

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017014.D
 Acq On : 28 Oct 2020 16:23
 Operator : SY/VA
 Sample : L4502-21
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG444

Manual Integrations
 APPROVED

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 10/30/2020 1:33:34 PM

Quant Time: Oct 29 08:54:03 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	8.85	114	459520	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	415590	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192642	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125638	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.76%
7) Chloroethane-d5	2.89	69	98350	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.72%
10) 1,1-Dichloroethene-d2	4.03	63	179863	17.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.76%
20) 2-Butanone-d5	7.08	46	51175	51.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.44%
24) Chloroform-d	7.65	84	254773	24.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	8.31	65	125062	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.28%
29) Benzene-d6	8.27	84	534305	25.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.12%
33) 1,2-Dichloropropane-d6	9.27	67	145860	25.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.24%
37) Toluene-d8	10.33	98	499308	24.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.36%
38) trans-1,3-Dichloropropene-	10.58	79	59143	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.72%
39) 2-Hexanone-d5	10.93	63	43066	53.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110530	25.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	175187	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

					Ovalue
13) Acetone	4.13	43	4331	6.443 ug/L	98
14) Carbon disulfide	4.39	76	6071	0.333 ug/L	99
16) Methylene chloride	4.92	84	10814m	1.780 ug/L	
17) Methyl tert-butyl Ether	5.43	73	3561	0.543 ug/L #	86
22) cis-1,2-Dichloroethene	7.17	96	2252	0.354 ug/L	84
35) Trichloroethene	9.09	95	201379	31.671 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2216	0.912 ug/L	94
47) Tetrachloroethene	10.87	164	4453007	761.333 ug/L	96

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

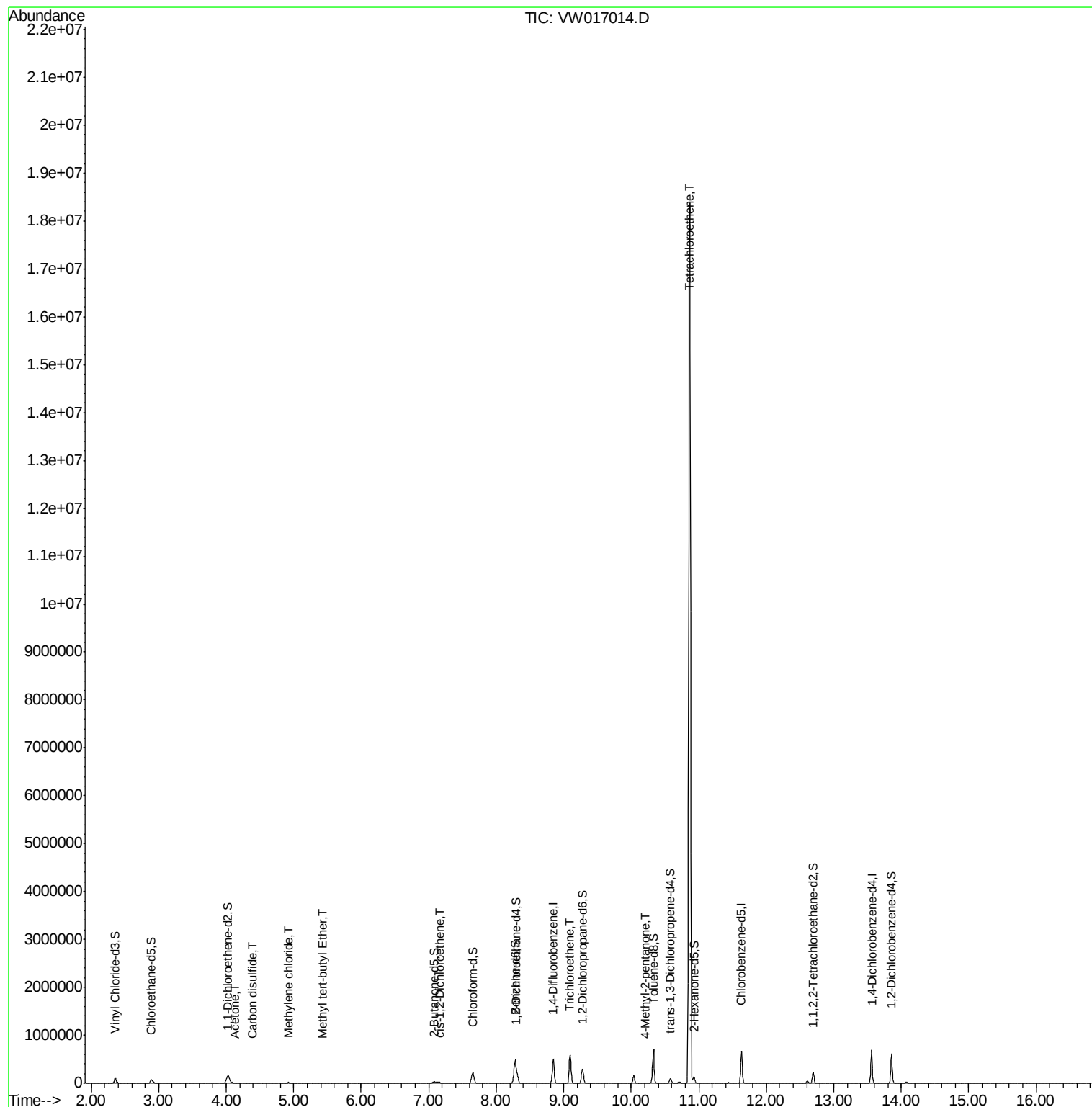
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
Data File : VW017014.D
Acq On : 28 Oct 2020 16:23
Operator : SY/VA
Sample : L4502-21
Misc : 5.33G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

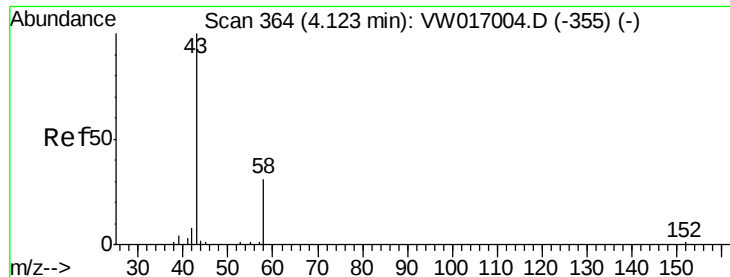
Instrument :
MSVOA_W
ClientSampleId :
BG444

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Quant Time: Oct 29 08:54:03 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





#13

Acetone

Concen: 6.443 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017014.D

Acq: 28 Oct 2020 16:23

Instrument :

MSVOA_W

ClientSampled :

BG444

Tot Ion: 43 Resp: 4331

Ion Ratio Lower Upper

43 100

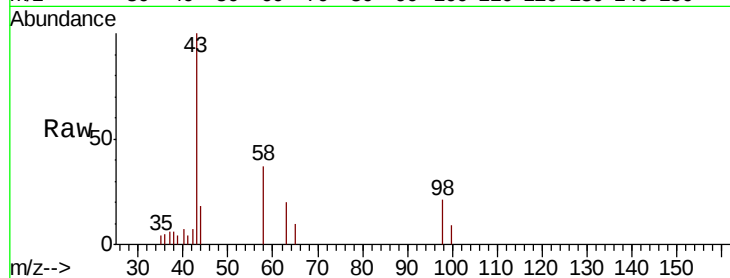
58 36.3 0.0 69.8

Manual Integrations

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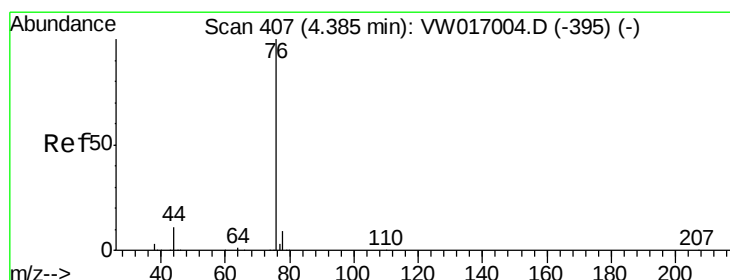
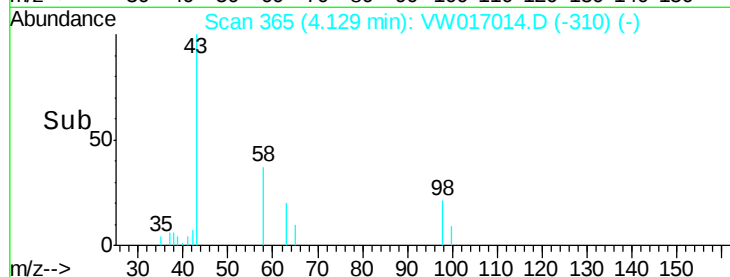
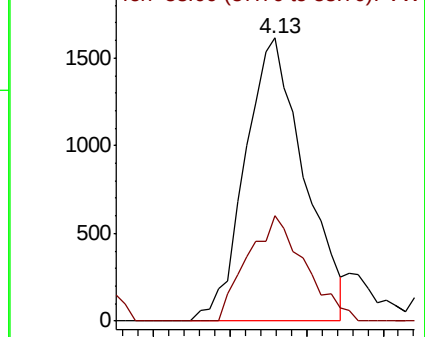
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.333 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW017014.D

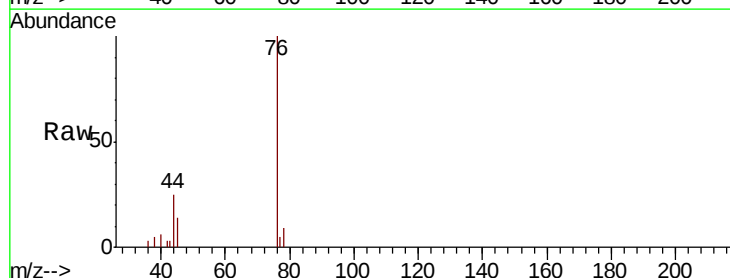
Acq: 28 Oct 2020 16:23

Tgt Ion: 76 Resp: 6071

Ion Ratio Lower Upper

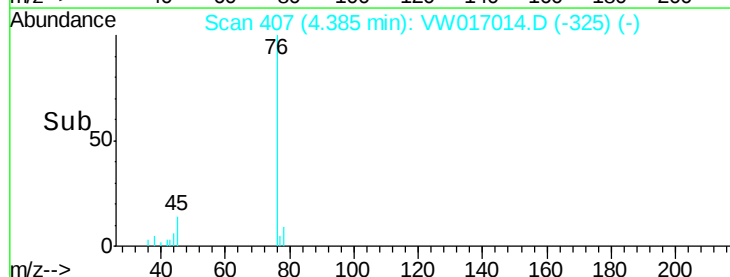
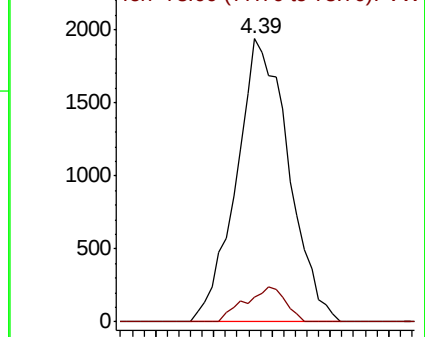
76 100

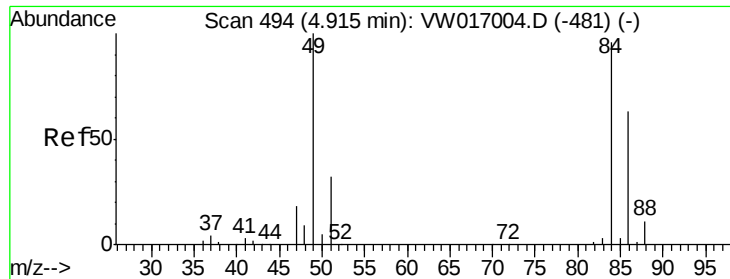
78 8.6 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





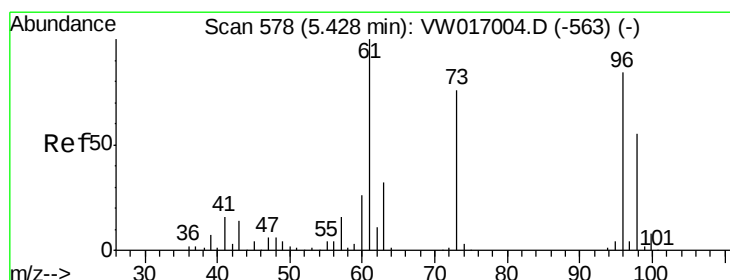
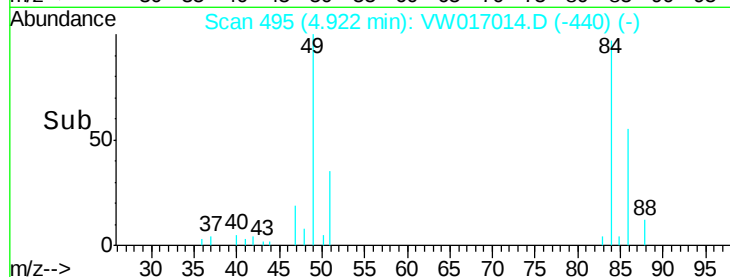
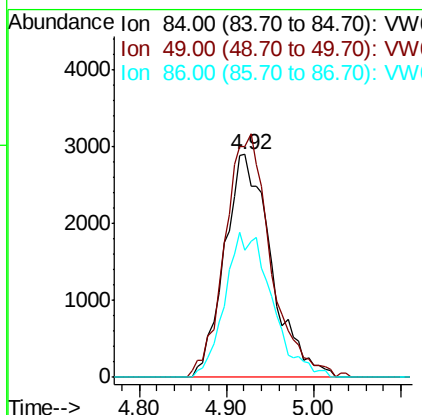
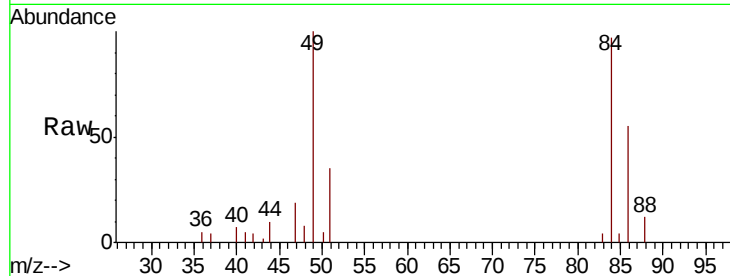
#16
Methylene chloride
Concen: 1.780 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017014.D
Acq: 28 Oct 2020 16:23

Instrument :
MSVOA_W
ClientSampleId :
BG444

Tot Ion	84	Resp	10814
Ion	Ratio	Lower	Upper
84	100		
49	103.4	73.8	137.0
86	57.2	47.4	88.0

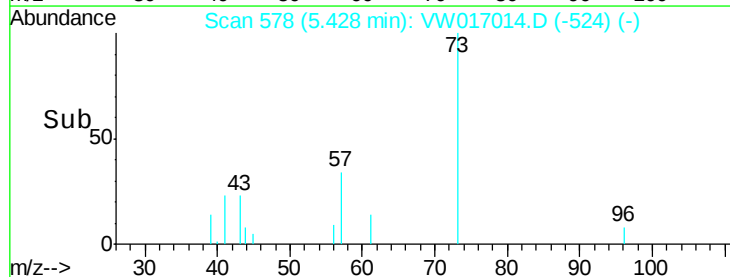
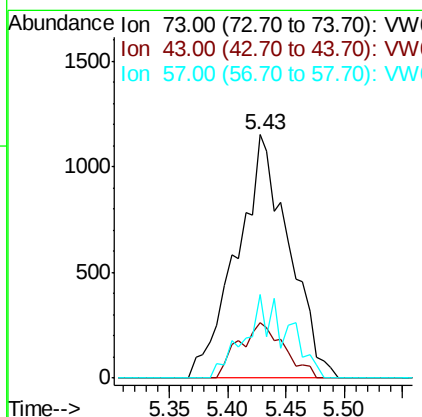
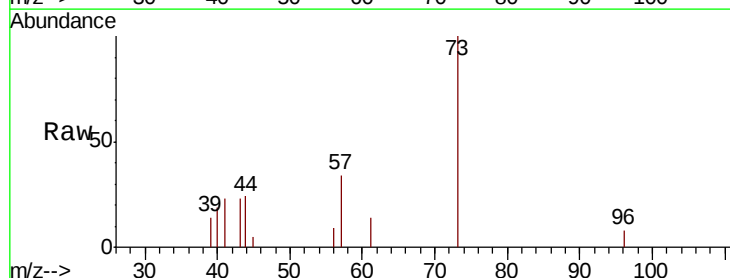
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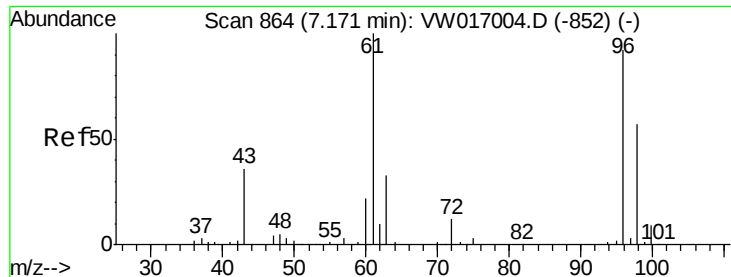
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#17
Methyl tert-butyl Ether
Concen: 0.543 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW017014.D
Acq: 28 Oct 2020 16:23

Tgt Ion	73	Resp	3561
Ion	Ratio	Lower	Upper
73	100		
43	12.9	14.4	21.6#
57	13.4	16.6	25.0#





#22

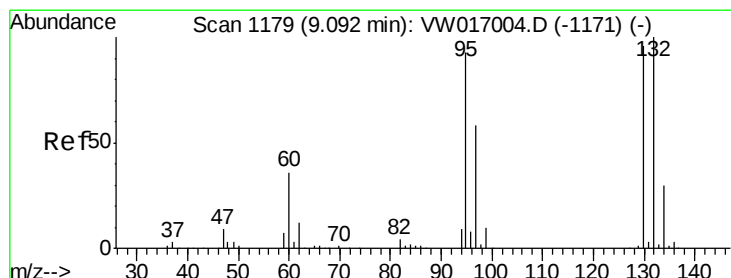
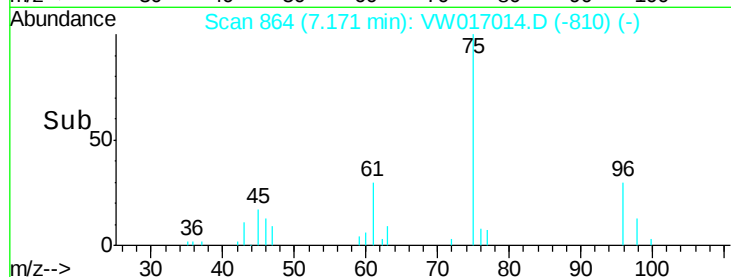
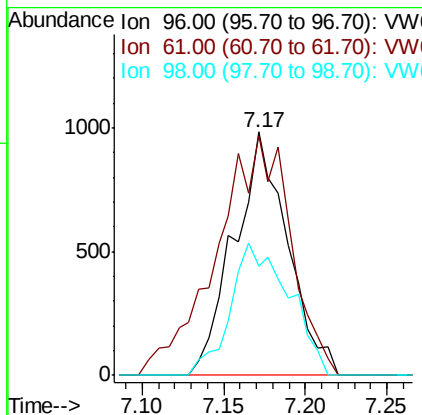
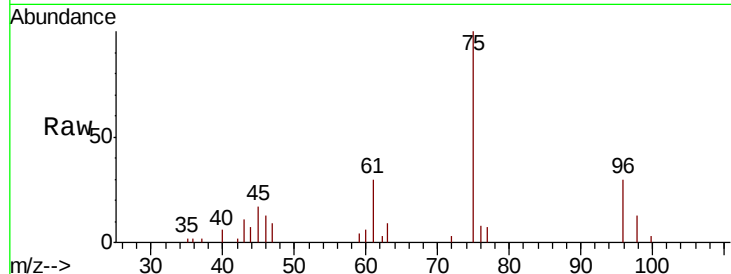
cis-1,2-Dichloroethene
Concen: 0.354 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017014.D
Acq: 28 Oct 2020 16:23

Instrument :
MSVOA_W
ClientSampled :
BG444

Tot Ion	Ratio	Lower	Upper
96	100		
61	98.7	77.4	143.8
98	44.9	44.4	82.5

Manual Integrations
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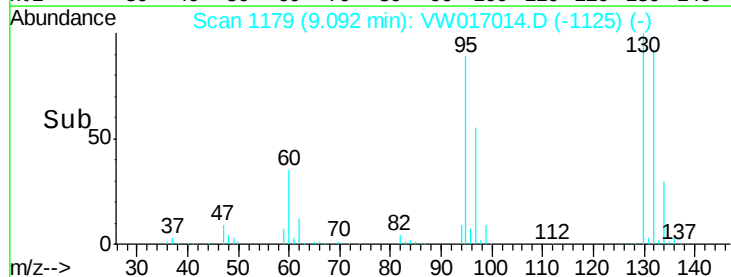
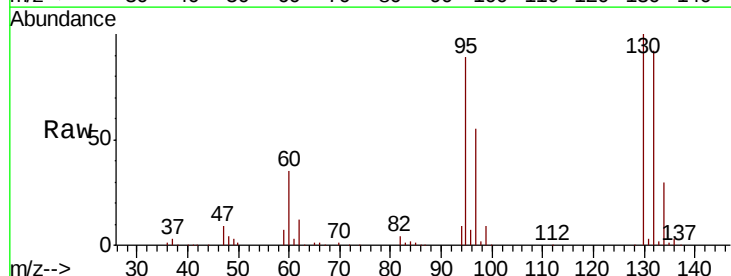
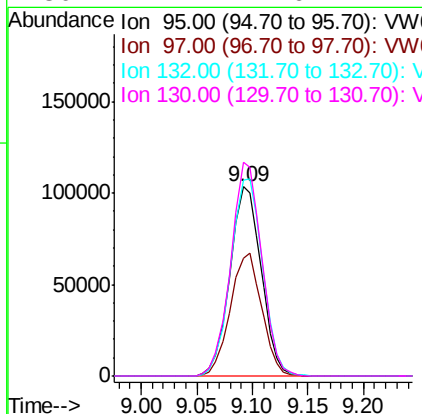
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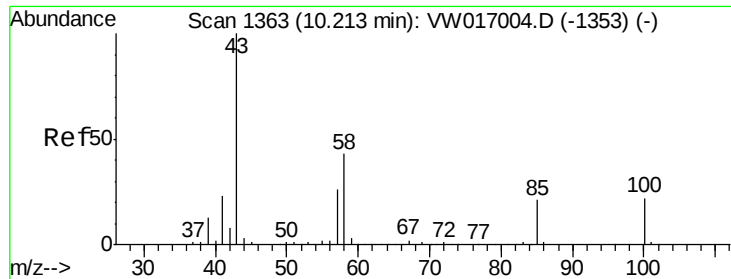


#35

Trichloroethene
Concen: 31.671 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW017014.D
Acq: 28 Oct 2020 16:23

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.0	85.4
132	106.6	73.9	137.3
130	111.7	77.6	144.2





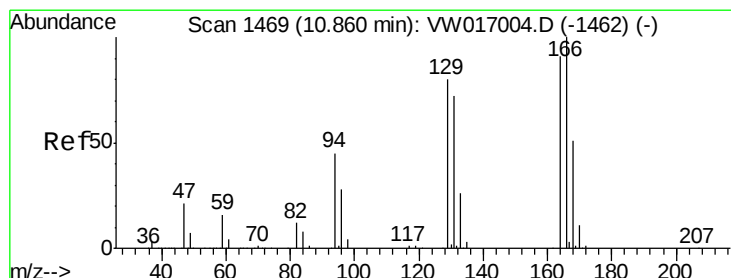
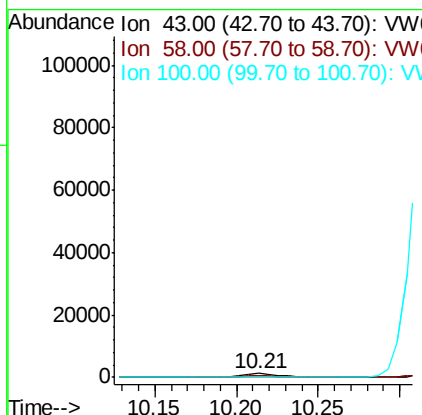
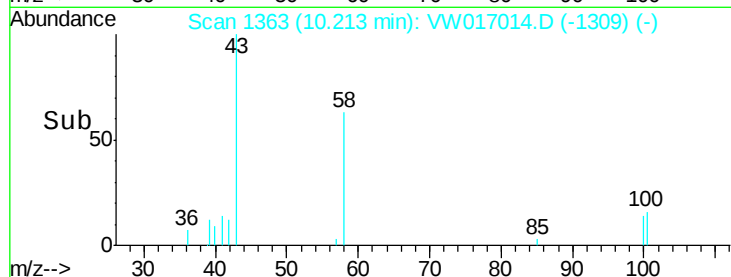
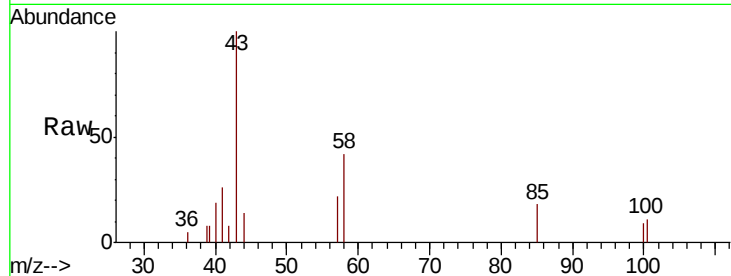
#43
4-Methyl-2-pentanone
Concen: 0.912 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017014.D
Acq: 28 Oct 2020 16:23

Instrument :
MSVOA_W
ClientSampled :
BG444

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	34.4	51.6
100	18.6	16.2	24.2

Manual Integrations
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#47
Tetrachloroethene
Concen: 761.333 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW017014.D
Acq: 28 Oct 2020 16:23

Tgt Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.0	119.0
131	88.3	61.7	114.5
166	126.0	94.6	175.8

