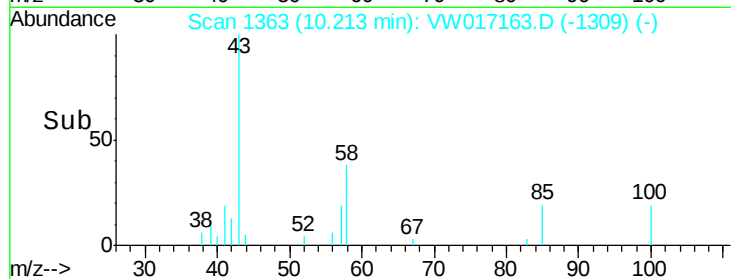
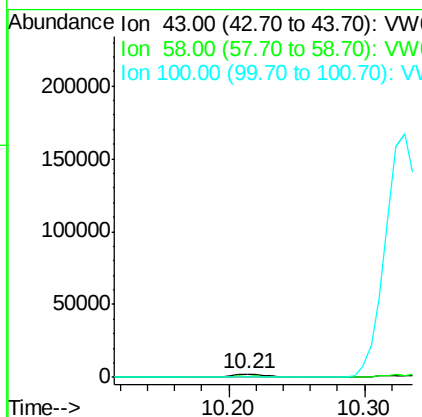
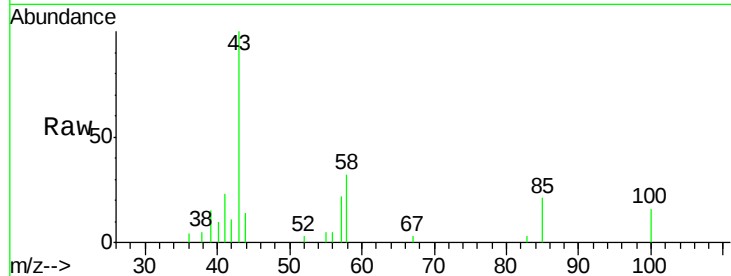
#43
4-Methyl-2-pentanone
Concen: 1.528 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017163.D
Acq: 11 Nov 2020 15:01

Instrument :
MSVOA_W
ClientSampled :
BG4E0

Tot Ion	Ratio	Lower	Upper
43	100		
58	19.4	35.0	52.6#
100	19.1	16.6	24.8

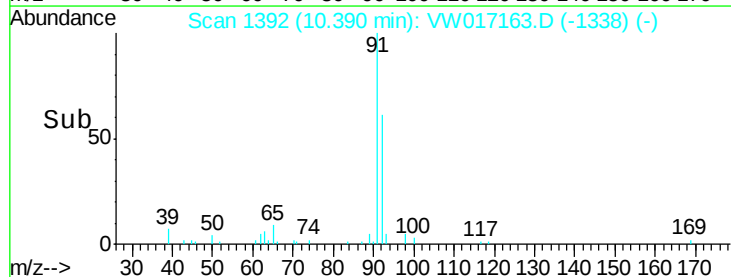
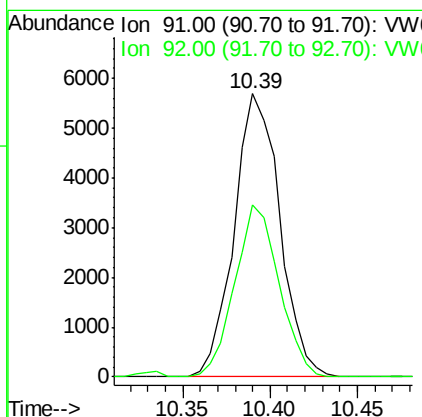
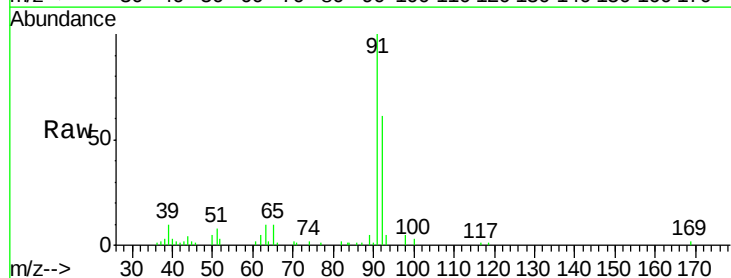
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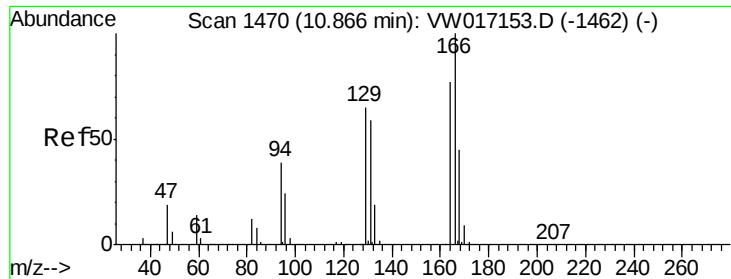
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#44
Toluene
Concen: 0.508 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW017163.D
Acq: 11 Nov 2020 15:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.6	41.4	76.8





#47
Tetrachloroethene
Concen: 4482.764 ug/L m
RT: 10.90 min Scan# 1475
Delta R.T. 0.03 min
Lab File: VW017163.D
Acq: 11 Nov 2020 15:01

Instrument :
MSVOA_W
ClientSampleId :
BG4E0

Tot Ion	Ratio	Lower	Upper
164	100		
129	88.4	62.9	116.7
131	87.7	63.3	117.5
166	121.8	92.0	170.8

Manual Integrations
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11/13/2020 11:41:04 AM

