

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017313.D
 Acq On : 18 Nov 2020 02:40
 Operator : SY/VA
 Sample : L4738-19
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y6

Quant Time: Nov 18 04:53:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	387683	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365249	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155559	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89748	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	2.89	69	82270	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
10) 1,1-Dichloroethene-d2	4.02	63	128307	14.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.76%
20) 2-Butanone-d5	7.08	46	53312	48.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.64%
24) Chloroform-d	7.65	84	222670	24.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	8.31	65	118922	26.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.72%
29) Benzene-d6	8.27	84	417323	22.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.76%
33) 1,2-Dichloropropane-d6	9.27	67	125554	24.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.60%
37) Toluene-d8	10.33	98	382686	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.28%
38) trans-1,3-Dichloropropene-	10.58	79	49969	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.16%
39) 2-Hexanone-d5	10.93	63	43963	48.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112442	25.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	138723	25.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.24%

Target Compounds

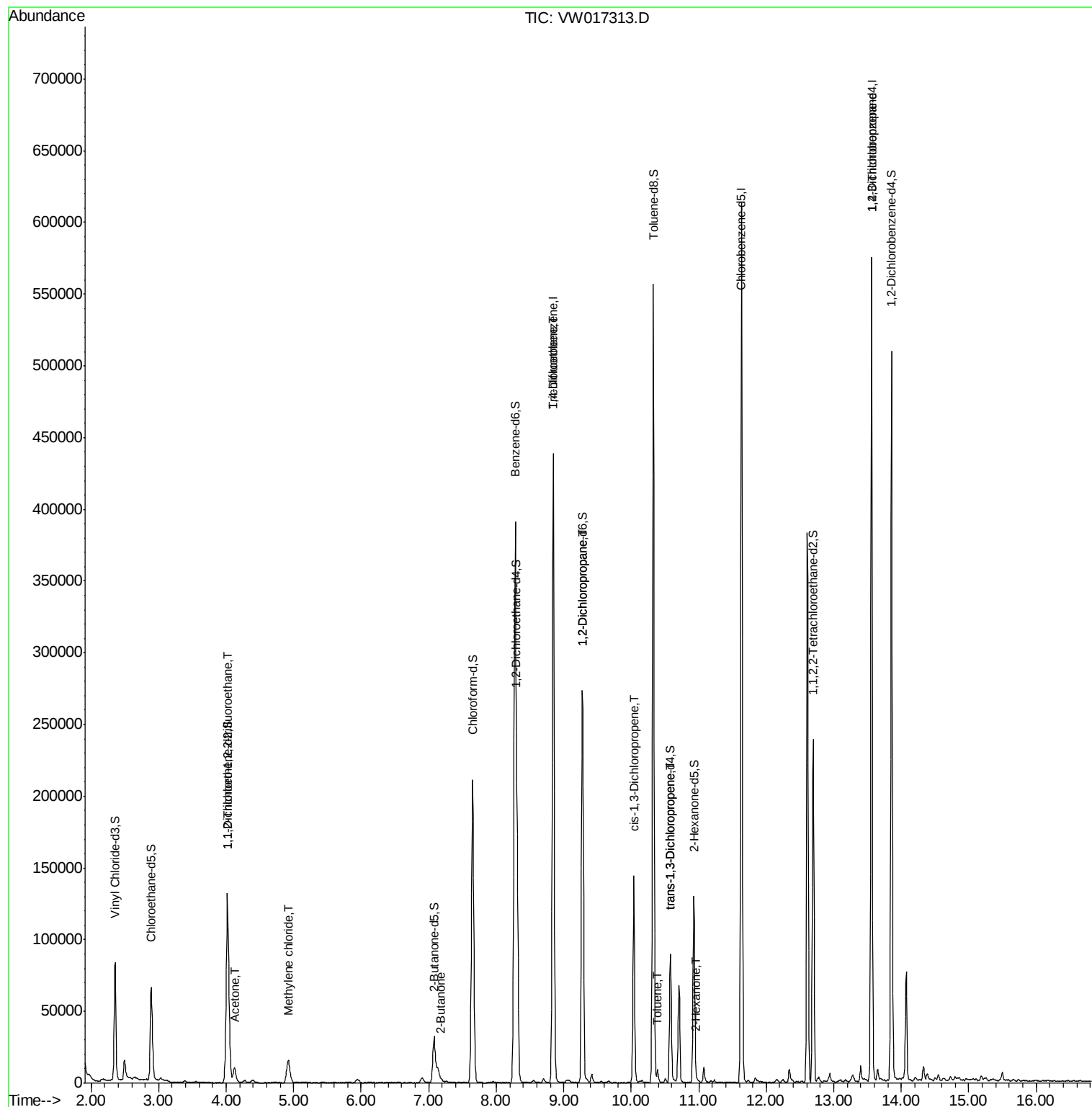
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1297	0.259	ug/L #	17
13) Acetone	4.12	43	18063	24.704	ug/L	99
16) Methylene chloride	4.92	84	7936	1.518	ug/L	86
21) 2-Butanone	7.18	43	3156	2.688	ug/L	84
35) Trichloroethene	8.84	95	10997	2.047	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	14776	3.296	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3934	0.554	ug/L #	69
44) Toluene	10.39	91	6120	0.290	ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	2382	0.391	ug/L	94
49) 2-Hexanone	10.97	43	750	0.450	ug/L #	77
59) 1,2,3-Trichloropropane	13.56	75	16681	5.197	ug/L	90

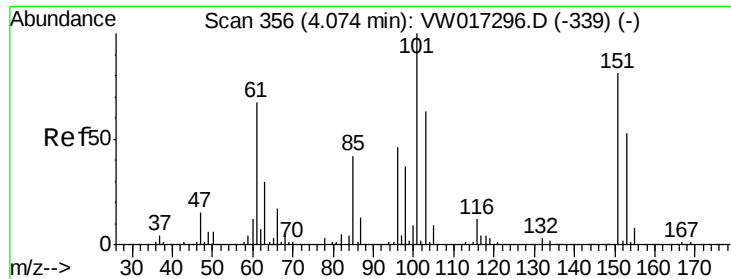
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.259 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017313.D

Acq: 18 Nov 2020 02:40

Instrument :

MSVOA_W

ClientSampleId :

GB0Y6

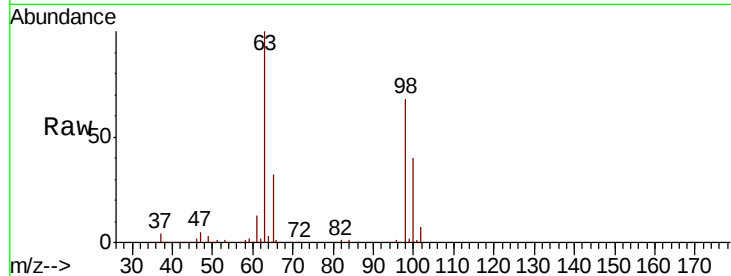
Tot Ion:101 Resp: 1297

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

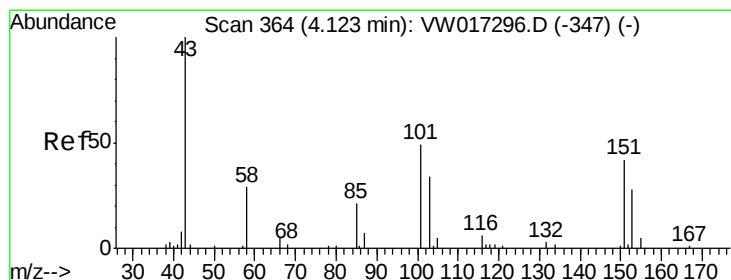
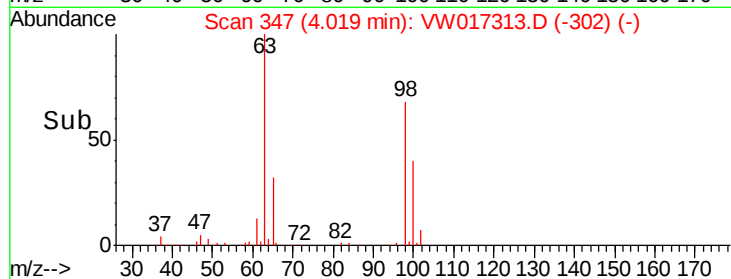
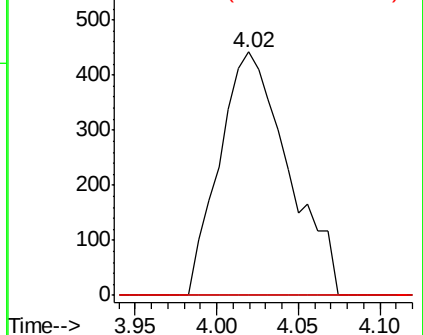
151 0.0 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 24.704 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017313.D

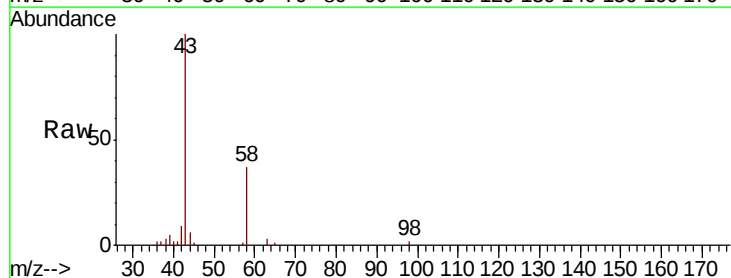
Acq: 18 Nov 2020 02:40

Tgt Ion: 43 Resp: 18063

Ion Ratio Lower Upper

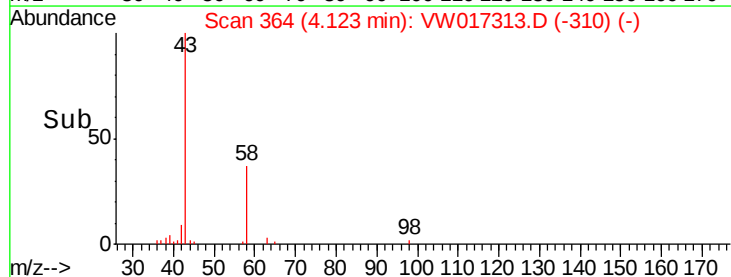
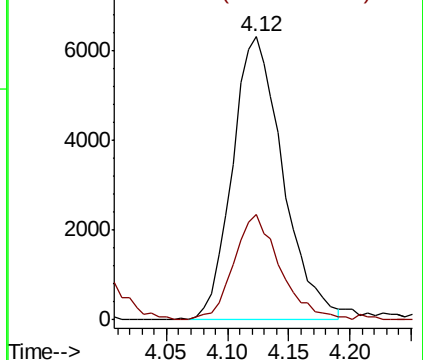
43 100

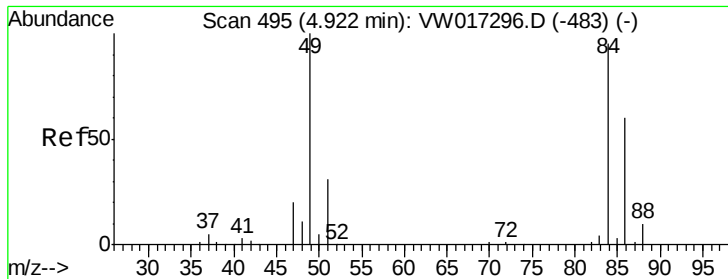
58 34.1 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

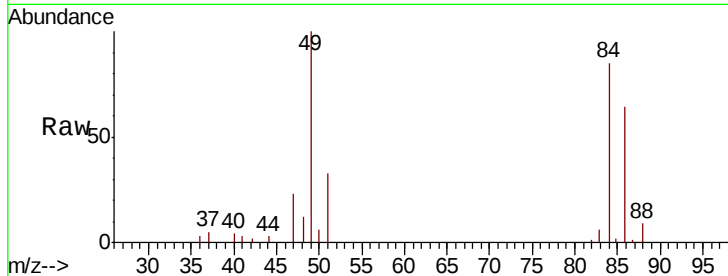




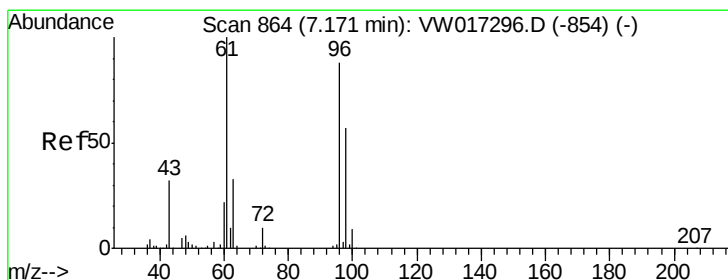
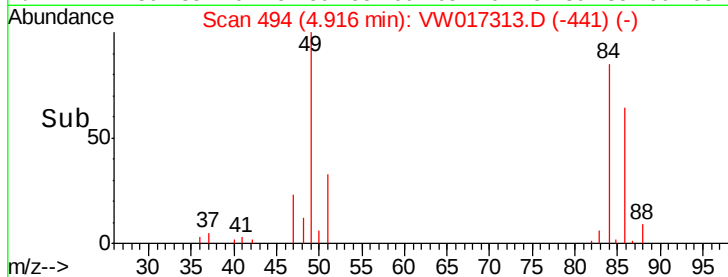
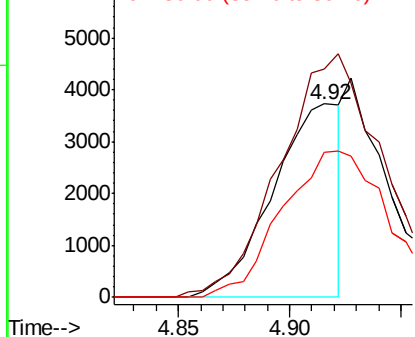
#16
Methvlene chloride
Concen: 1.518 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017313.D
Acq: 18 Nov 2020 02:40

Instrument :
MSVOA_W
ClientSampled :
GB0Y6

Tot Ion: 84 Resp: 7936
Ion Ratio Lower Upper
84 100
49 117.8 72.3 134.3
86 75.1 45.1 83.7

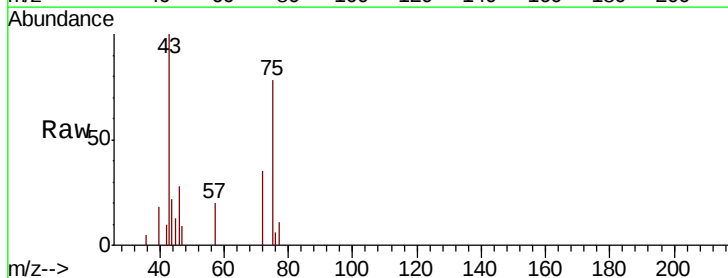


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

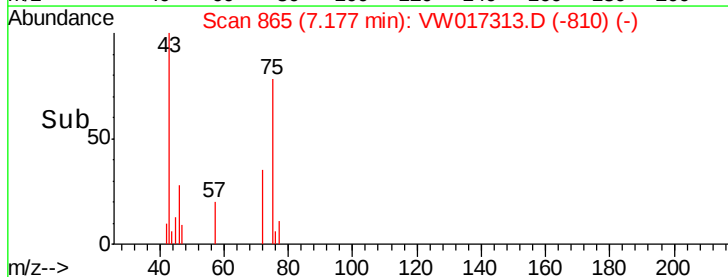
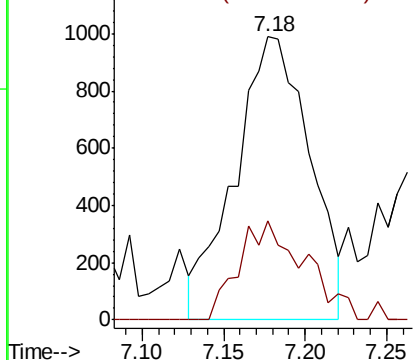


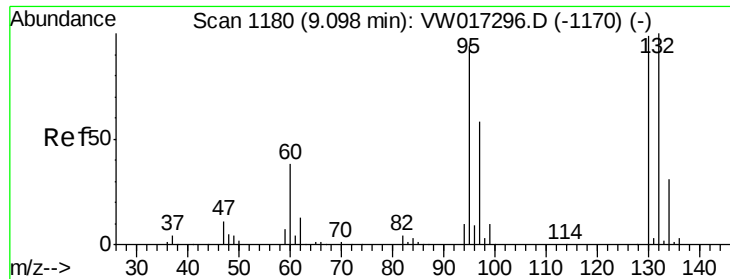
#21
2-Butanone
Concen: 2.688 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW017313.D
Acq: 18 Nov 2020 02:40

Tgt Ion: 43 Resp: 3156
Ion Ratio Lower Upper
43 100
72 23.4 16.1 48.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.047 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW017313.D

Acq: 18 Nov 2020 02:40

Instrument :

MSVOA_W

ClientSampleId :

GB0Y6

Tot Ion: 95 Resp: 10997

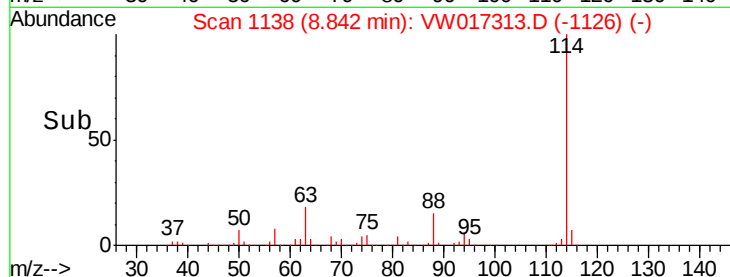
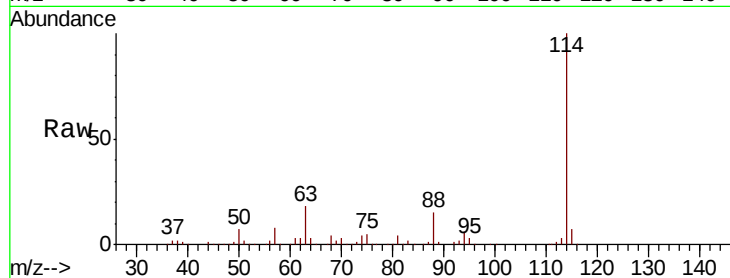
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#

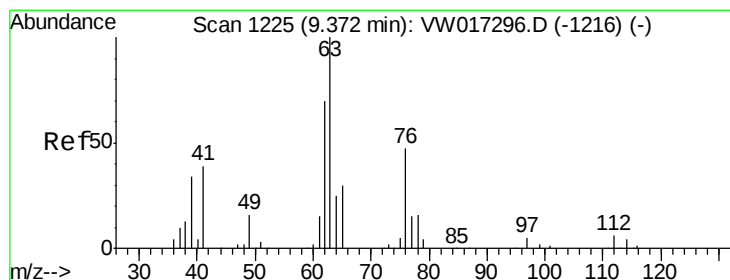
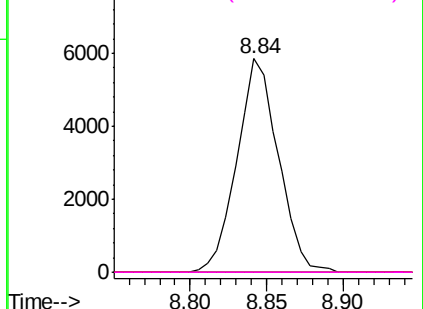


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.296 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017313.D

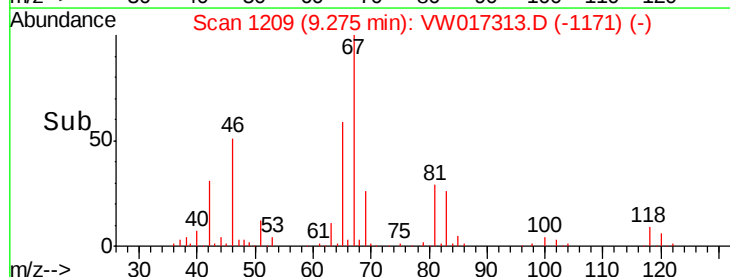
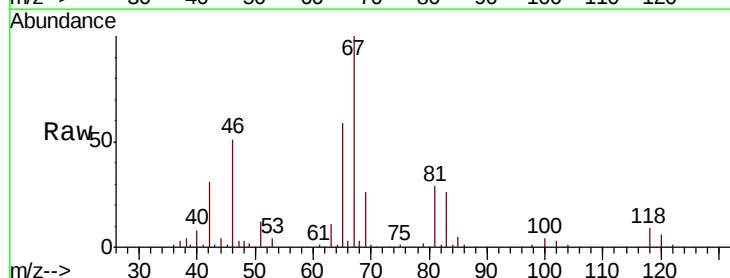
Acq: 18 Nov 2020 02:40

Tgt Ion: 63 Resp: 14776

Ion Ratio Lower Upper

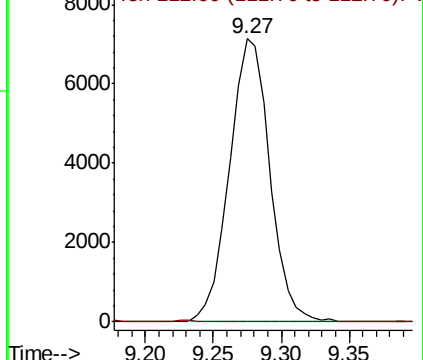
63 100

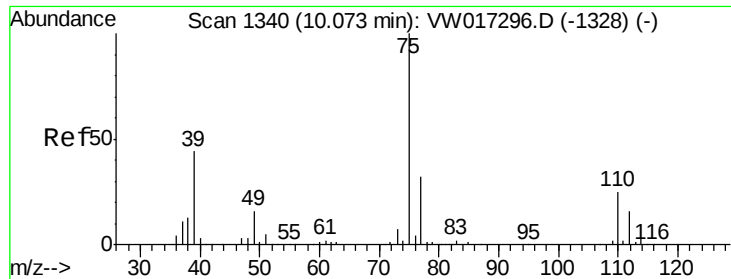
112 0.3 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

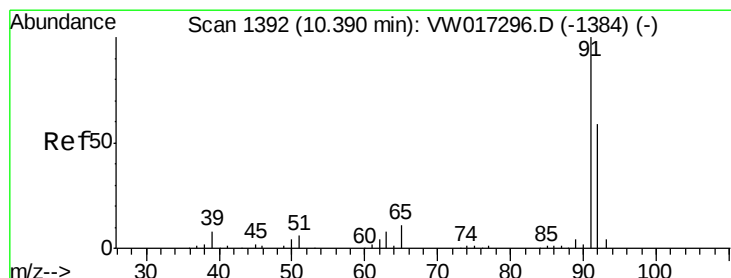
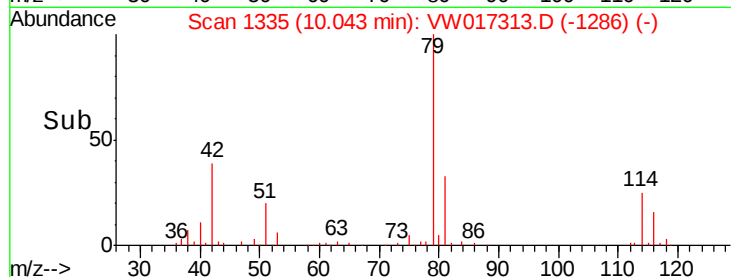
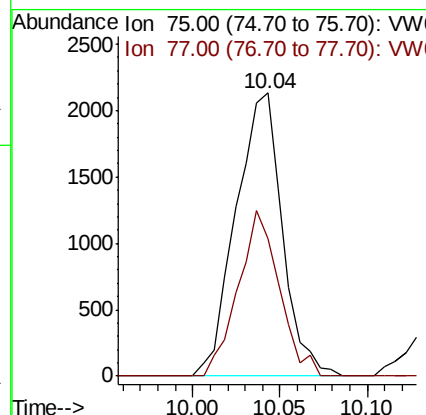
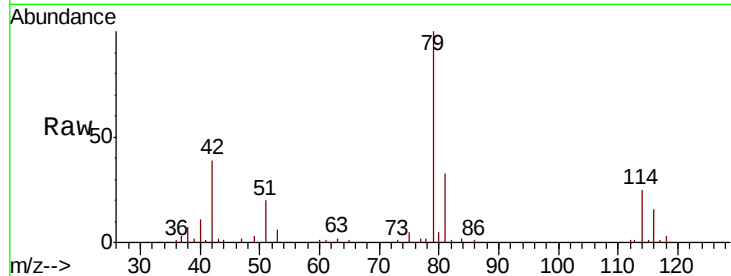




#42
 cis-1,3-Dichloropropene
 Concen: 0.554 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW017313.D
 Acq: 18 Nov 2020 02:40

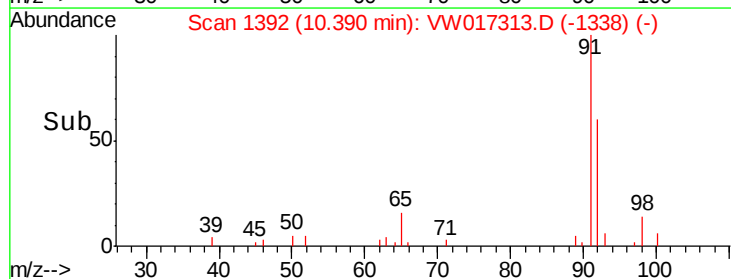
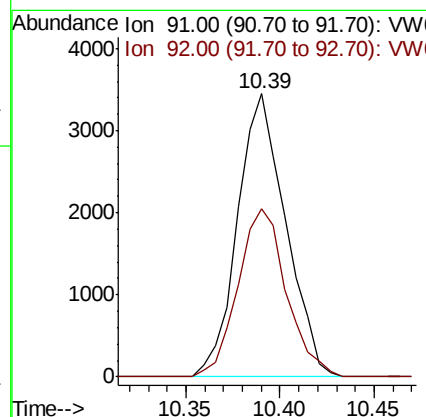
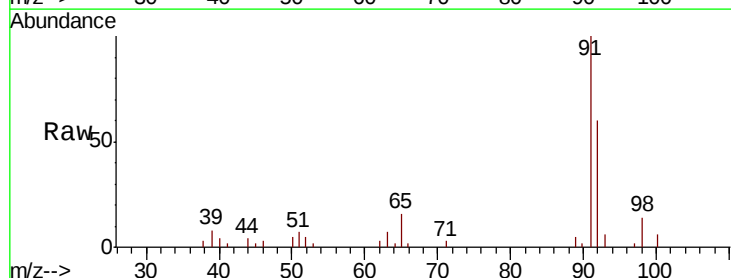
Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y6

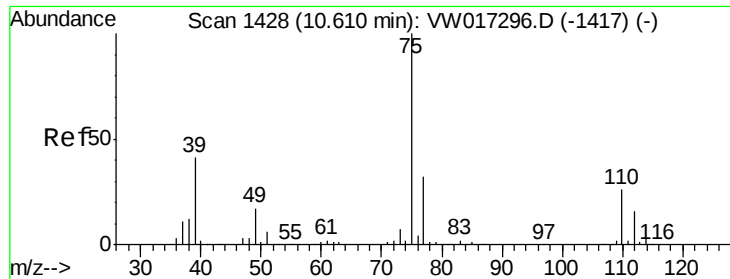
Tot Ion: 75 Resp: 3934
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.0 41.0#



#44
 Toluene
 Concen: 0.290 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW017313.D
 Acq: 18 Nov 2020 02:40

Tgt Ion: 91 Resp: 6120
 Ion Ratio Lower Upper
 91 100
 92 59.6 41.4 76.8





#45

trans-1,3-Dichloropropene

Concen: 0.391 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017313.D

Acq: 18 Nov 2020 02:40

Instrument :

MSVOA_W

ClientSampleId :

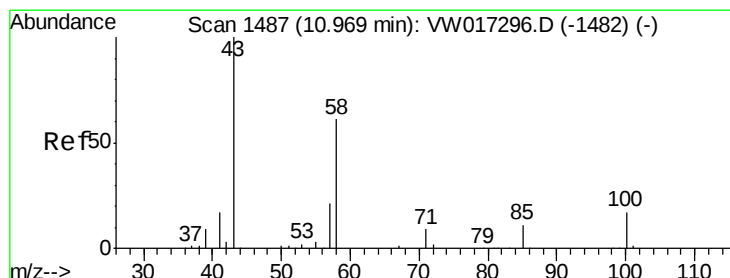
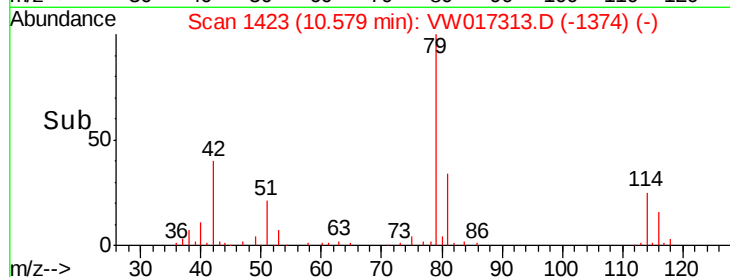
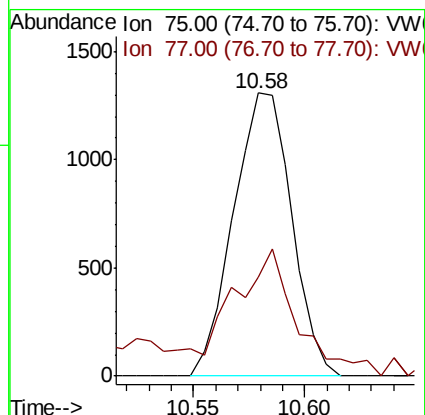
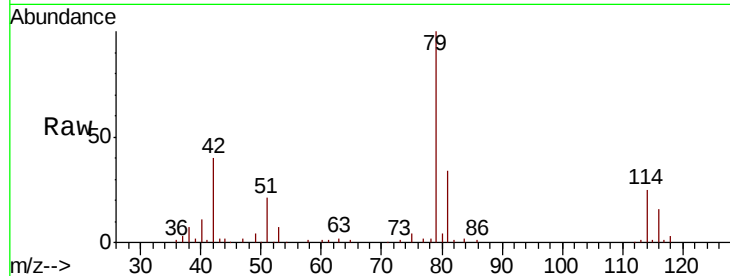
GB0Y6

Tot Ion: 75 Resp: 2382

Ion Ratio Lower Upper

75 100

77 34.9 22.1 41.1



#49

2-Hexanone

Concen: 0.450 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017313.D

Acq: 18 Nov 2020 02:40

Tgt Ion: 43 Resp: 750

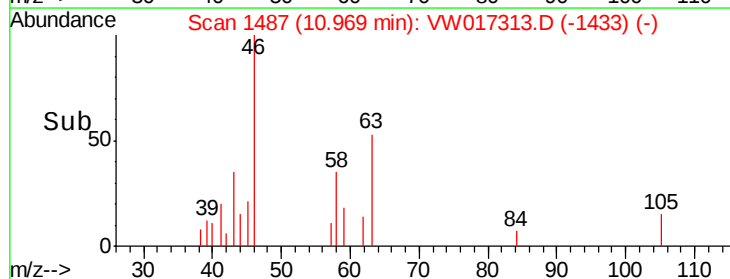
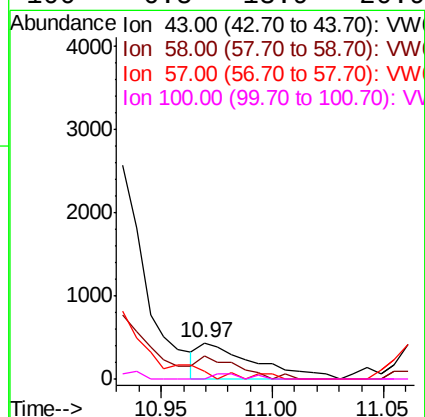
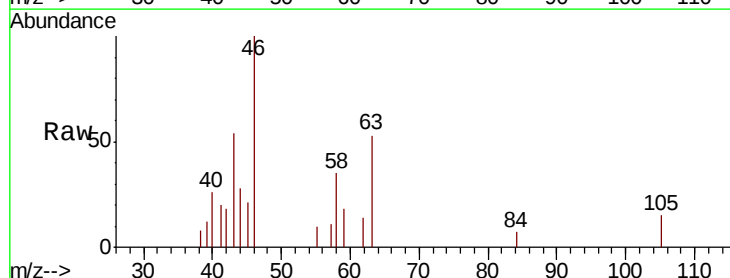
Ion Ratio Lower Upper

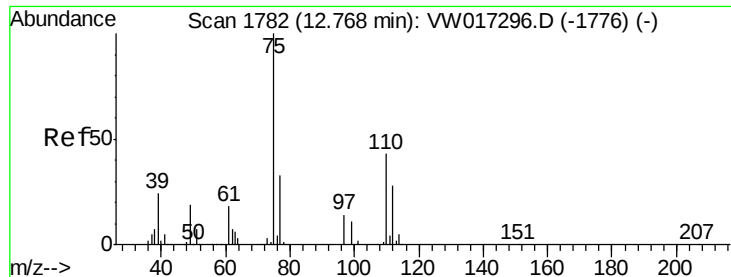
43 100

58 49.5 50.6 75.8#

57 3.9 17.8 26.6#

100 6.5 13.9 20.9#





#59

1,2,3-Trichloropropane

Concen: 5.197 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017313.D

Acq: 18 Nov 2020 02:40

Instrument :

MSVOA_W

ClientSampleId :

GB0Y6

Tot Ion: 75 Resp: 16681

Ion Ratio Lower Upper

75 100

77 38.4 26.4 39.6

