

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017012.D
 Acq On : 28 Oct 2020 15:12
 Operator : SY/VA
 Sample : L4502-20
 Misc : 5.95G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG443

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 08:48:07 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	482450	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	417005	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188208	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139955	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.56%
7) Chloroethane-d5	2.89	69	108495	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
10) 1,1-Dichloroethene-d2	4.02	63	204173	18.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.40%
20) 2-Butanone-d5	7.08	46	48768	46.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.00%
24) Chloroform-d	7.65	84	277207	24.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	8.31	65	130631	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.76%
29) Benzene-d6	8.27	84	580831	27.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.48%
33) 1,2-Dichloropropane-d6	9.27	67	157541	27.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.00%
37) Toluene-d8	10.32	98	544952	27.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.08%
38) trans-1,3-Dichloropropene-	10.58	79	61501	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.24%
39) 2-Hexanone-d5	10.93	63	40751	50.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105511	23.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	171840	25.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	5856m	8.297	ug/L	
14) Carbon disulfide	4.39	76	8508	0.444	ug/L	98
16) Methylene chloride	4.91	84	11043	1.731	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	3417	0.512	ug/L	91
34) Benzene	8.32	78	15334	0.666	ug/L	100
35) Trichloroethene	9.09	95	295691	46.346	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2407	0.987	ug/L #	80
47) Tetrachloroethene	10.87	164	10326824	1759.592	ug/L	93

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

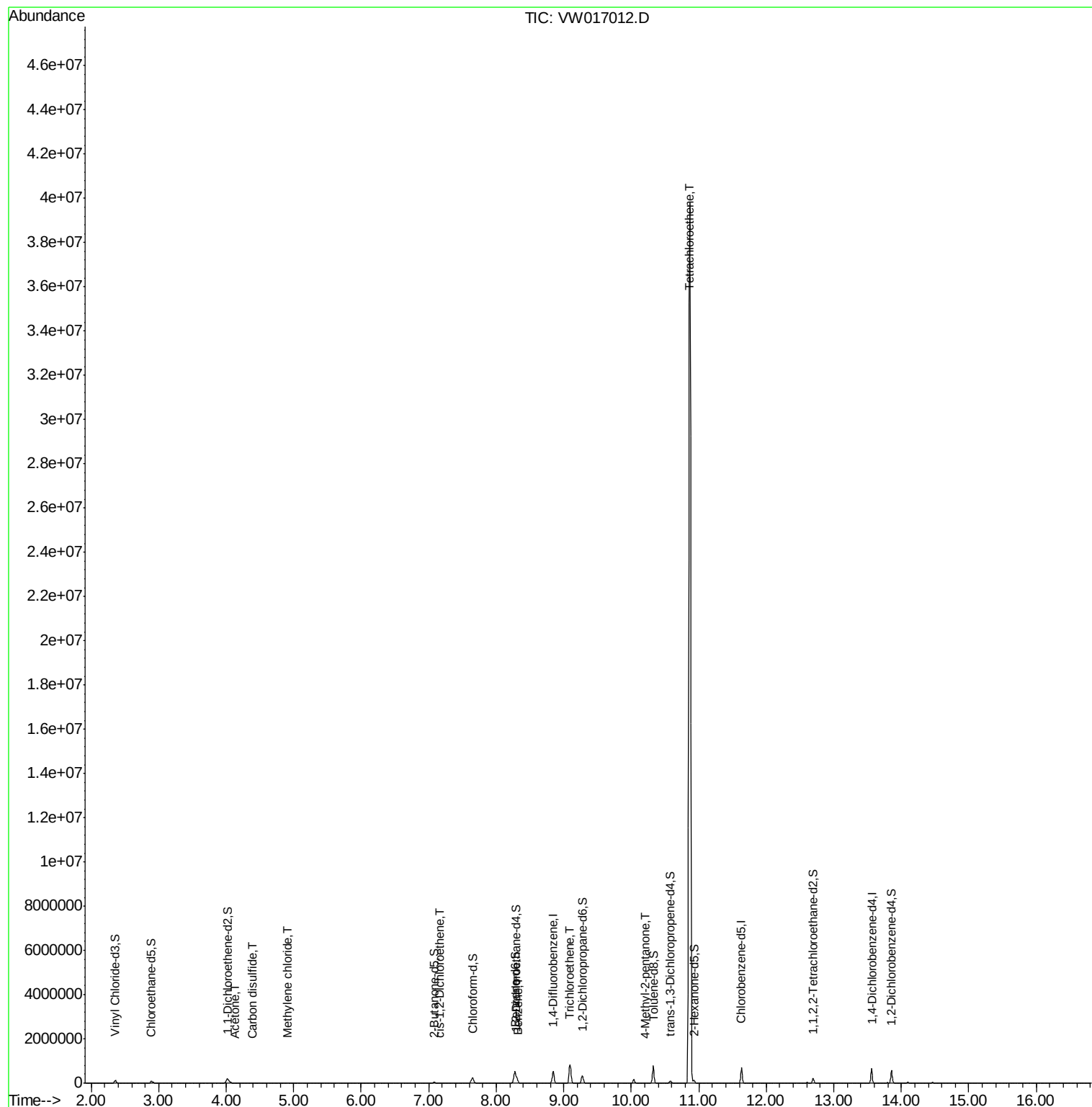
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102820\
Data File : VW017012.D
Acq On : 28 Oct 2020 15:12
Operator : SY/VA
Sample : L4502-20
Misc : 5.95G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

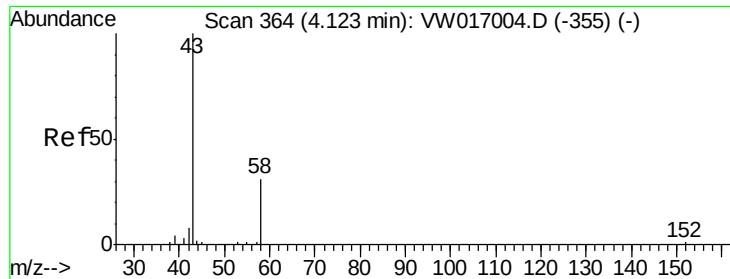
Instrument :
MSVOA_W
ClientSampleId :
BG443

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Quant Time: Oct 29 08:48:07 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





#13

Acetone

Concen: 8.297 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017012.D

Acq: 28 Oct 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

BG443

Tot Ion: 43 Resp: 5856

Ion Ratio Lower Upper

43 100

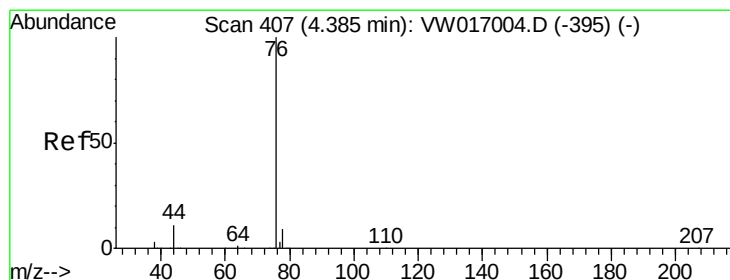
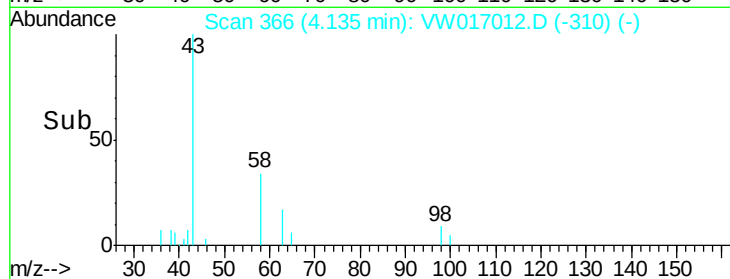
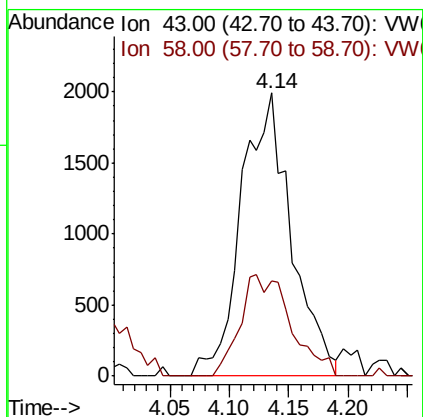
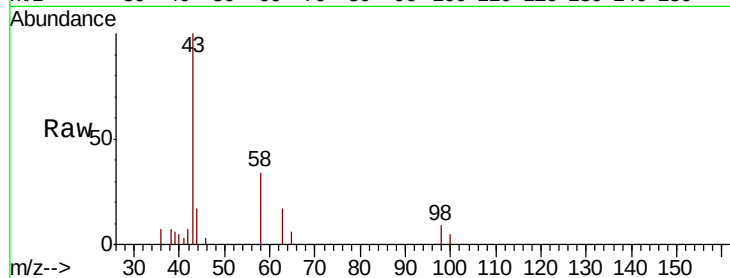
58 18.1 0.0 69.8

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#14

Carbon disulfide

Concen: 0.444 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW017012.D

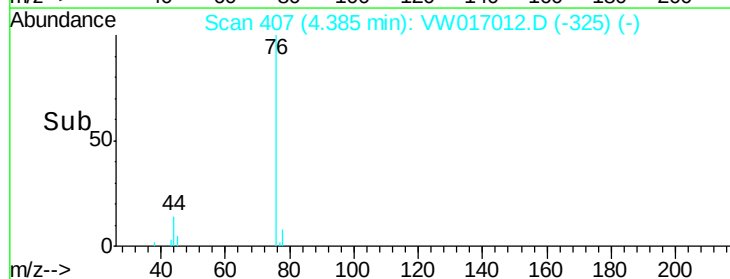
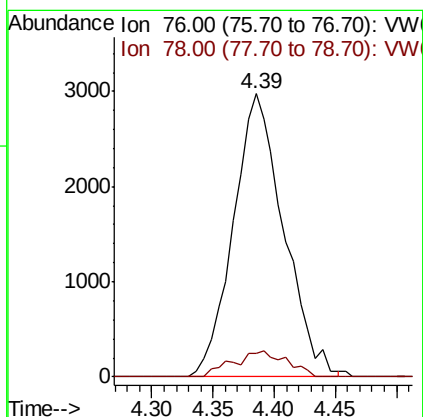
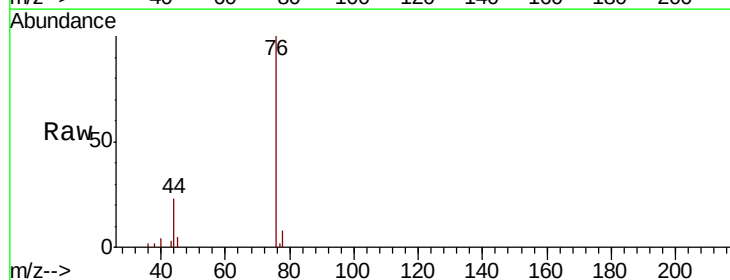
Acq: 28 Oct 2020 15:12

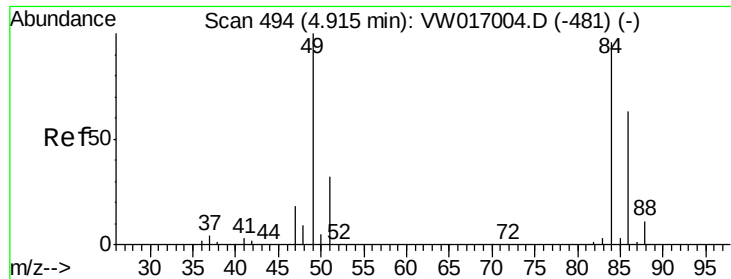
Tgt Ion: 76 Resp: 8508

Ion Ratio Lower Upper

76 100

78 8.2 7.3 10.9





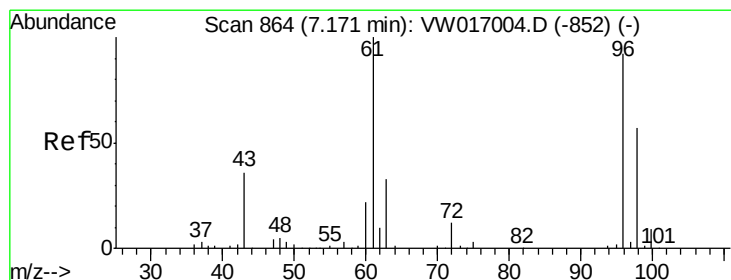
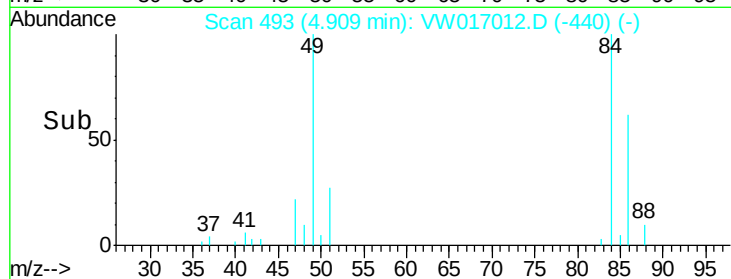
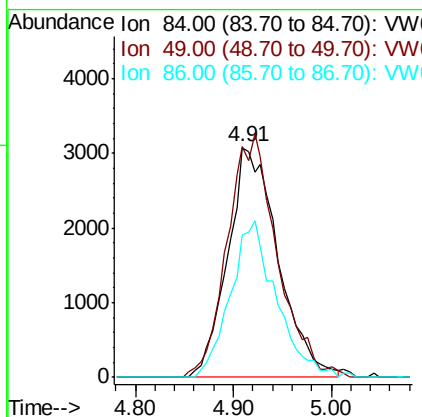
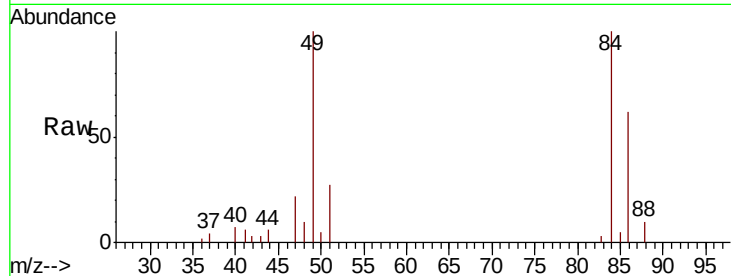
#16
Methylene chloride
Concen: 1.731 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW017012.D
Acq: 28 Oct 2020 15:12

Instrument :
MSVOA_W
ClientSampleId :
BG443

Tot Ion	Ratio	Lower	Upper
84	100		
49	100.3	73.8	137.0
86	62.0	47.4	88.0

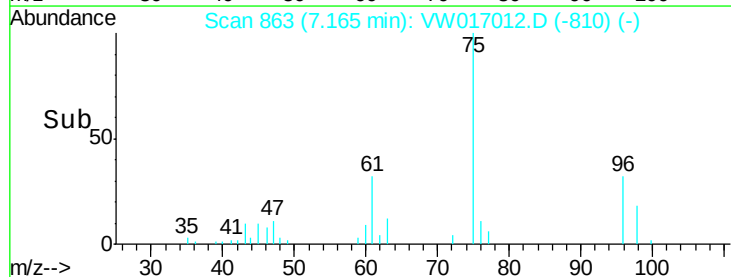
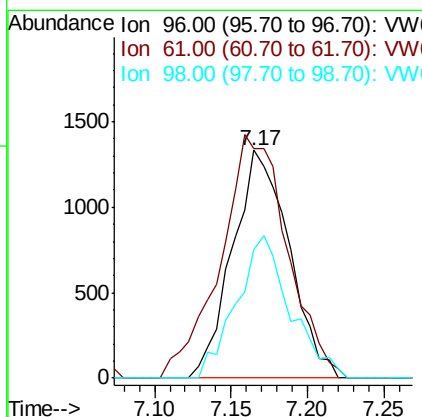
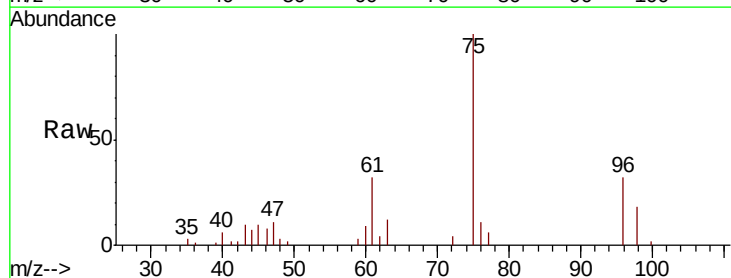
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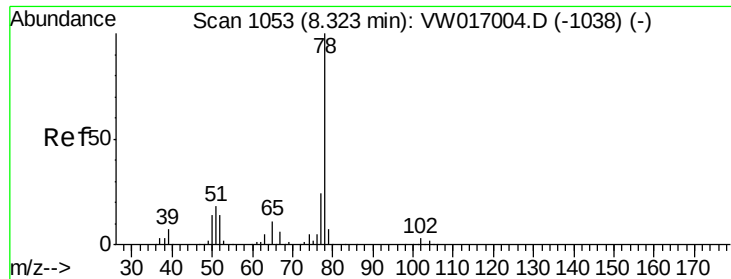
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#22
cis-1,2-Dichloroethene
Concen: 0.512 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW017012.D
Acq: 28 Oct 2020 15:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	100.7	77.4	143.8
98	56.3	44.4	82.5





#34

Benzene

Concen: 0.666 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW017012.D

Acq: 28 Oct 2020 15:12

Instrument :

MSVOA_W

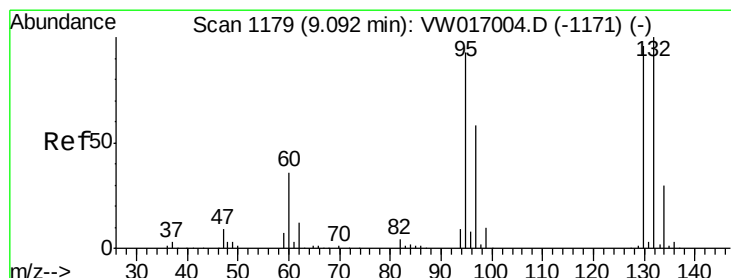
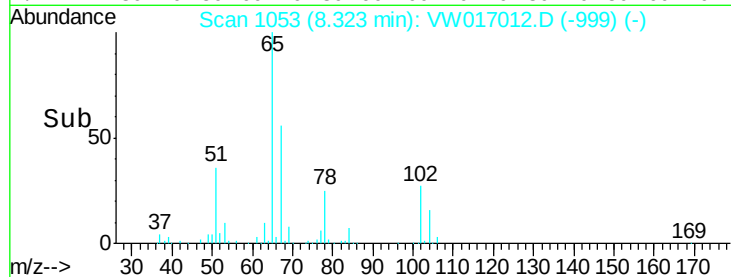
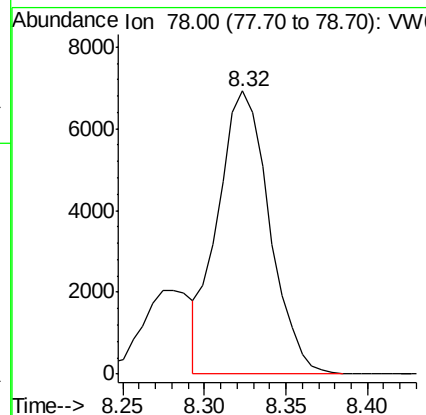
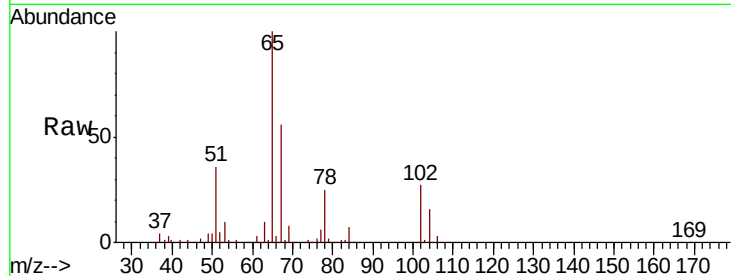
ClientSampleId :

BG443

Tgt Ion: 78 Resp: 15334

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#35

Trichloroethene

Concen: 46.346 ug/L

RT: 9.09 min Scan# 1179

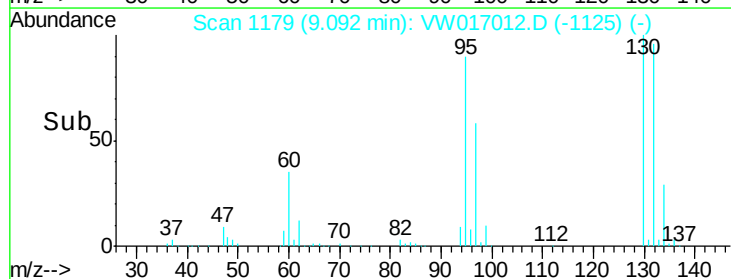
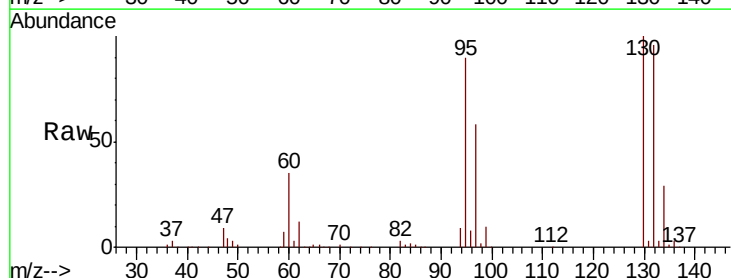
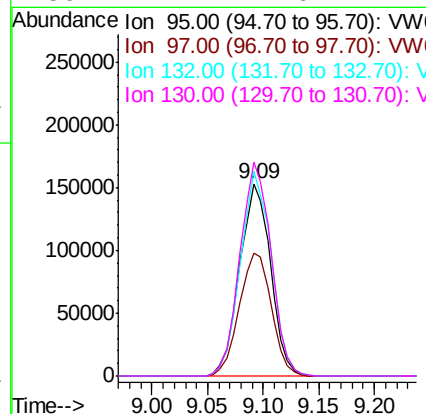
Delta R.T. -0.00 min

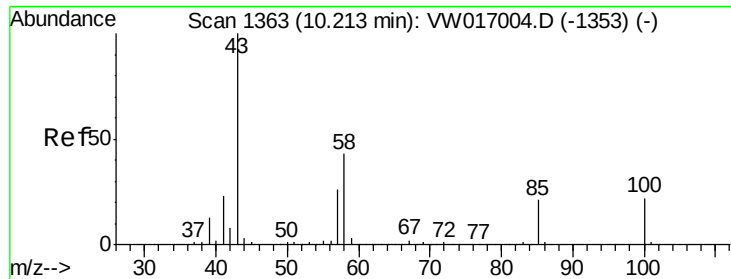
Lab File: VW017012.D

Acq: 28 Oct 2020 15:12

Tgt Ion: 95 Resp: 295691

Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.0	85.4
132	106.3	73.9	137.3
130	111.7	77.6	144.2





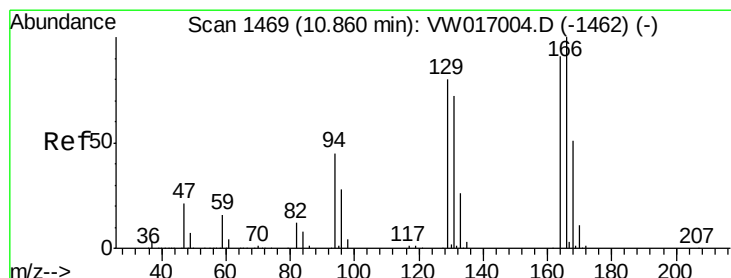
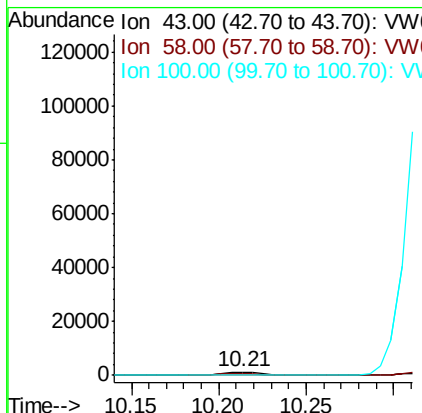
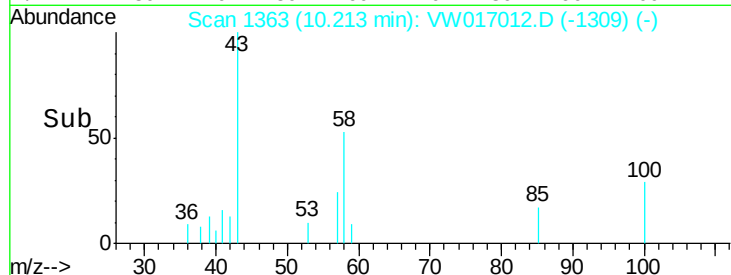
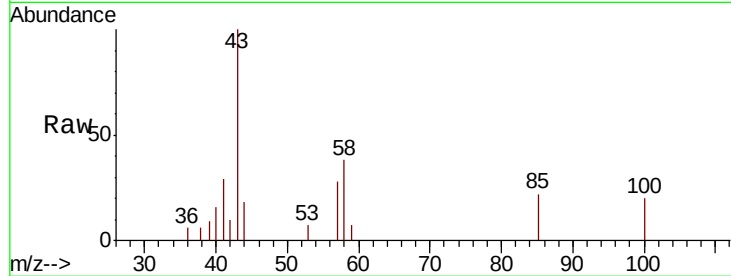
#43
4-Methyl-2-pentanone
Concen: 0.987 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017012.D
Acq: 28 Oct 2020 15:12

Instrument :
MSVOA_W
ClientSampleId :
BG443

Tot Ion: 43 Resp: 2407
Ion Ratio Lower Upper
43 100
58 25.5 34.4 51.6#
100 18.5 16.2 24.2

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#47
Tetrachloroethene
Concen: 1759.592 ug/L
RT: 10.87 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VW017012.D
Acq: 28 Oct 2020 15:12

Tgt Ion: 164 Resp: 10326824
Ion Ratio Lower Upper
164 100
129 90.9 64.0 119.0
131 91.8 61.7 114.5
166 118.5 94.6 175.8

