

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017058.D
 Acq On : 03 Nov 2020 14:46
 Operator : SY/VA
 Sample : L4615-03
 Misc : 6.07G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG475

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:02:14 AM

Quant Time: Nov 04 05:07:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	505406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	414077	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144618	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130528	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
7) Chloroethane-d5	2.90	69	109667	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.04%
10) 1,1-Dichloroethene-d2	4.03	63	191810	16.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.64%
20) 2-Butanone-d5	7.08	46	57142	52.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.00%
24) Chloroform-d	7.65	84	275264	23.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.44%
26) 1,2-Dichloroethane-d4	8.31	65	132151	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.36%
29) Benzene-d6	8.28	84	555323	26.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.44%
33) 1,2-Dichloropropane-d6	9.28	67	155141	27.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.08%
37) Toluene-d8	10.33	98	501629	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.20%
38) trans-1,3-Dichloropropene-	10.58	79	59969	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.44%
39) 2-Hexanone-d5	10.93	63	43371	53.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108160	24.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	124375	24.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.88%

Target Compounds

					Ovalue
13) Acetone	4.13	43	6723	9.093	ug/L 100
14) Carbon disulfide	4.39	76	13388	0.667	ug/L # 91
16) Methylene chloride	4.92	84	14596	2.184	ug/L 92
22) cis-1,2-Dichloroethene	7.17	96	30443	4.352	ug/L 97
34) Benzene	8.33	78	164473	7.190	ug/L 100
35) Trichloroethene	9.10	95	1693739	267.349	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	2455	1.014	ug/L 98
47) Tetrachloroethene	10.87	164	23580691m	4046.335	ug/L
54) m,p-Xylene	11.84	106	2845	0.260	ug/L 96
55) o-xylene	12.17	106	2543	0.251	ug/L 93
64) 1,4-Dichlorobenzene	13.58	146	2467	0.265	ug/L # 86
65) 1,2-Dichlorobenzene	13.87	146	2989	0.363	ug/L # 77

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

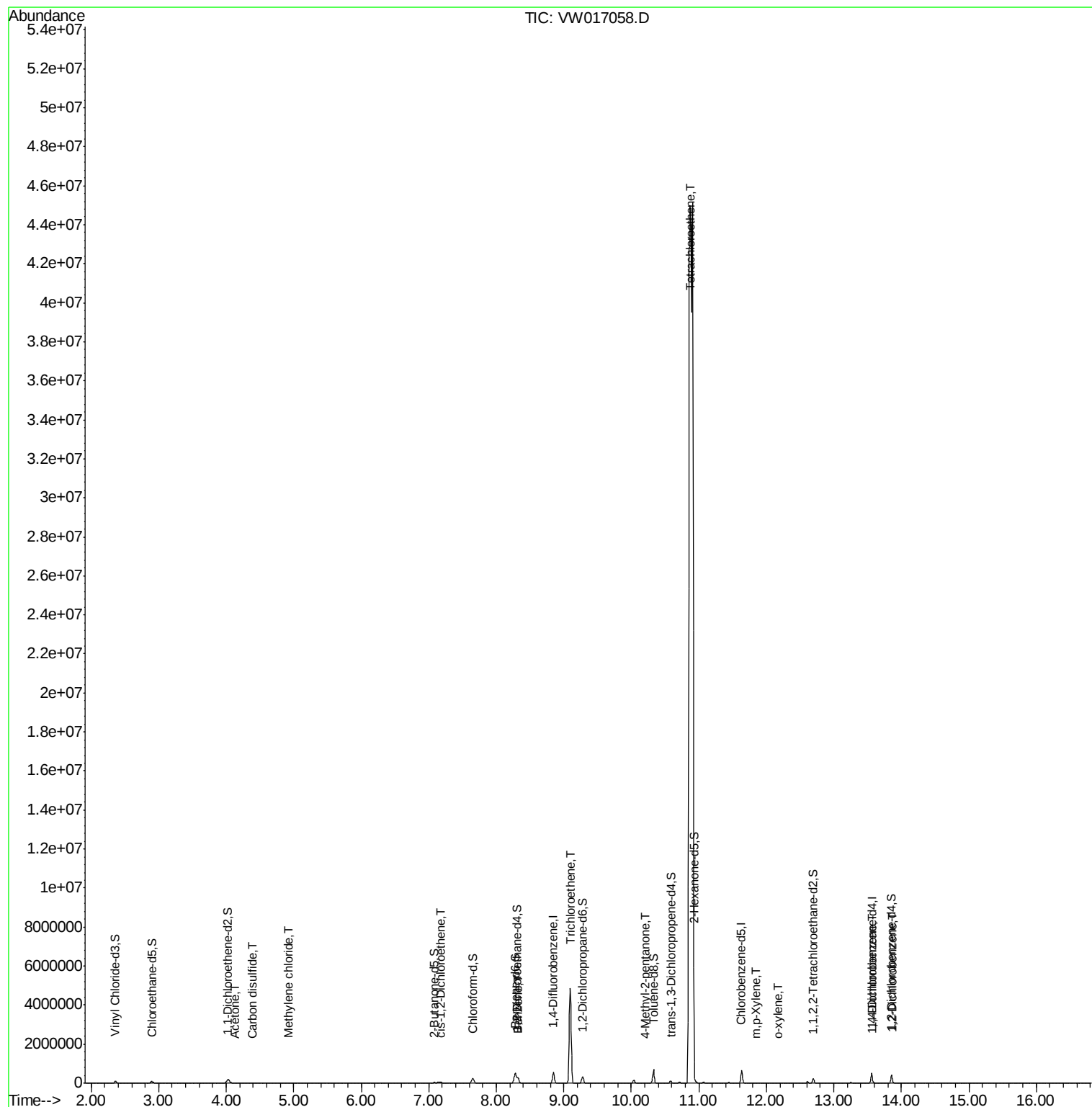
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110320\
Data File : VW017058.D
Acq On : 03 Nov 2020 14:46
Operator : SY/VA
Sample : L4615-03
Misc : 6.07G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

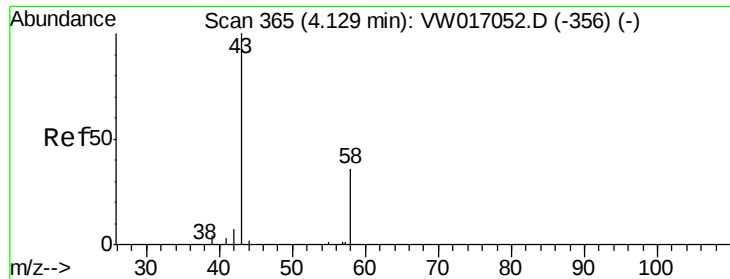
Instrument :
MSVOA_W
ClientSampleId :
BG475

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Quant Time: Nov 04 05:07:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration





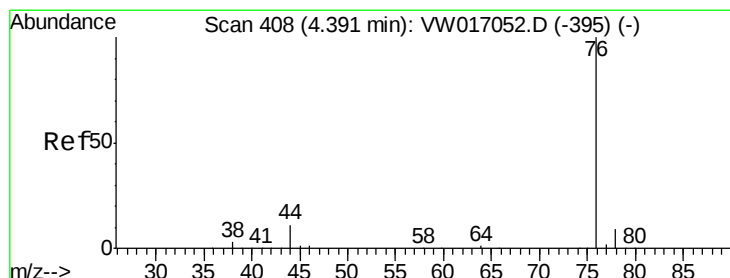
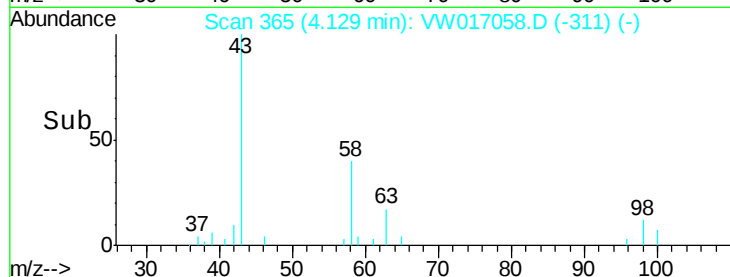
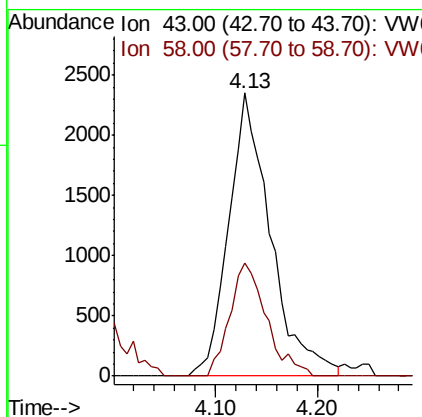
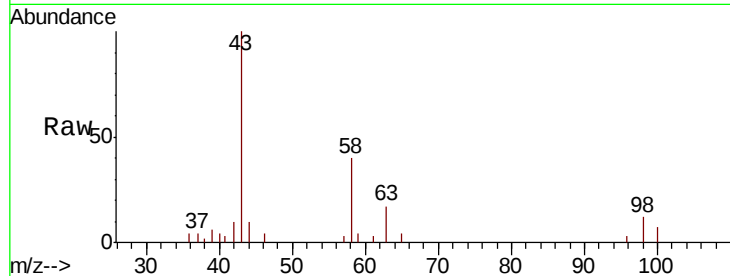
#13
Acetone
Concen: 9.093 ug/L
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW017058.D
Acq: 03 Nov 2020 14:46

Instrument :
MSVOA_W
ClientSampleId :
BG475

Tot Ion: 43 Resp: 6723
Ion Ratio Lower Upper
43 100
58 34.8 0.0 69.8

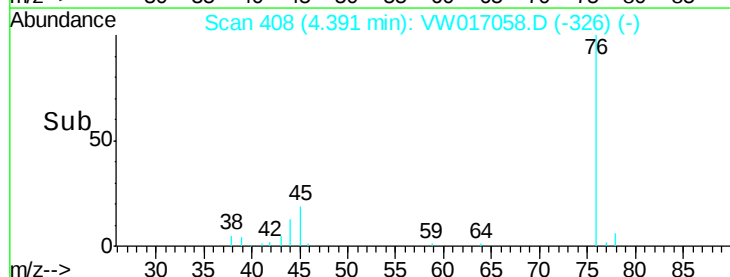
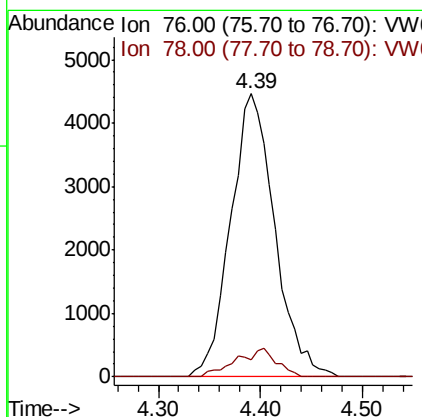
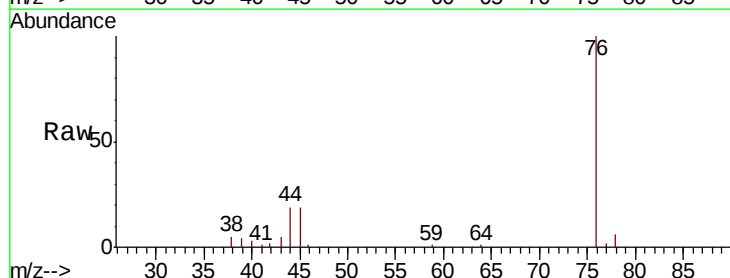
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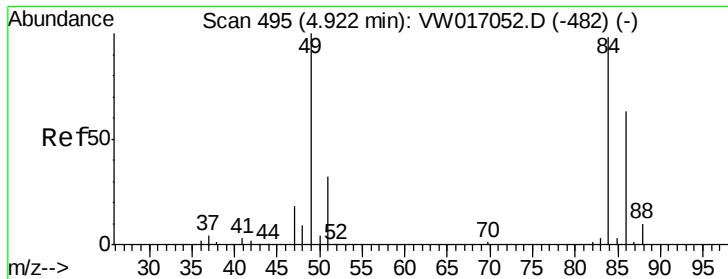
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#14
Carbon disulfide
Concen: 0.667 ug/L
RT: 4.39 min Scan# 408
Delta R.T. -0.00 min
Lab File: VW017058.D
Acq: 03 Nov 2020 14:46

Tgt Ion: 76 Resp: 13388
Ion Ratio Lower Upper
76 100
78 6.0 7.3 10.9#





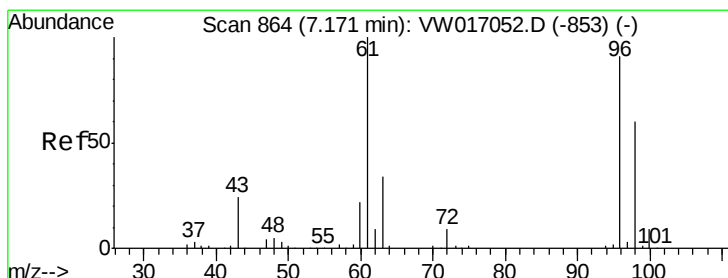
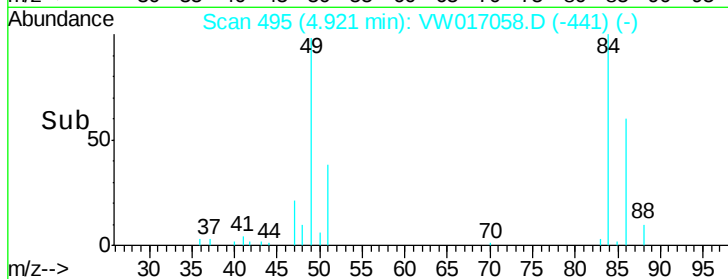
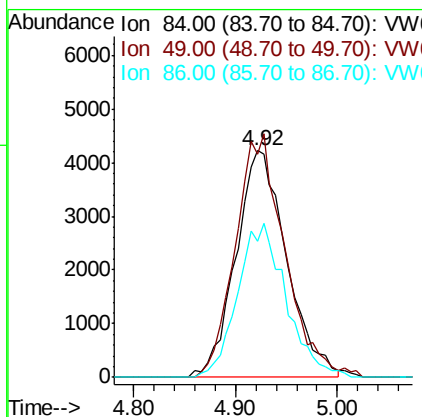
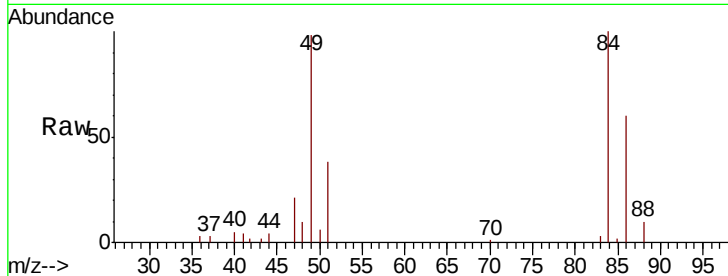
#16
Methylene chloride
Concen: 2.184 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017058.D
Acq: 03 Nov 2020 14:46

Instrument :
MSVOA_W
ClientSampled :
BG475

Tot Ion	Ratio	Lower	Upper
84	100		
49	98.4	73.8	137.0
86	60.0	47.4	88.0

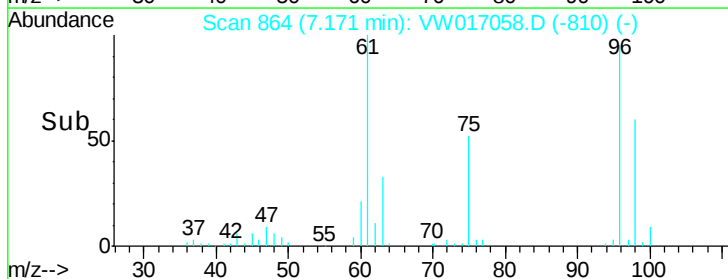
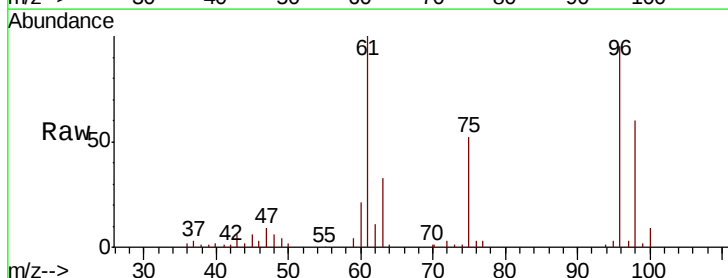
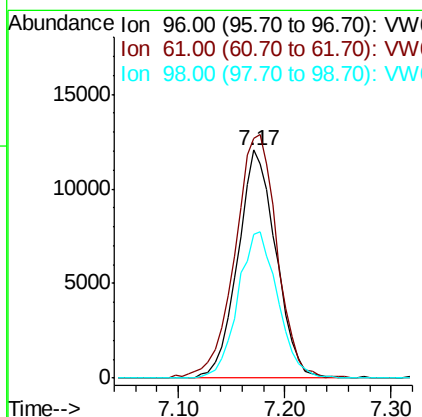
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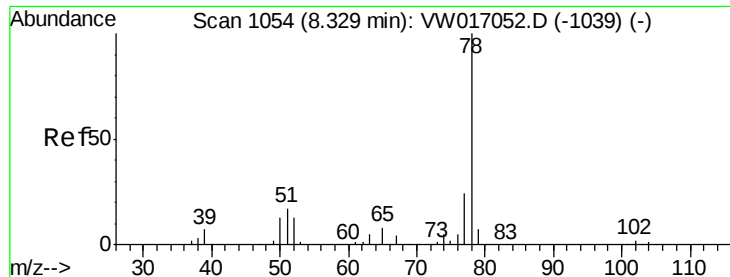
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#22
cis-1,2-Dichloroethene
Concen: 4.352 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW017058.D
Acq: 03 Nov 2020 14:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	105.3	77.4	143.8
98	63.4	44.4	82.5





#34

Benzene

Concen: 7.190 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW017058.D

Acq: 03 Nov 2020 14:46

Instrument :

MSVOA_W

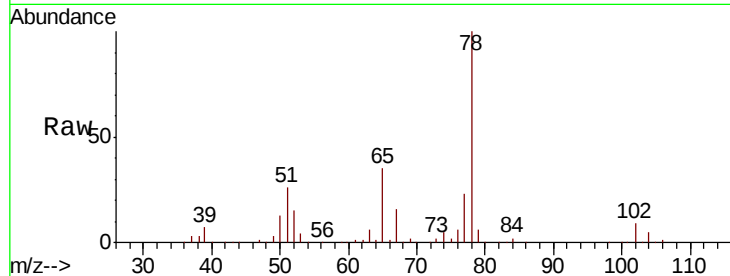
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BG475

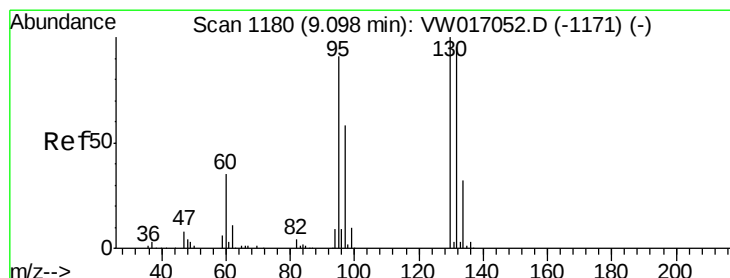
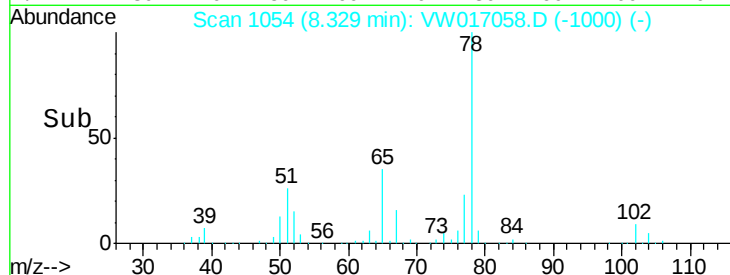
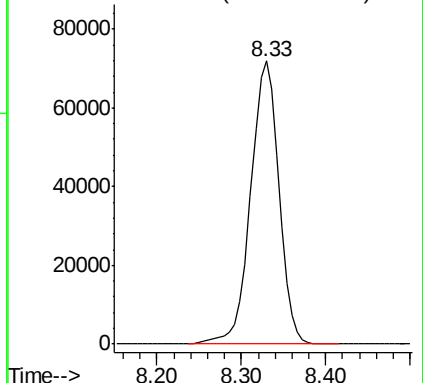
Tgt Ion: 78 Resp: 164473

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Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 267.349 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW017058.D

Acq: 03 Nov 2020 14:46

Tgt Ion: 95 Resp: 1693739

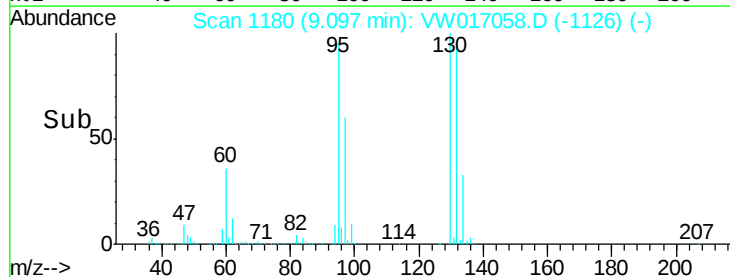
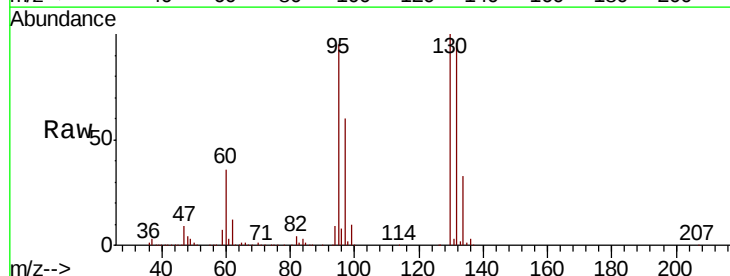
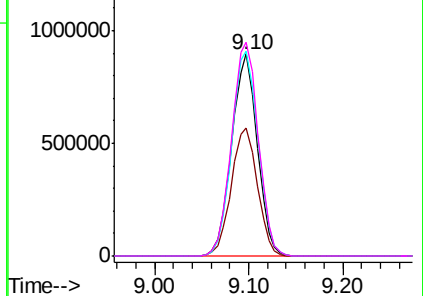
Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.0	85.4
132	104.8	73.9	137.3
130	110.1	77.6	144.2

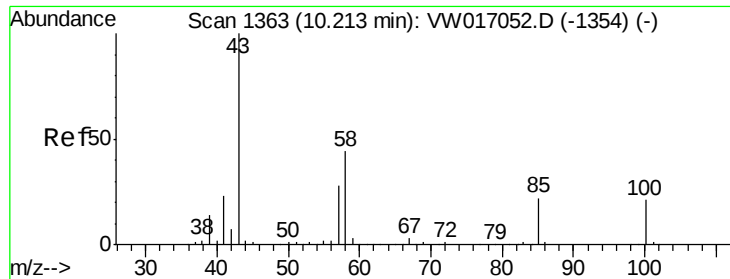
Abundance Ion 95.00 (94.70 to 95.70): VW

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





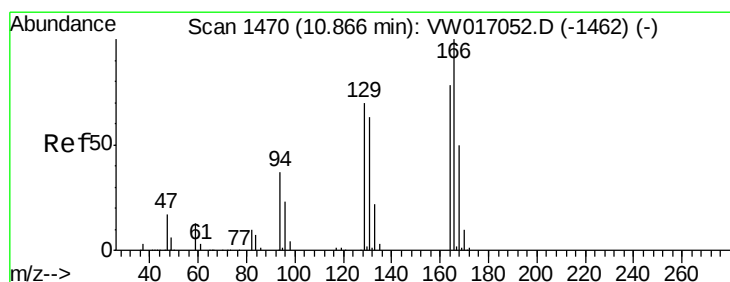
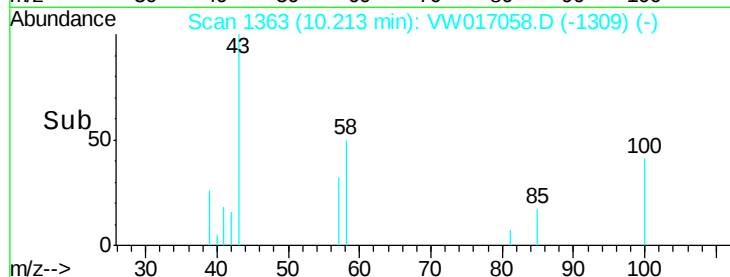
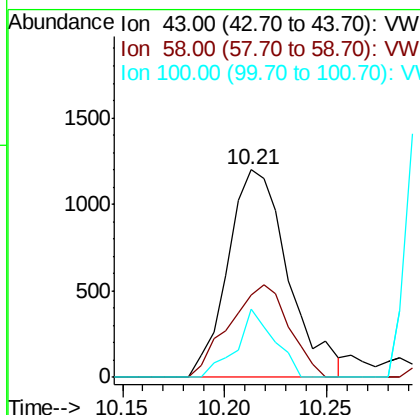
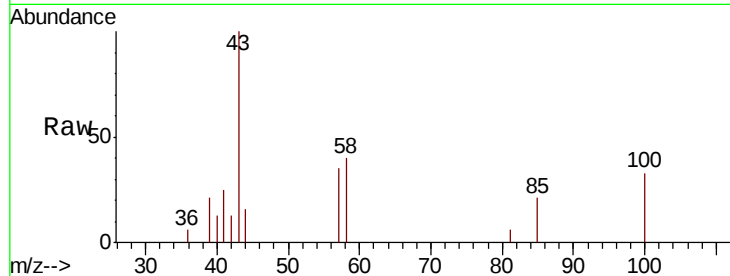
#43
4-Methyl-2-pentanone
Concen: 1.014 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017058.D
Acq: 03 Nov 2020 14:46

Instrument :
MSVOA_W
ClientSampled :
BG475

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.4	34.4	51.6
100	20.7	16.2	24.2

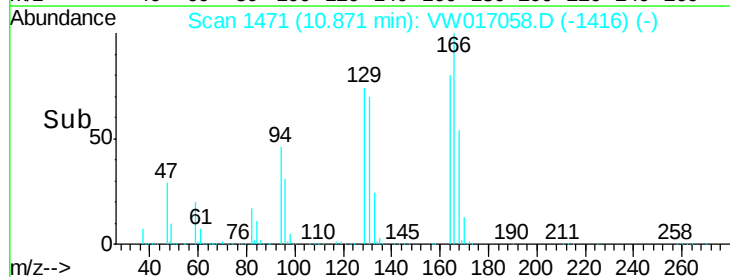
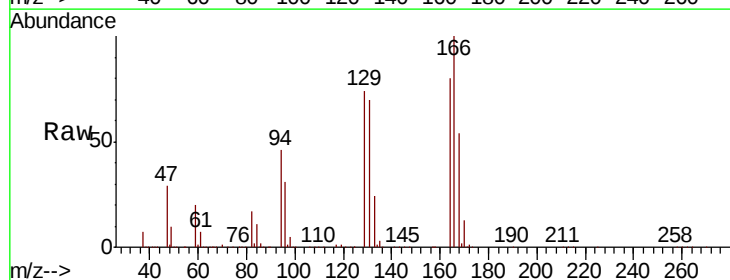
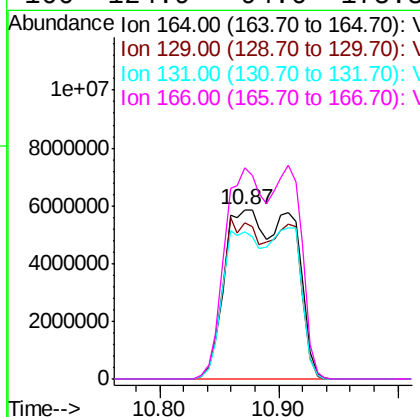
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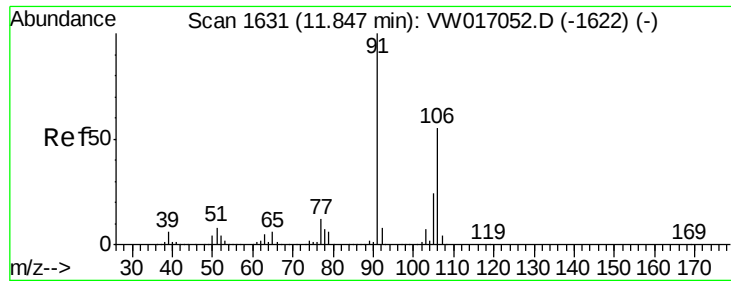
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#47
Tetrachloroethene
Concen: 4046.335 ug/L m
RT: 10.87 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VW017058.D
Acq: 03 Nov 2020 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
129	91.9	64.0	119.0
131	87.4	61.7	114.5
166	124.9	94.6	175.8





#54

m,p-Xylene

Concen: 0.260 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW017058.D

Acq: 03 Nov 2020 14:46

Instrument :

MSVOA_W

ClientSampled :

BG475

Tot Ion:106 Resp: 2845

Ion Ratio Lower Upper

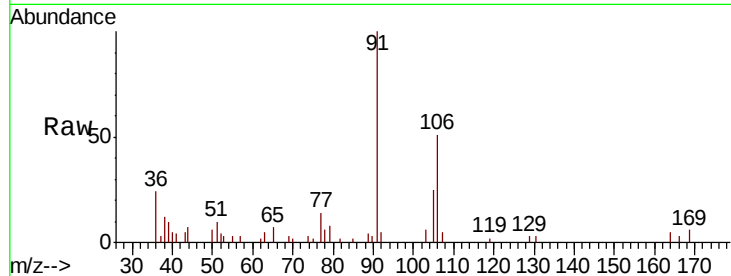
106 100

91 197.5 134.2 249.2

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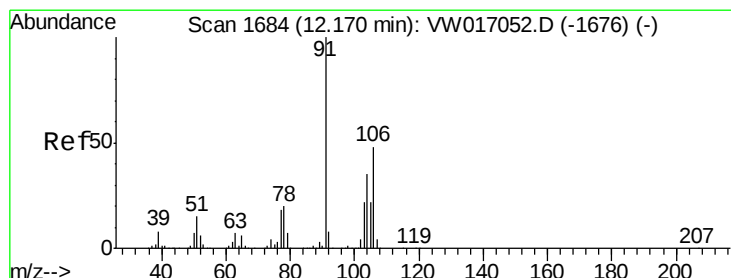
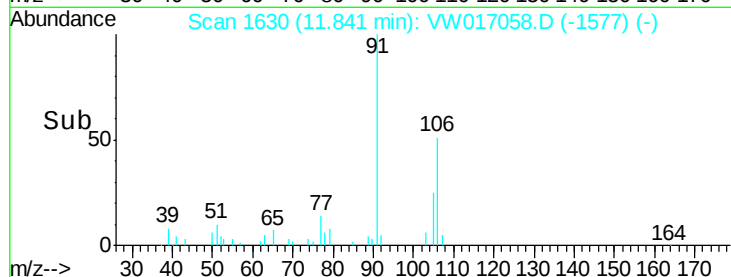
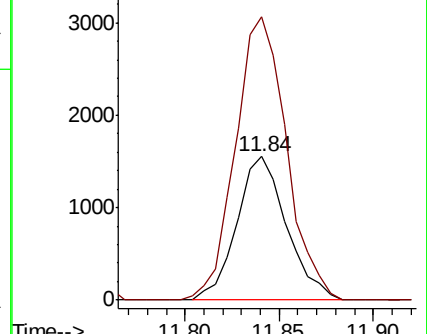
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.251 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW017058.D

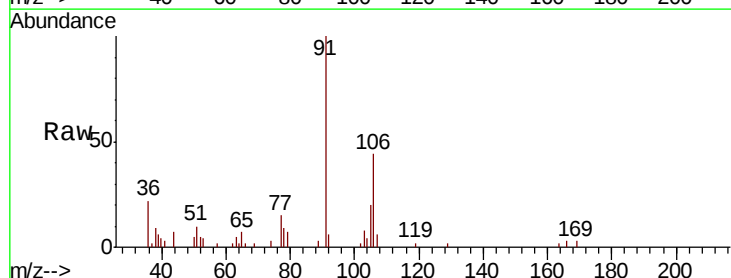
Acq: 03 Nov 2020 14:46

Tgt Ion:106 Resp: 2543

Ion Ratio Lower Upper

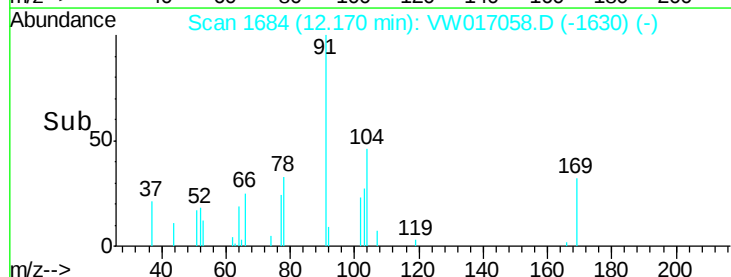
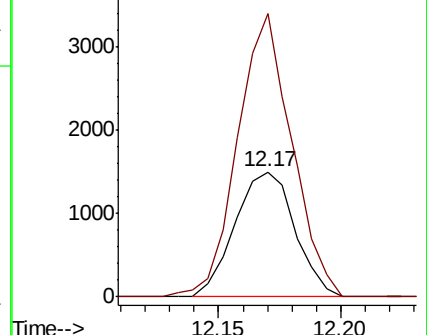
106 100

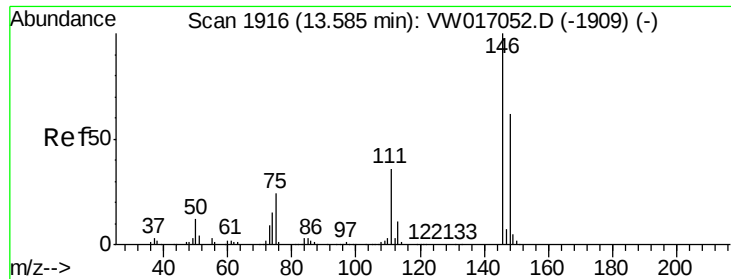
91 226.9 150.9 280.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#64

1,4-Dichlorobenzene

Concen: 0.265 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. -0.01 min

Lab File: VW017058.D

Acq: 03 Nov 2020 14:46

Instrument :

MSVOA_W

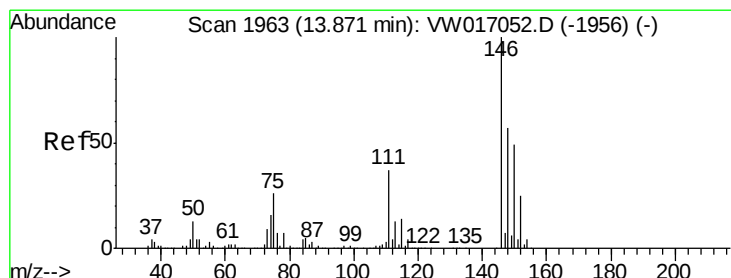
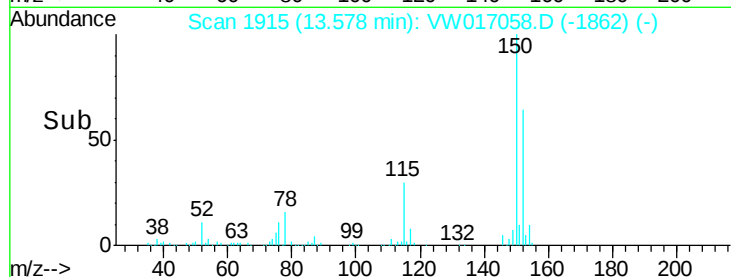
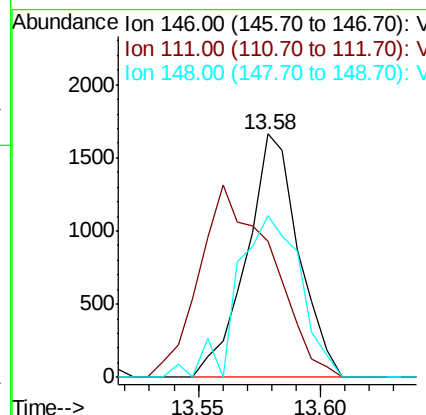
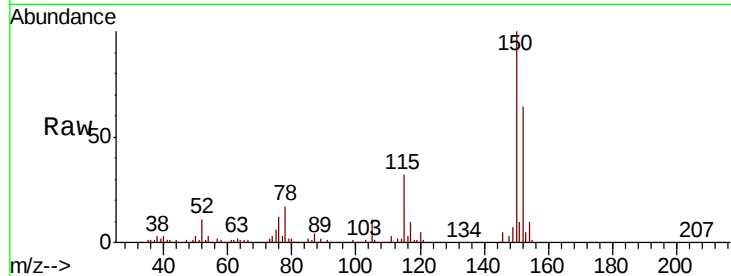
ClientSampled :

BG475

Tot Ion:	146	Resp:	2467
Ion Ratio	Lower	Upper	
146	100		
111	55.8	25.7	47.7#
148	66.3	44.3	82.3

Manual Integrations
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11/9/2020 10:02:14 AM



#65

1,2-Dichlorobenzene

Concen: 0.363 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW017058.D

Acq: 03 Nov 2020 14:46

Tgt Ion:	146	Resp:	2989
Ion Ratio	Lower	Upper	
146	100		
111	58.5	31.4	47.0#
148	72.2	47.7	71.5#

