

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017006.D
 Acq On : 28 Oct 2020 12:12
 Operator : SY/VA
 Sample : L4502-18
 Misc : 6.20G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG441

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:33:22 PM

Quant Time: Oct 29 08:16:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	124276	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	101866	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	30174	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	38777	27.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.16%
7) Chloroethane-d5	2.90	69	31835	28.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.60%
10) 1,1-Dichloroethene-d2	4.02	63	57216	20.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.04%
20) 2-Butanone-d5	7.09	46	11365	42.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.12%
24) Chloroform-d	7.65	84	76889	26.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.28%
26) 1,2-Dichloroethane-d4	8.31	65	34934	25.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.56%
29) Benzene-d6	8.27	84	155551	29.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.92%
33) 1,2-Dichloropropane-d6	9.28	67	43866	31.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.24%#
37) Toluene-d8	10.33	98	139500	28.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.28%
38) trans-1,3-Dichloropropene-	10.58	79	14659	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.80%
39) 2-Hexanone-d5	10.93	63	9270	46.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	24560	22.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	29474	27.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	3668	2.255	ug/L #	1
13) Acetone	4.13	43	2447	13.459	ug/L	76
14) Carbon disulfide	4.39	76	5477	1.111	ug/L	98
16) Methylene chloride	4.92	84	3963	2.412	ug/L	86
22) cis-1,2-Dichloroethene	7.17	96	2994	1.741	ug/L	76
34) Benzene	8.32	78	20428	3.630	ug/L	100
35) Trichloroethene	9.09	95	468664	300.708	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	874	1.467	ug/L #	63
47) Tetrachloroethene	10.86	164	16135874m	11255.107	ug/L	
54) m,p-Xylene	11.84	106	1042	0.387	ug/L	74
64) 1,4-Dichlorobenzene	13.58	146	1634	0.842	ug/L	82
65) 1,2-Dichlorobenzene	13.87	146	1813	1.056	ug/L #	76

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

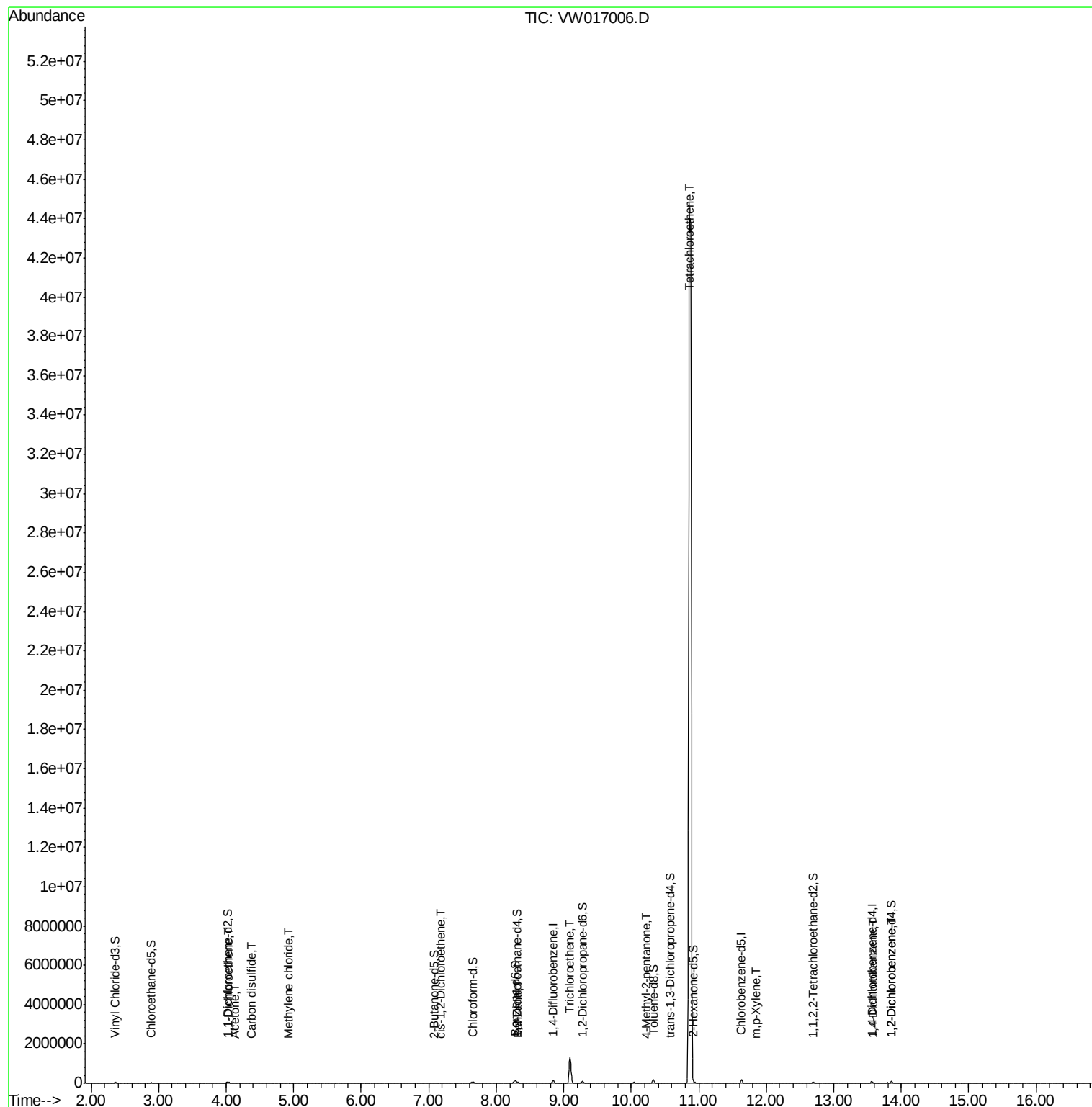
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102820\
Data File : VW017006.D
Acq On : 28 Oct 2020 12:12
Operator : SY/VA
Sample : L4502-18
Misc : 6.20G/10ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

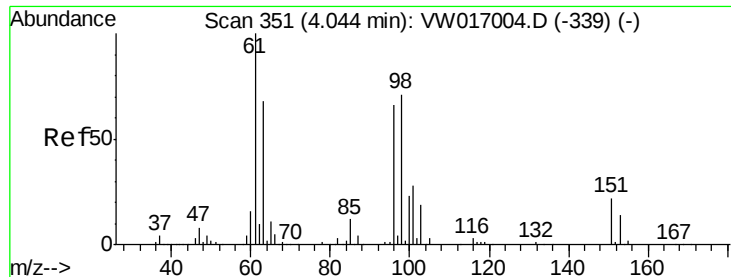
Instrument :
MSVOA_W
ClientSampleId :
BG441

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Quant Time: Oct 29 08:16:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 29 08:01:00 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.255 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW017006.D

Acq: 28 Oct 2020 12:12

Instrument :

MSVOA_W

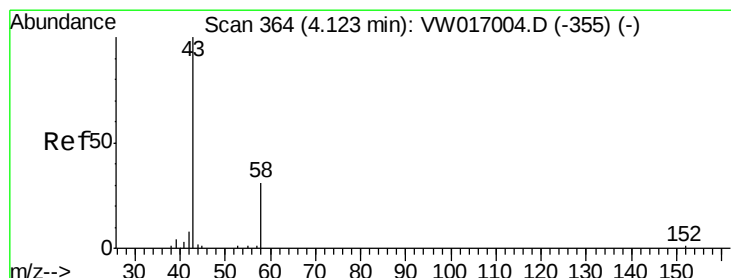
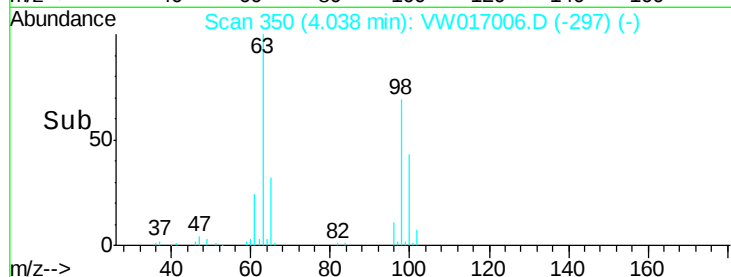
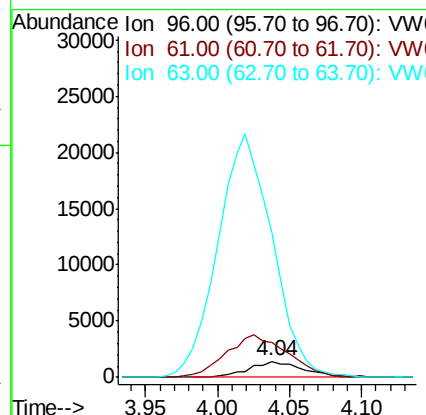
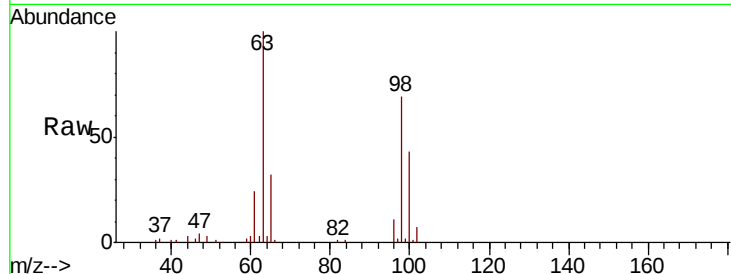
ClientSampled :

BG441

Tot Ion:	96	Resp:	3668
Ion	Ratio	Lower	Upper
96	100		
61	220.6	101.4	188.4#
63	911.1	78.5	145.9#

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#13

Acetone

Concen: 13.459 ug/L

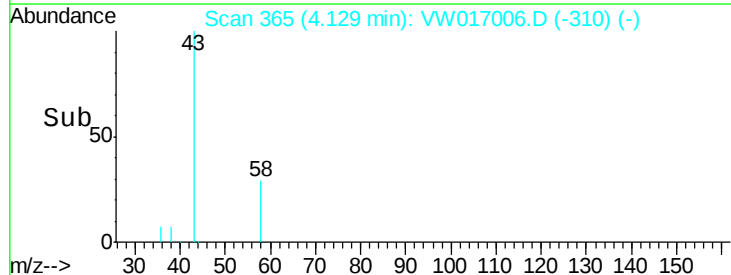
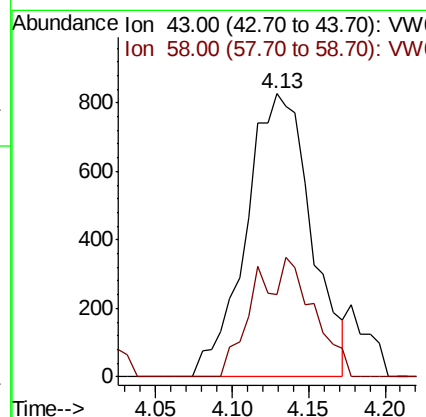
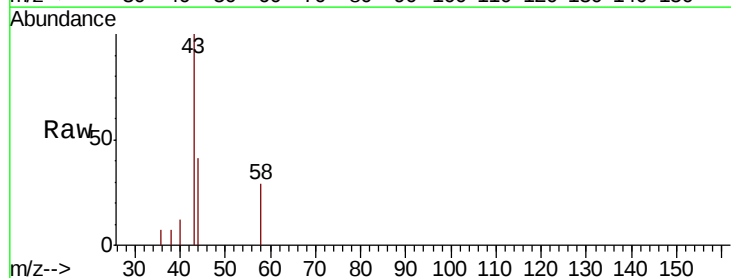
RT: 4.13 min Scan# 365

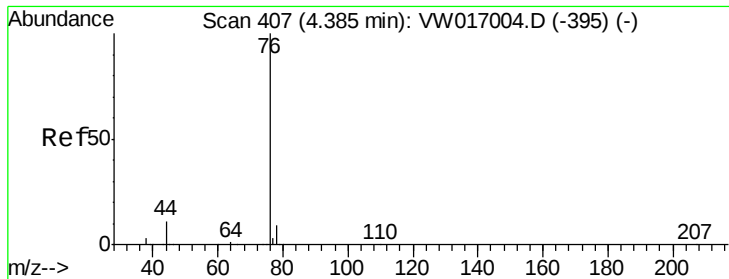
Delta R.T. 0.01 min

Lab File: VW017006.D

Acq: 28 Oct 2020 12:12

Tgt Ion:	43	Resp:	2447
Ion	Ratio	Lower	Upper
43	100		
58	20.9	0.0	69.8





#14

Carbon disulfide

Concen: 1.111 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW017006.D

Acq: 28 Oct 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

BG441

Tot Ion: 76 Resp: 5477

Ion Ratio Lower Upper

76 100

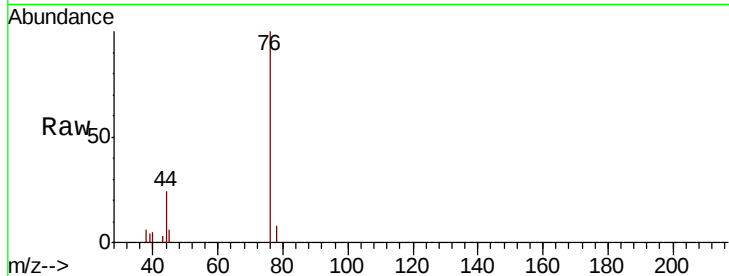
78 8.3 7.3 10.9

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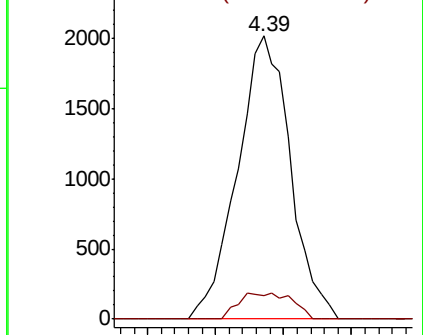
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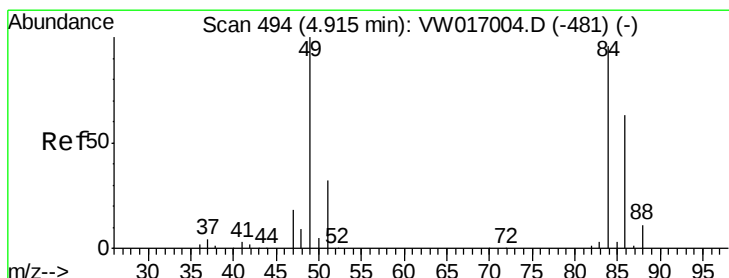
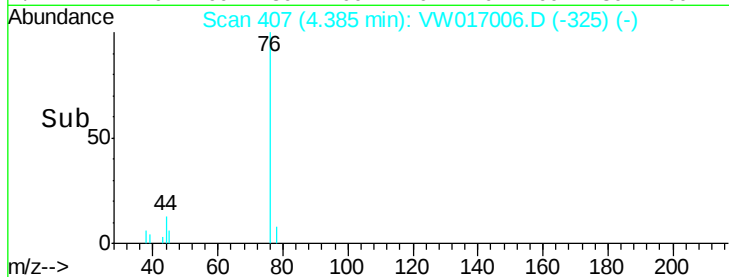


Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



Time-->



#16

Methylene chloride

Concen: 2.412 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017006.D

Acq: 28 Oct 2020 12:12

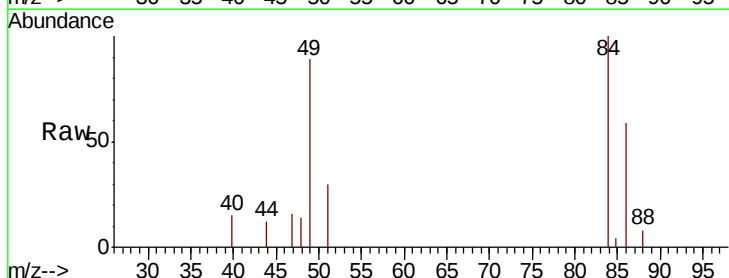
Tgt Ion: 84 Resp: 3963

Ion Ratio Lower Upper

84 100

49 88.7 73.8 137.0

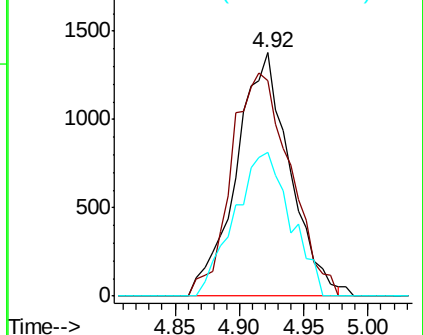
86 59.0 47.4 88.0



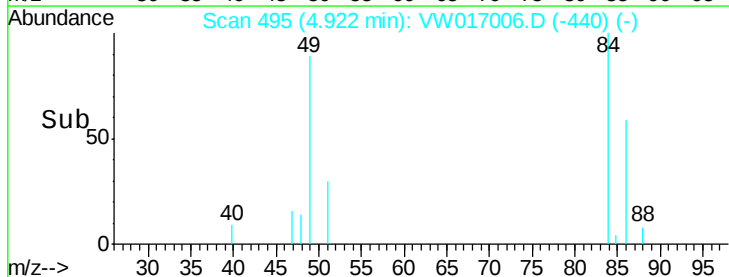
Abundance Ion 84.00 (83.70 to 84.70): VW

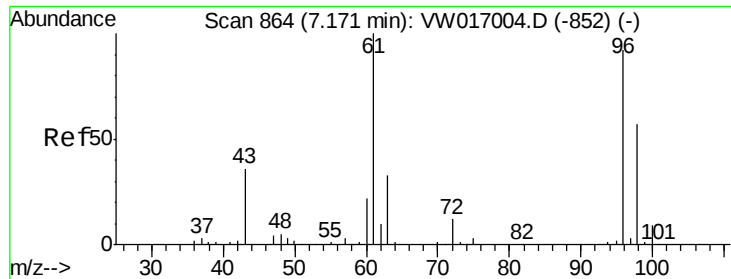
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->





#22

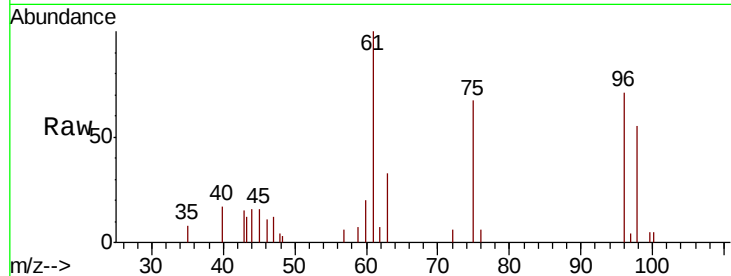
cis-1,2-Dichloroethene
Concen: 1.741 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017006.D
Acq: 28 Oct 2020 12:12

Instrument :
MSVOA_W
ClientSampled :
BG441

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	77.4	143.8
98	76.5	44.4	82.5

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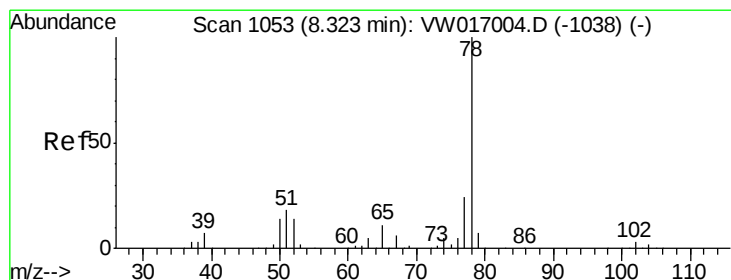
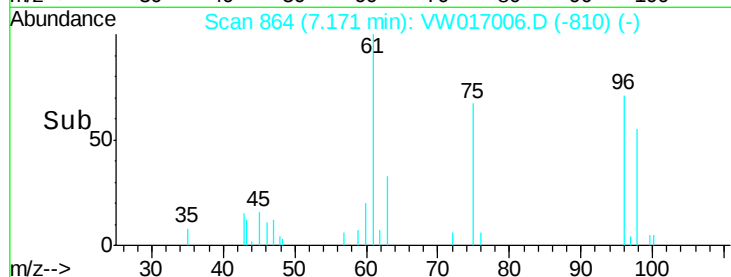
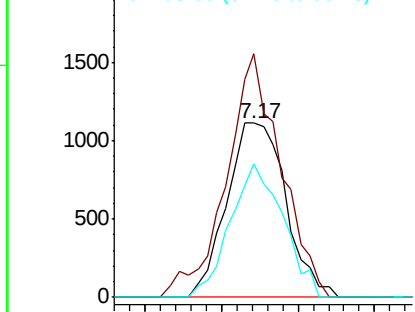


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

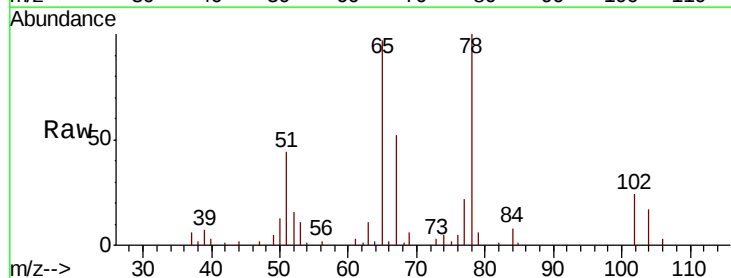
Ion 98.00 (97.70 to 98.70): VW



#34

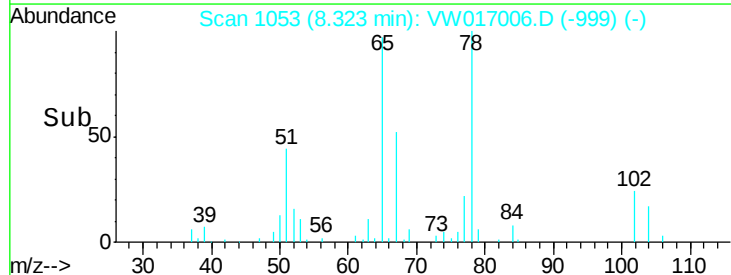
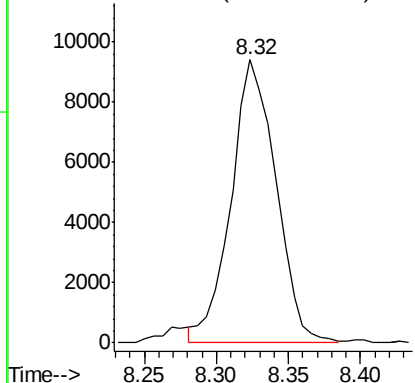
Benzene
Concen: 3.630 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW017006.D
Acq: 28 Oct 2020 12:12

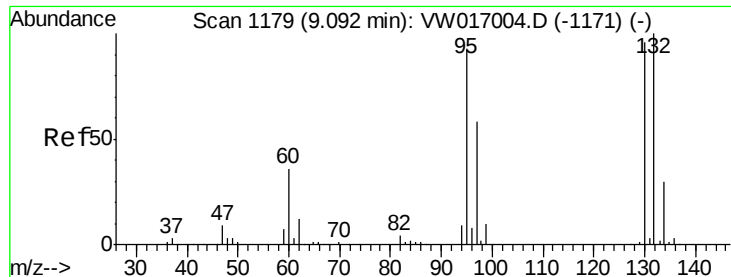
Tgt Ion: 78 Resp: 20428



Abundance

Ion 78.00 (77.70 to 78.70): VW





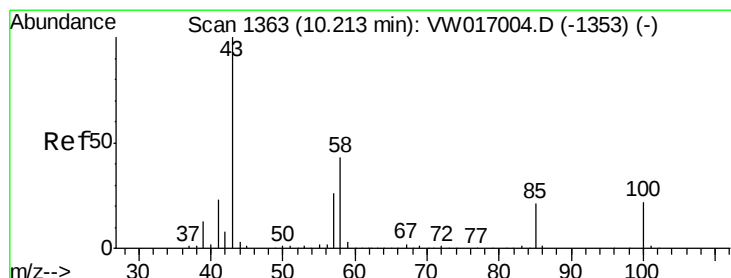
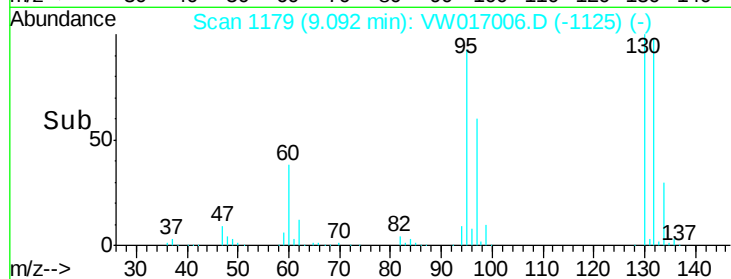
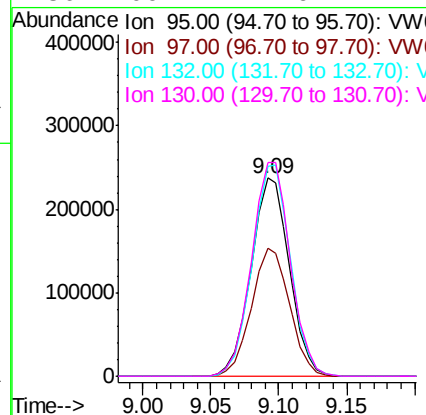
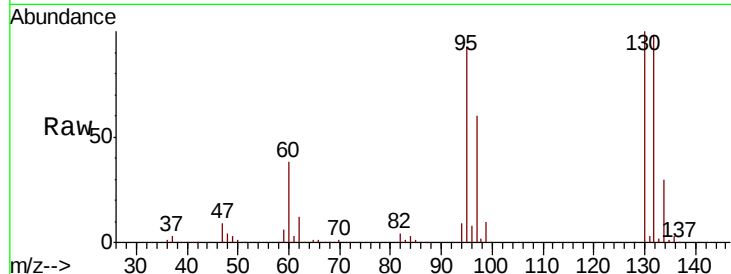
#35
 Trichloroethene
 Concen: 300.708 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW017006.D
 Acq: 28 Oct 2020 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 BG441

Tot Ion	95	Resp	468664
Ion Ratio	Lower	Upper	
95	100		
97	64.2	46.0	85.4
132	106.2	73.9	137.3
130	109.4	77.6	144.2

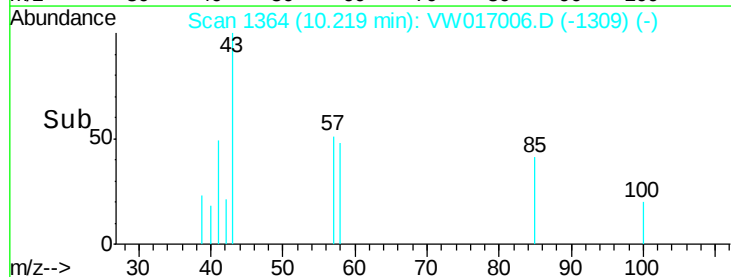
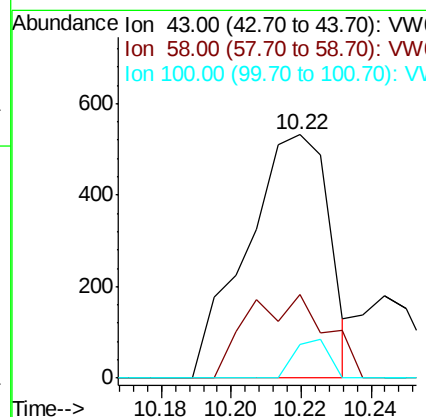
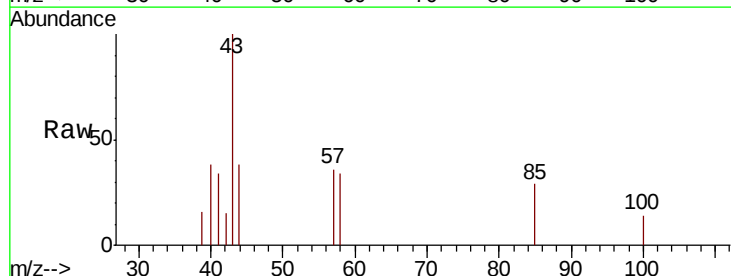
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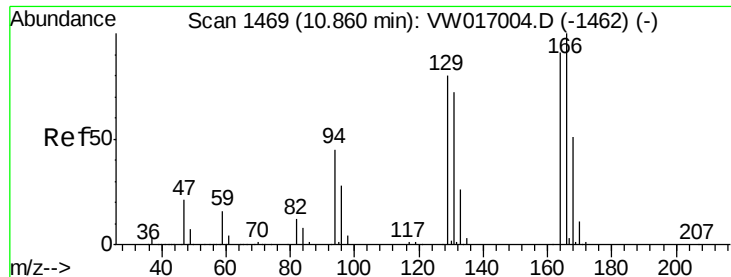
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#43
 4-Methyl-2-pentanone
 Concen: 1.467 ug/L
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW017006.D
 Acq: 28 Oct 2020 12:12

Tgt Ion	43	Resp	874
Ion Ratio	Lower	Upper	
43	100		
58	16.7	34.4	51.6#
100	6.8	16.2	24.2#





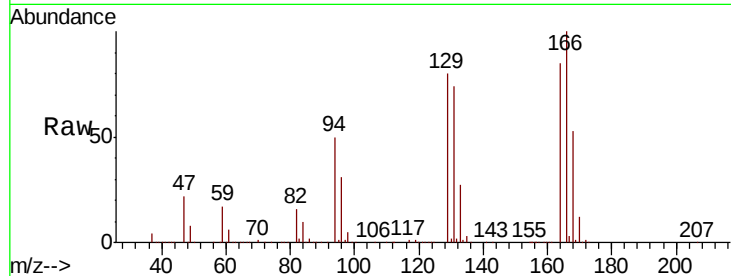
#47
Tetrachloroethene
Concen: 11255.107 ug/L m
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW017006.D
Acq: 28 Oct 2020 12:12

Instrument :
MSVOA_W
ClientSampleId :
BG441

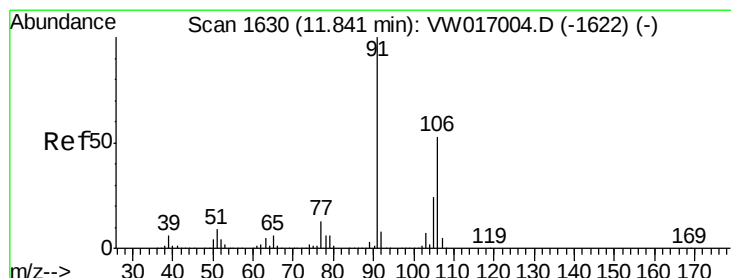
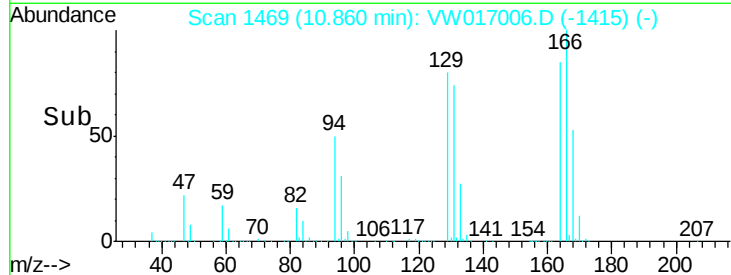
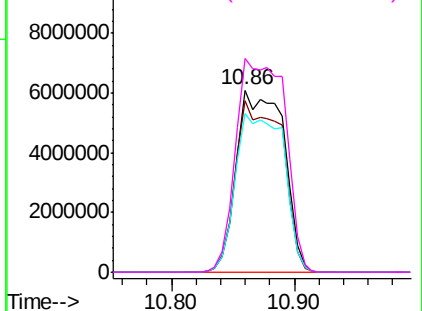
Tot Ion:164 Resp:16135874
Ion Ratio Lower Upper
164 100
129 94.0 64.0 119.0
131 87.4 61.7 114.5
166 117.3 94.6 175.8

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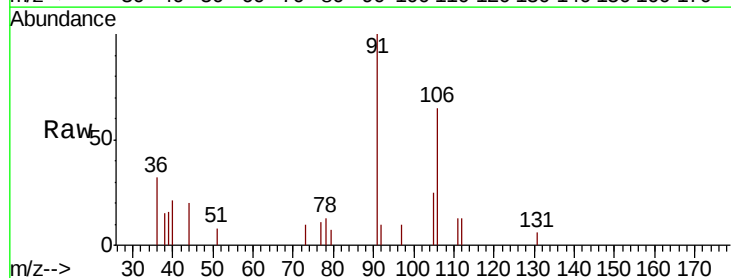


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

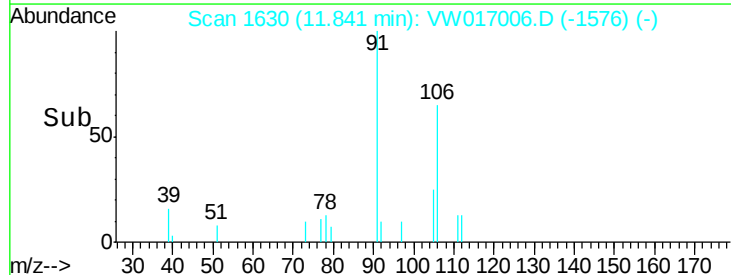
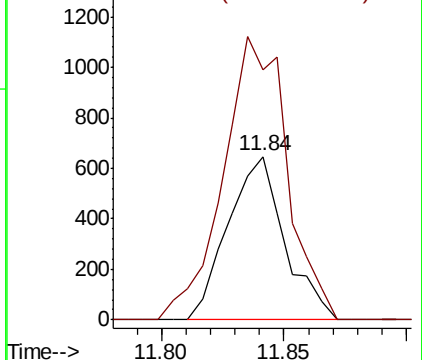


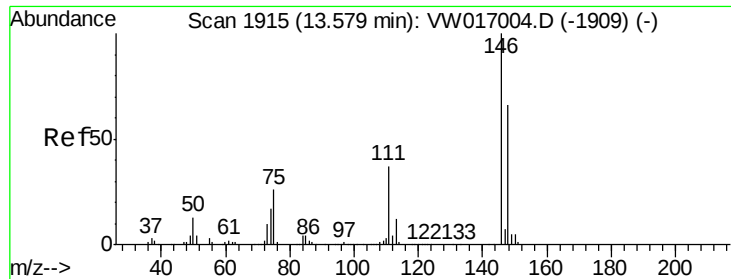
#54
m,p-Xylene
Concen: 0.387 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW017006.D
Acq: 28 Oct 2020 12:12

Tgt Ion:106 Resp: 1042
Ion Ratio Lower Upper
106 100
91 152.9 134.2 249.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V





#64

1,4-Dichlorobenzene

Concen: 0.842 ug/L

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW017006.D

Acq: 28 Oct 2020 12:12

Instrument :

MSVOA_W

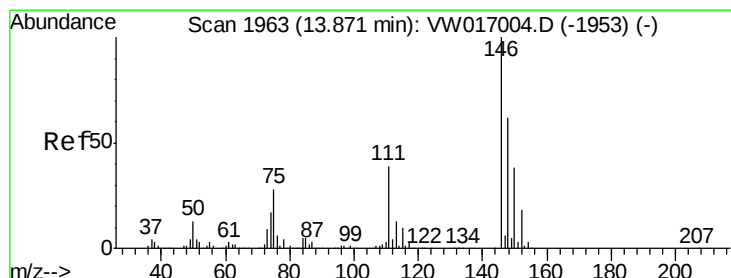
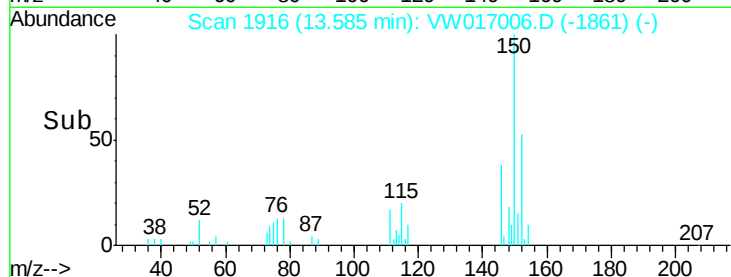
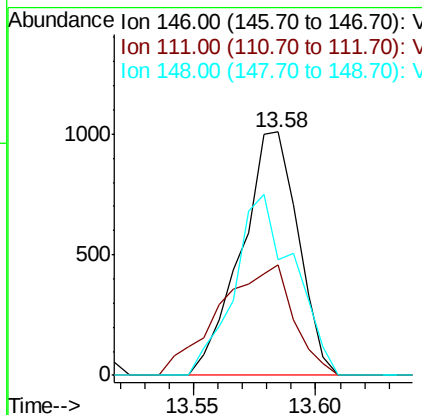
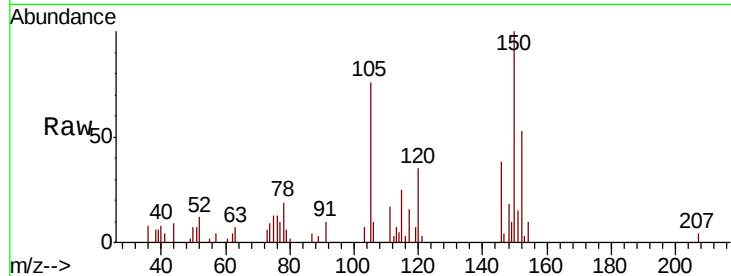
ClientSampled :

BG441

Tot Ion:	146	Resp:	1634
Ion	Ratio	Lower	Upper
146	100		
111	45.3	25.7	47.7
148	47.6	44.3	82.3

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#65

1,2-Dichlorobenzene

Concen: 1.056 ug/L

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW017006.D

Acq: 28 Oct 2020 12:12

Tgt Ion:	146	Resp:	1813
Ion	Ratio	Lower	Upper
146	100		
111	62.5	31.4	47.0#
148	70.9	47.7	71.5

