

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 :

Quant Time: Oct 29 08:09:28 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

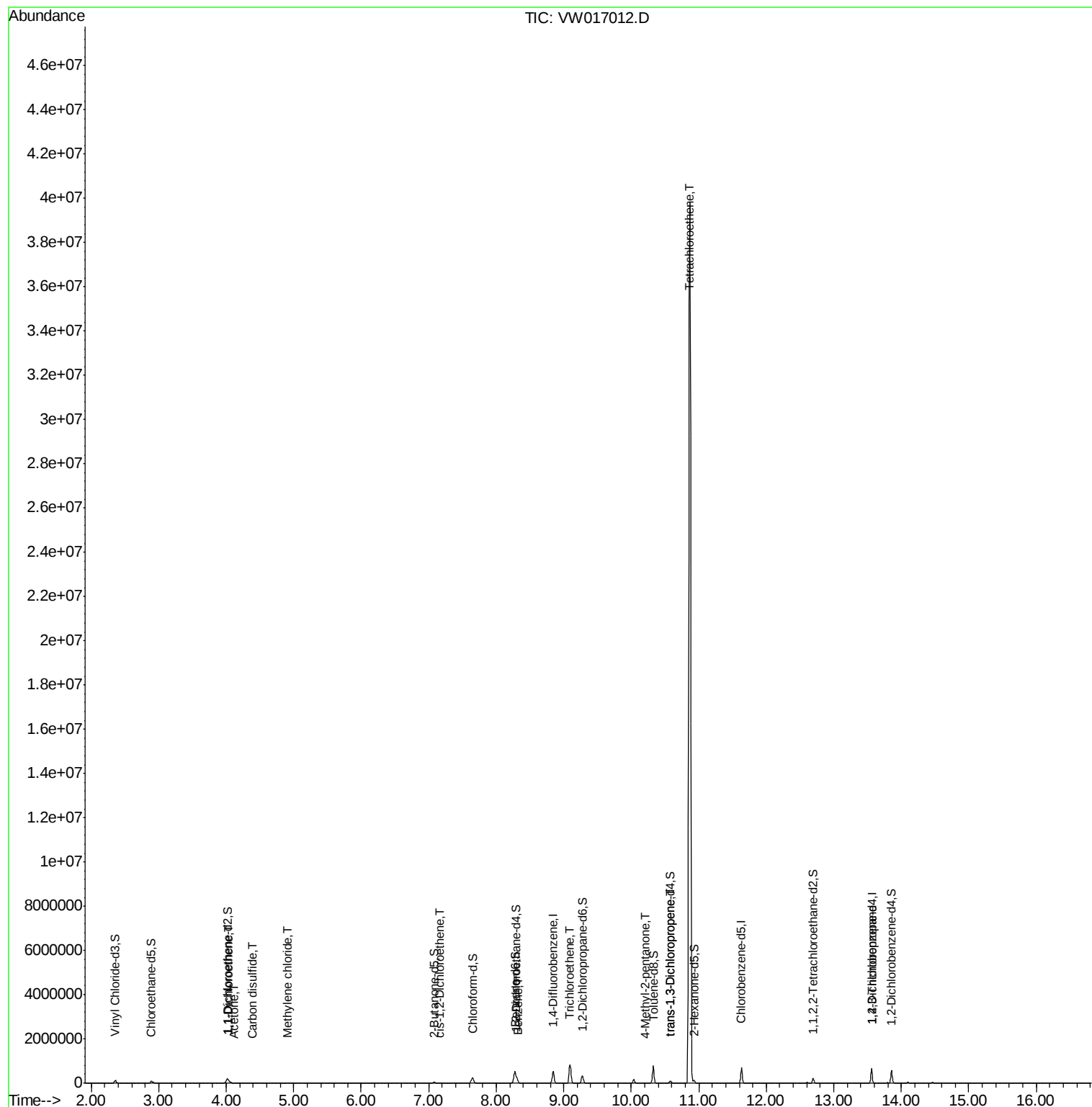
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	3975	0.629	ug/L #	1
13) Acetone	4.12	43	2271	3.218	ug/L	80
14) Carbon disulfide	4.39	76	8508	0.444	ug/L	98
16) Methylene chloride	4.91	84	11043	1.731	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	3417	0.512	ug/L	91
34) 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
45) trans-1,3-Dichloropropene	10.58	75	2549	0.382	ug/L	90
47) Tetrachloroethene	10.87	164	10326824	1759.592	ug/L	93
59) 1,2,3-Trichloropropane	13.56	75	19864	6.280	ug/L	92

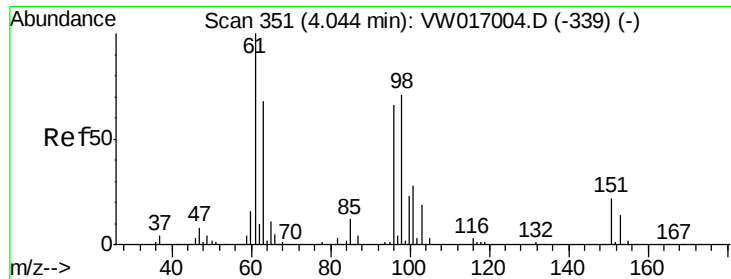
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

Quant Time: Oct 29 08:09:28 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





#12

1,1-Dichloroethene

Concen: 0.629 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW017012.D

Acq: 28 Oct 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

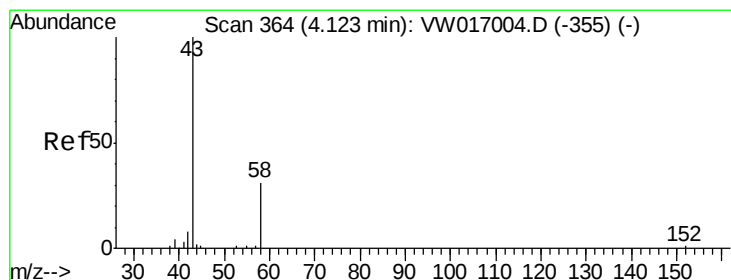
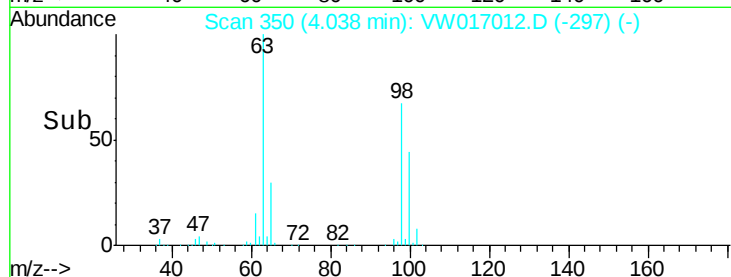
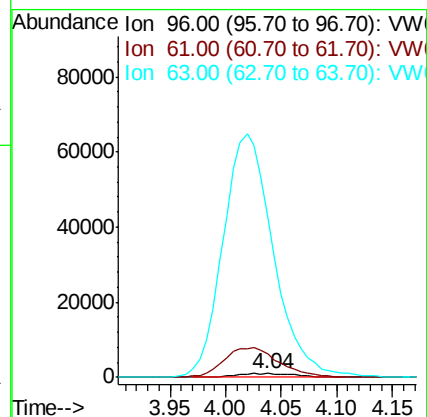
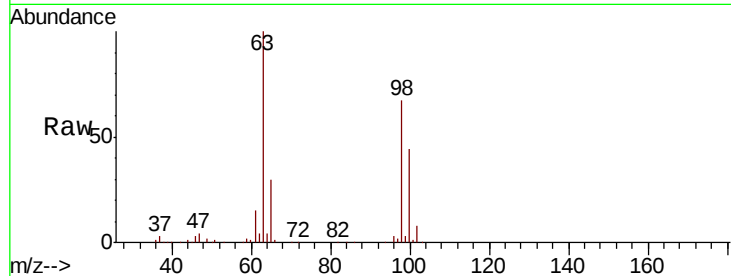
Tot Ion: 96 Resp: 3975

Ion Ratio Lower Upper

96 100

61 570.0 101.4 188.4#

63 3808.4 78.5 145.9#



#13

Acetone

Concen: 3.218 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017012.D

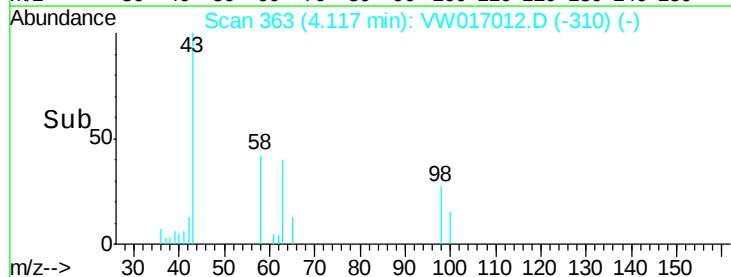
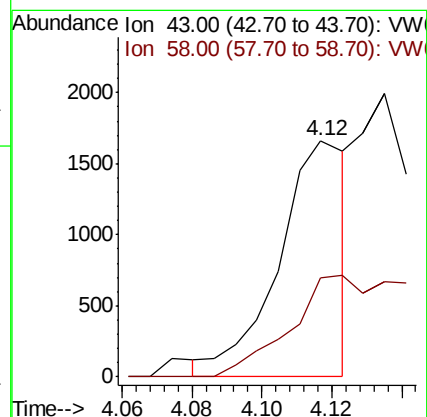
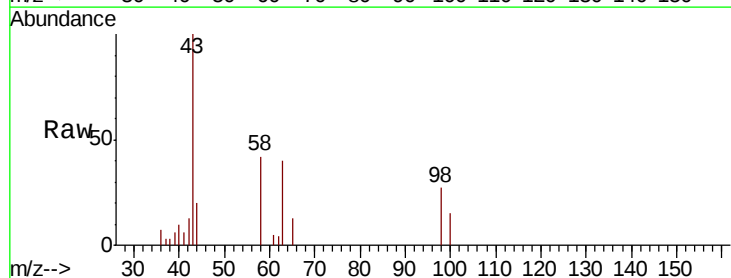
Acq: 28 Oct 2020 15:12

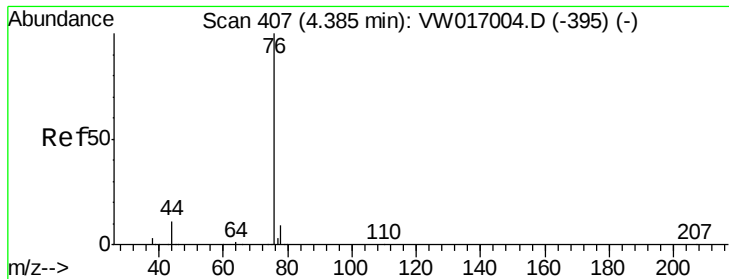
Tgt Ion: 43 Resp: 2271

Ion Ratio Lower Upper

43 100

58 46.7 0.0 69.8





#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

Instrument :

MSVOA_W

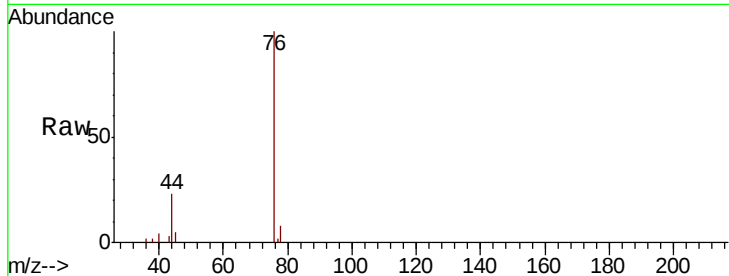
ClientSampled :

Tot Ion: 76 Resp: 8508

Ion Ratio Lower Upper

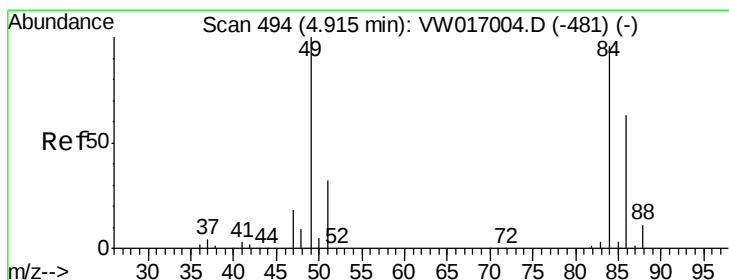
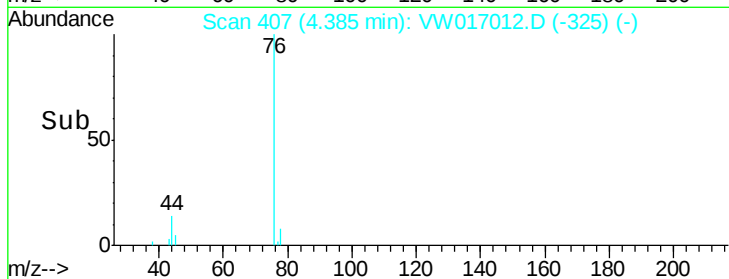
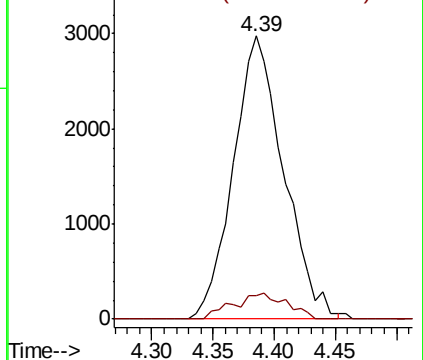
76 100

78 8.2 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: 1.731 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017012.D

Acq: 28 Oct 2020 15:12

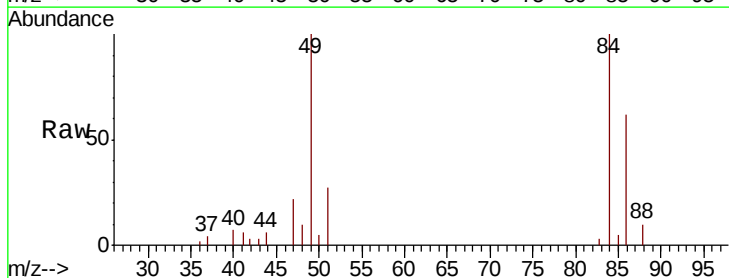
Tgt Ion: 84 Resp: 11043

Ion Ratio Lower Upper

84 100

49 100.3 73.8 137.0

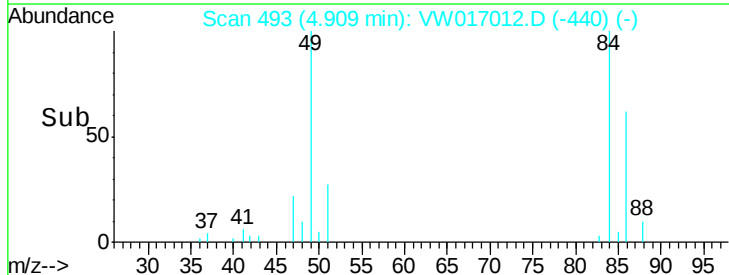
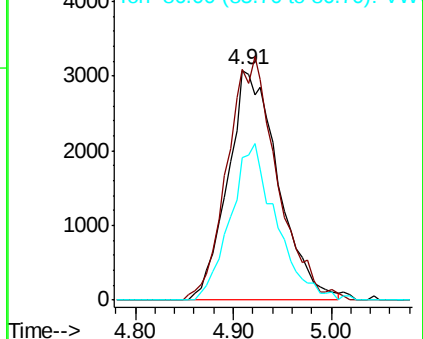
86 62.0 47.4 88.0

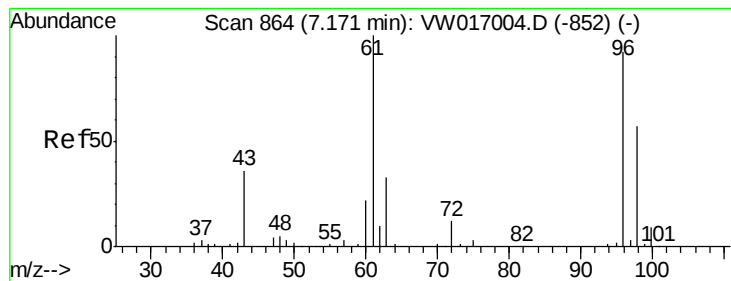


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



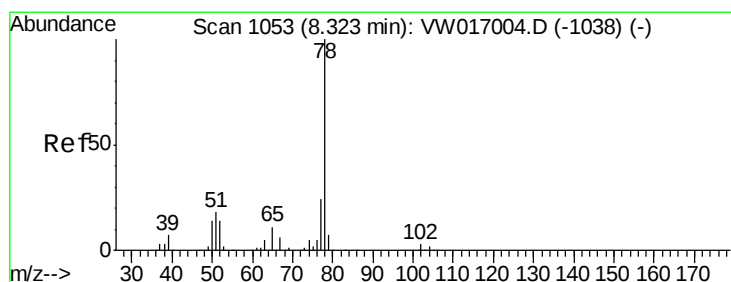
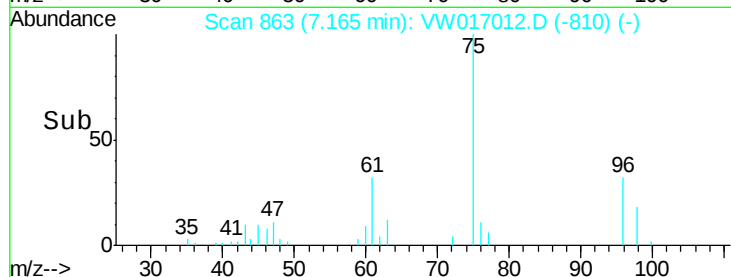
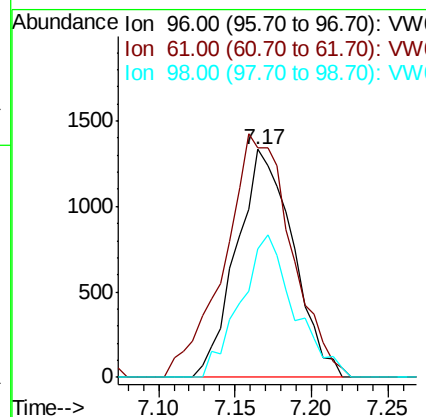
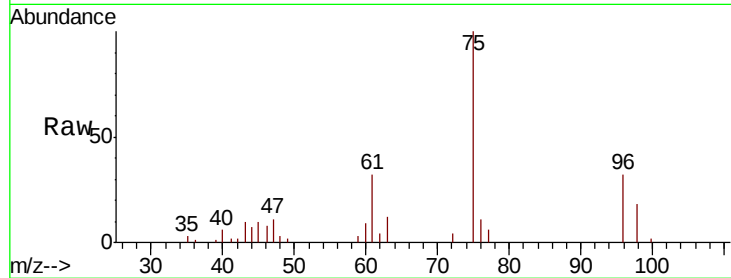


#22

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

Instrument :
MSVOA_W
ClientSampled :

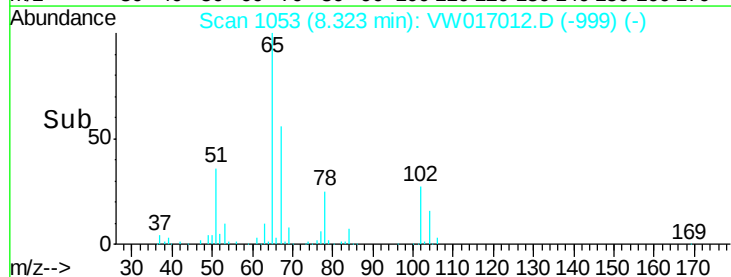
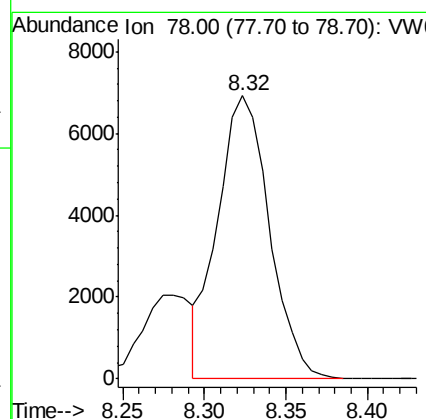
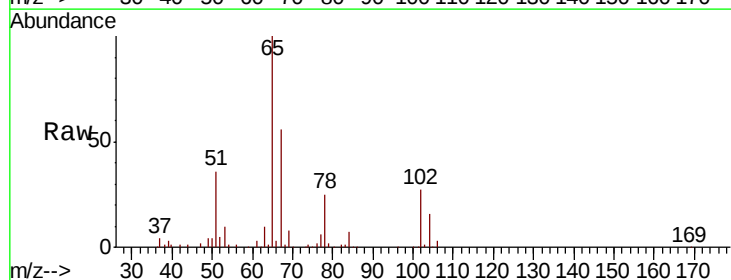
Tot Ion: 96 Resp: 3417
Ion Ratio Lower Upper
96 100
61 100.7 77.4 143.8
98 56.3 44.4 82.5

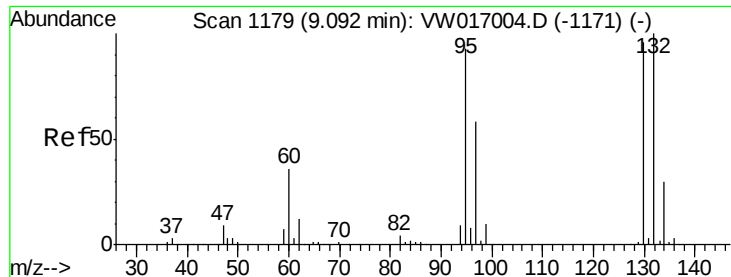


#34

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

Tgt Ion: 78 Resp: 15334

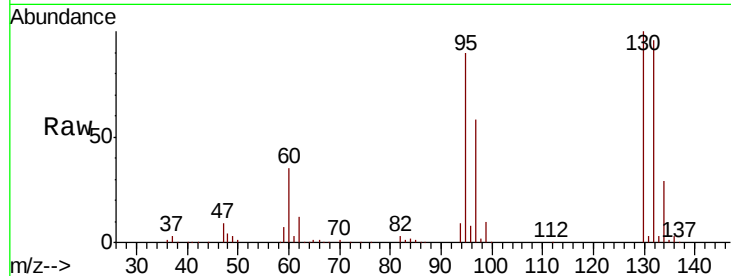




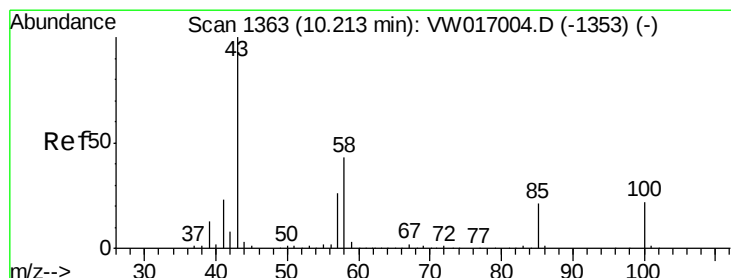
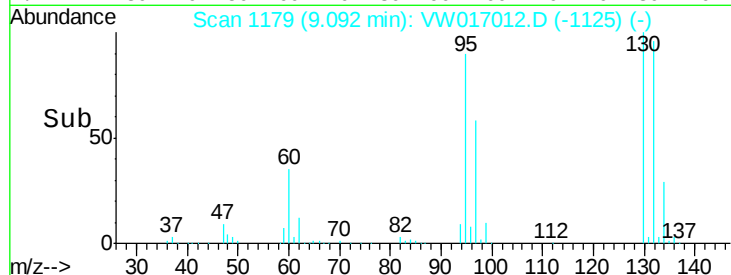
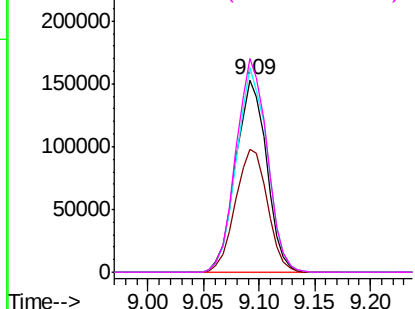
#35
 Trichloroethene
 Concen: 46.346 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW017012.D
 Acq: 28 Oct 2020 15:12

Instrument :
 MSVOA_W
 ClientSampled :

Tot 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

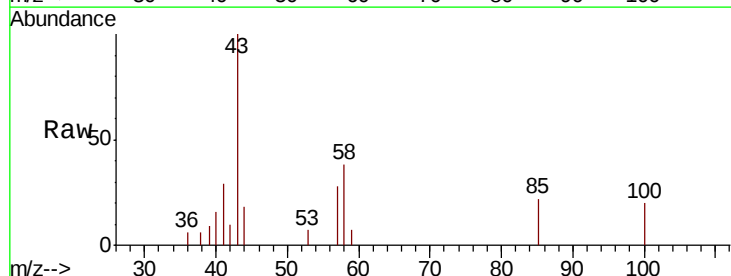


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

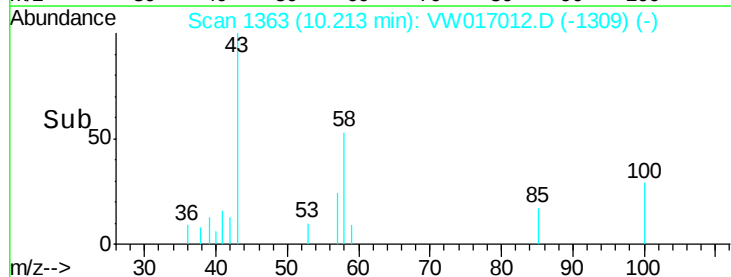
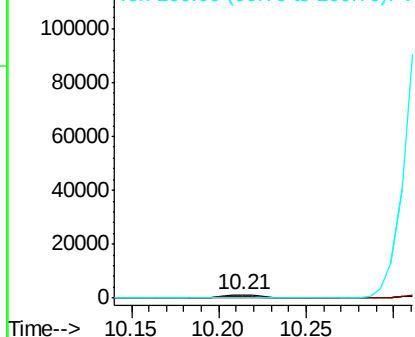


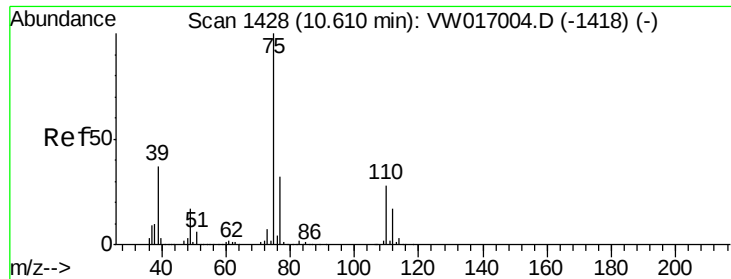
#43
 4-Methyl-2-pentanone
 Concen: 0.987 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017012.D
 Acq: 28 Oct 2020 15:12

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



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW
 Ion 100.00 (99.70 to 100.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.382 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017012.D

Acq: 28 Oct 2020 15:12

Instrument :

MSVOA_W

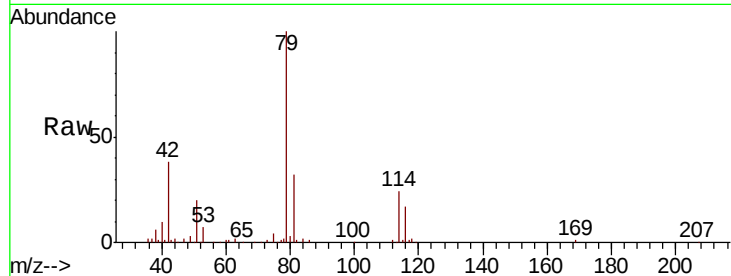
ClientSampleId :

Tot Ion: 75 Resp: 2549

Ion Ratio Lower Upper

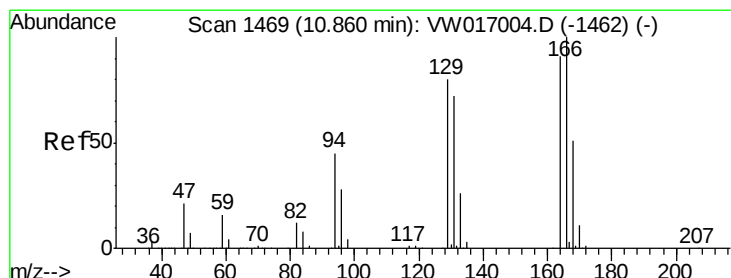
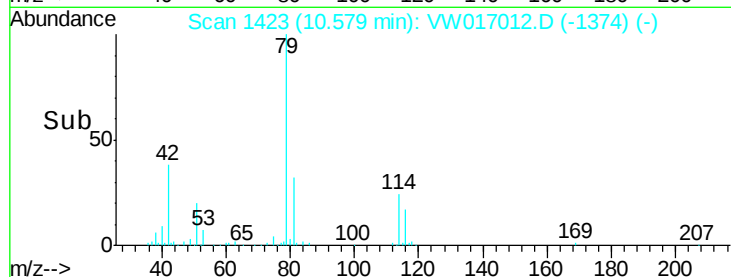
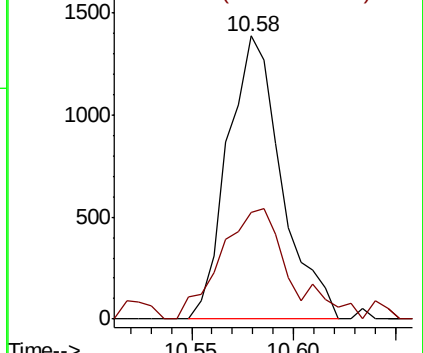
75 100

77 37.9 22.7 42.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#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

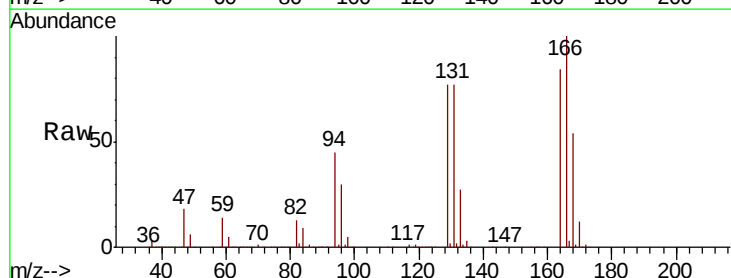
Ion Ratio Lower Upper

164 100

129 90.9 64.0 119.0

131 91.8 61.7 114.5

166 118.5 94.6 175.8

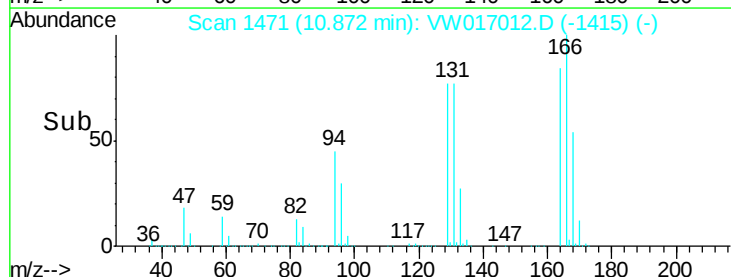
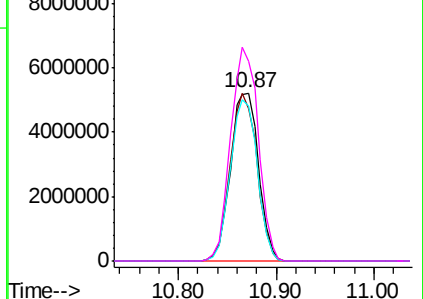


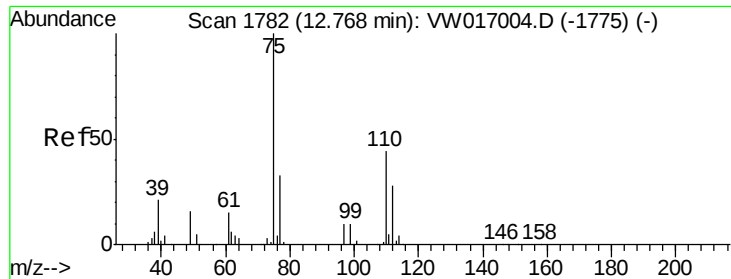
Abundance Ion 164.00 (163.70 to 164.70): V

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





#59

1,2,3-Trichloropropane

Concen: 6.280 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017012.D

Acq: 28 Oct 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 19864

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.8

