

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017291.D
 Acq On : 17 Nov 2020 17:08
 Operator : SY/VA
 Sample : L4749-04
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BF7

Quant Time: Nov 18 02:17:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	389641	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333984	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128511	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93486	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.20%
7) Chloroethane-d5	2.90	69	83614	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
10) 1,1-Dichloroethene-d2	4.02	63	135896	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.09	46	31067	28.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.62%
24) Chloroform-d	7.65	84	210329	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	8.31	65	101190	22.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.52%
29) Benzene-d6	8.28	84	391468	23.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.08%
33) 1,2-Dichloropropane-d6	9.27	67	110655	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.08%
37) Toluene-d8	10.33	98	356075	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
38) trans-1,3-Dichloropropene-	10.58	79	34351	16.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.80%
39) 2-Hexanone-d5	10.93	63	22780	27.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78815	19.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	108262	23.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.64%

Target Compounds

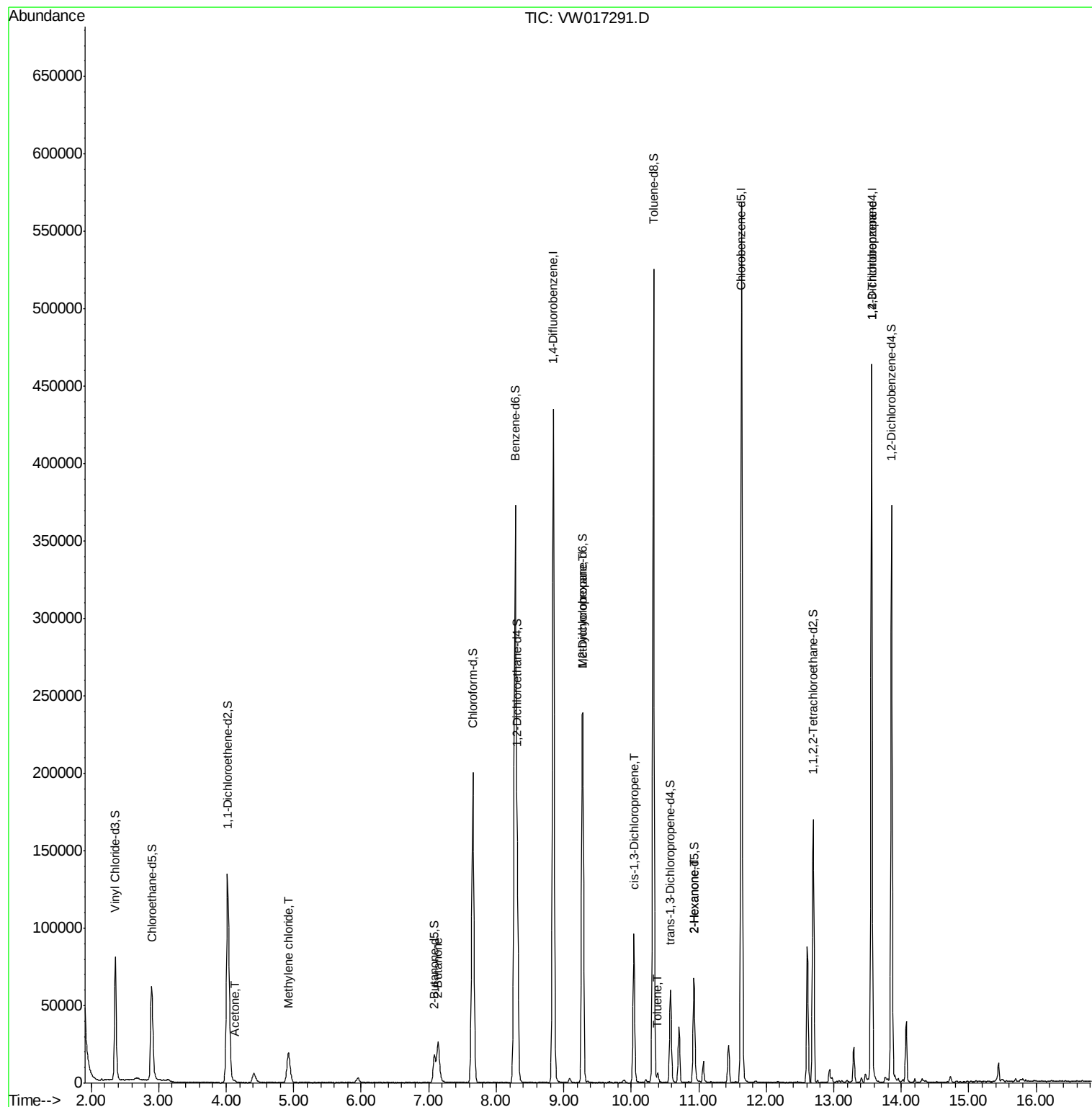
					Ovalue
13) Acetone	4.14	43	1093	1.487 ug/L	82
16) Methylene chloride	4.93	84	16947	3.226 ug/L	99
21) 2-Butanone	7.15	43	3528	2.990 ug/L #	45
36) Methylcyclohexane	9.28	83	29288	3.705 ug/L #	22
42) cis-1,3-Dichloropropene	10.03	75	1849	0.285 ug/L #	83
44) Toluene	10.39	91	4969	0.257 ug/L	83
49) 2-Hexanone	10.93	43	3642	2.388 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	13534	4.611 ug/L	92

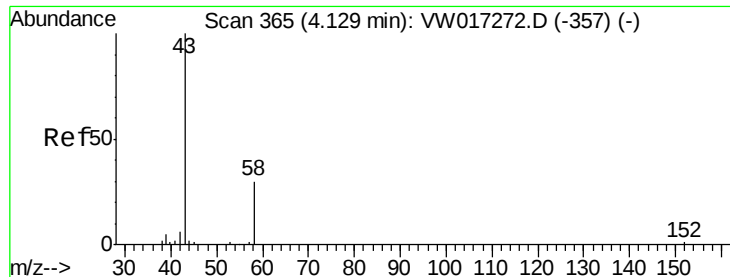
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Time: Nov 18 02:17:35 2020
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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.487 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017291.D

Acq: 17 Nov 2020 17:08

Instrument :

MSVOA_W

ClientSampled :

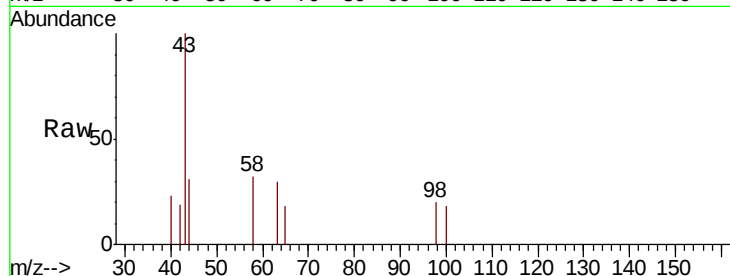
C0BF7

Tot Ion: 43 Resp: 1093

Ion Ratio Lower Upper

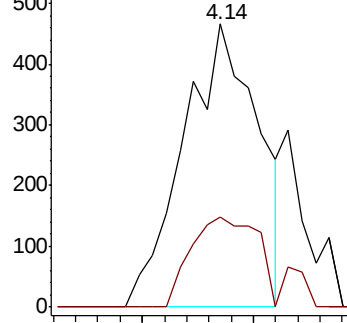
43 100

58 24.2 0.0 69.2

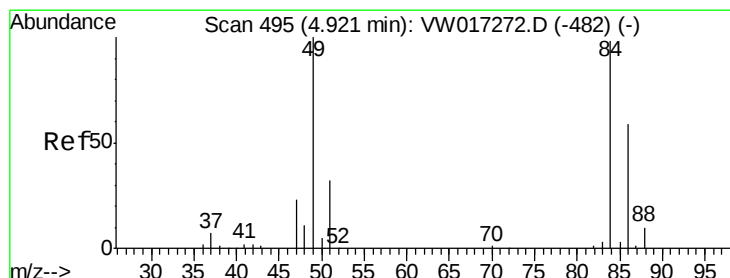
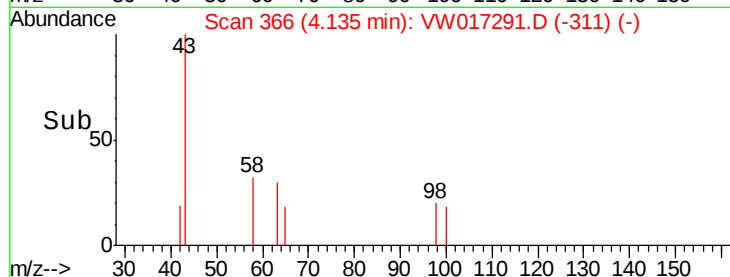


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 3.226 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017291.D

Acq: 17 Nov 2020 17:08

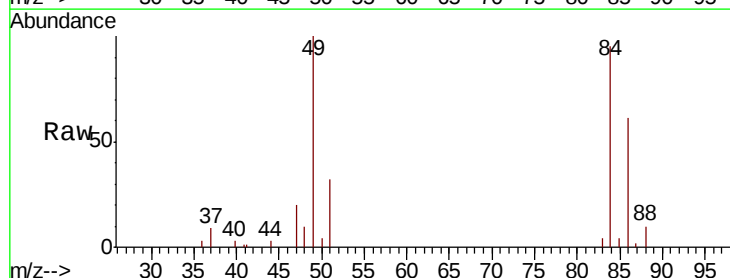
Tgt Ion: 84 Resp: 16947

Ion Ratio Lower Upper

84 100

49 105.0 72.3 134.3

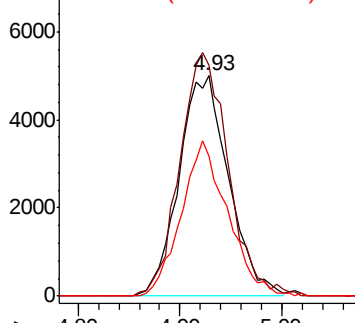
86 63.7 45.1 83.7



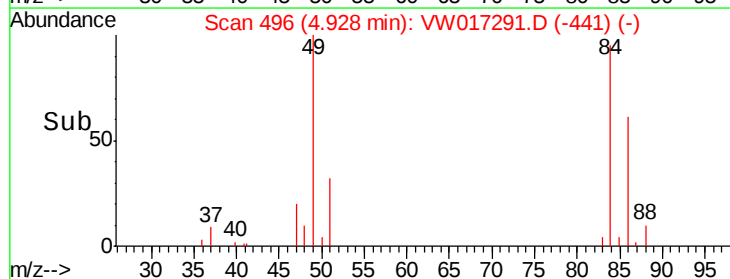
Abundance Ion 84.00 (83.70 to 84.70): VW

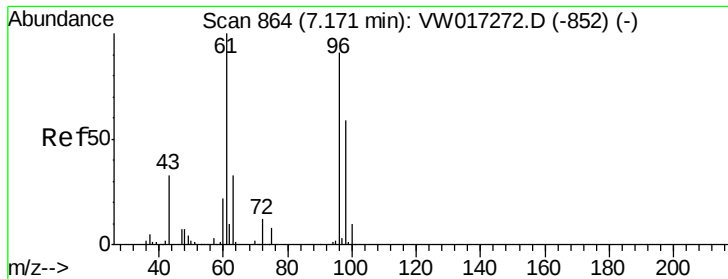
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->





#21

2-Butanone

Concen: 2.990 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW017291.D

Acq: 17 Nov 2020 17:08

Instrument :

MSVOA_W

ClientSampled :

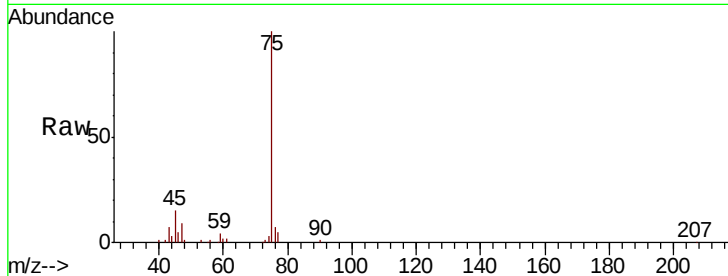
C0BF7

Tot Ion: 43 Resp: 3528

Ion Ratio Lower Upper

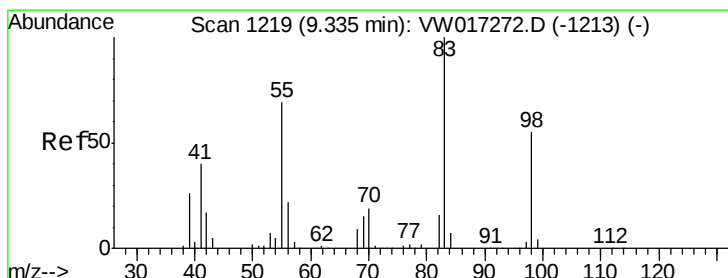
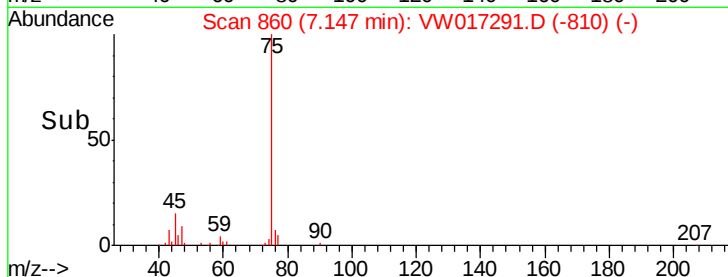
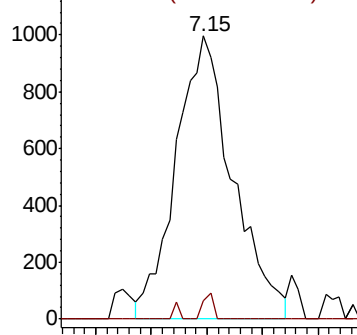
43 100

72 1.6 16.1 48.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#36

Methylcyclohexane

Concen: 3.705 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW017291.D

Acq: 17 Nov 2020 17:08

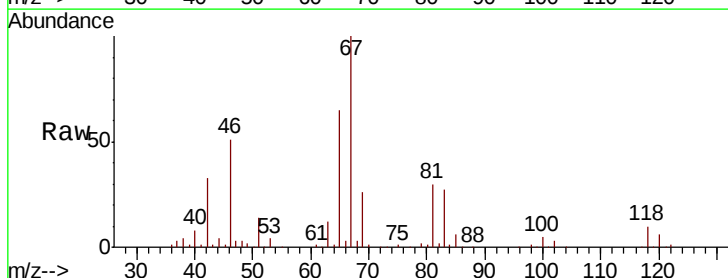
Tgt Ion: 83 Resp: 29288

Ion Ratio Lower Upper

83 100

55 0.3 54.4 81.6#

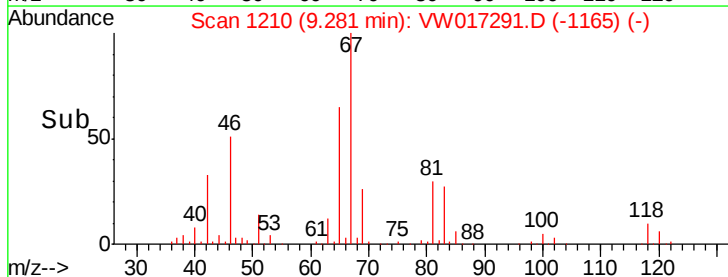
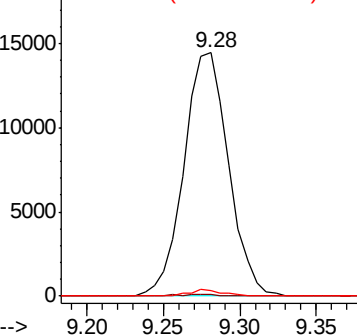
98 2.1 40.5 60.7#

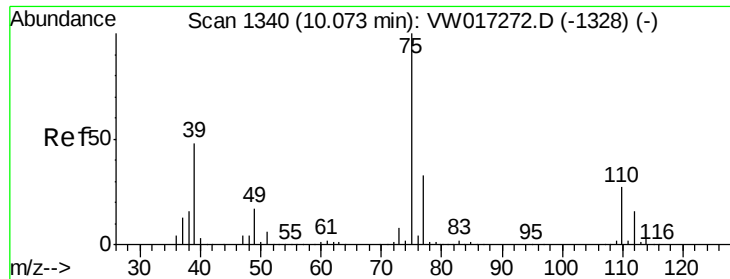


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

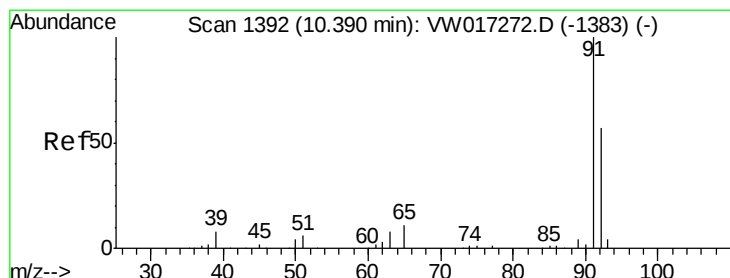
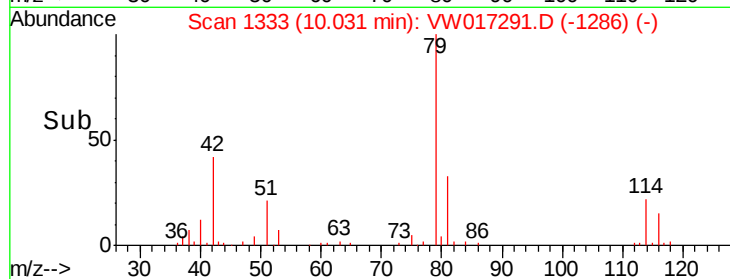
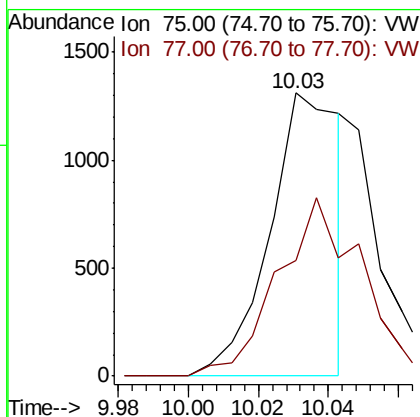
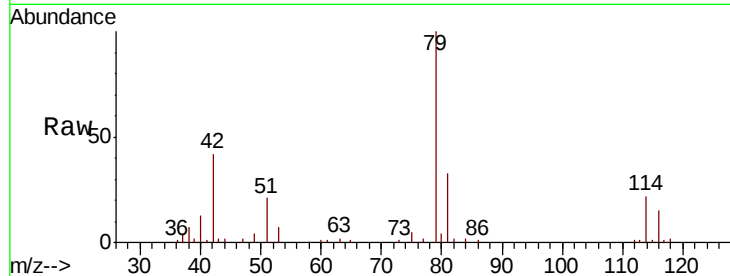




#42
 cis-1,3-Dichloropropene
 Concen: 0.285 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW017291.D
 Acq: 17 Nov 2020 17:08

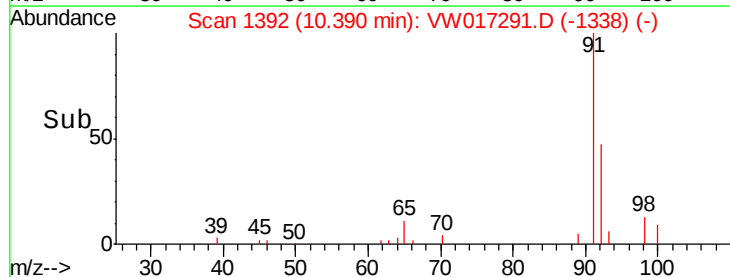
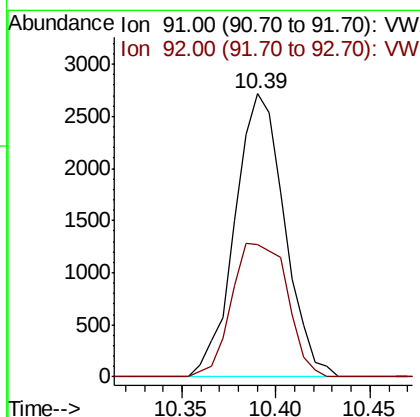
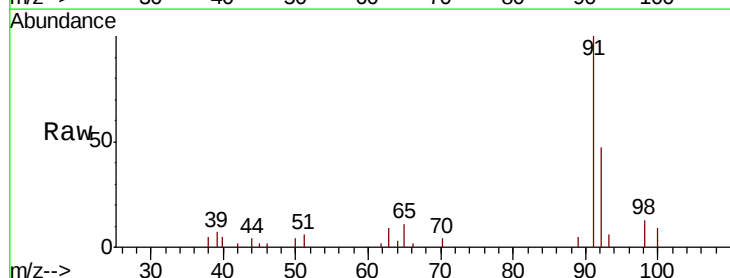
Instrument :
 MSVOA_W
 ClientSampled :
 C0BF7

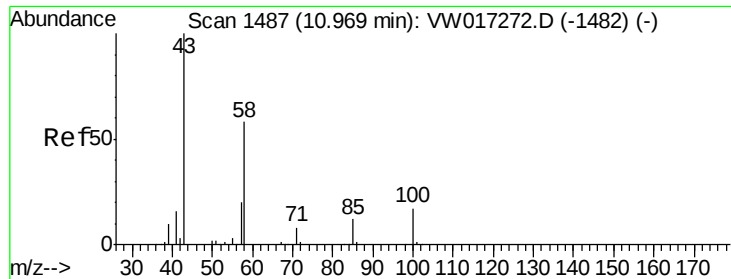
Tot Ion: 75 Resp: 1849
 Ion Ratio Lower Upper
 75 100
 77 41.0 22.0 41.0#



#44
 Toluene
 Concen: 0.257 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW017291.D
 Acq: 17 Nov 2020 17:08

Tgt Ion: 91 Resp: 4969
 Ion Ratio Lower Upper
 91 100
 92 46.7 41.4 76.8





#49

2-Hexanone

Concen: 2.388 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017291.D

Acq: 17 Nov 2020 17:08

Instrument :

MSVOA_W

ClientSampleId :

C0BF7

Tot Ion: 43 Resp: 3642

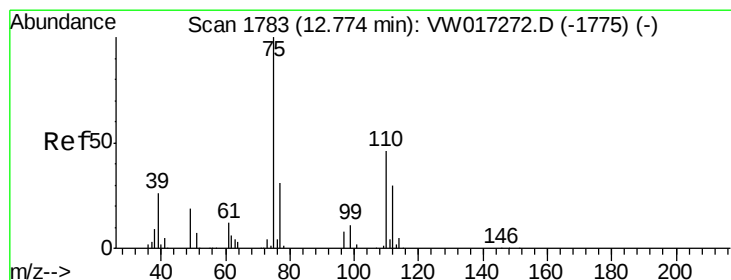
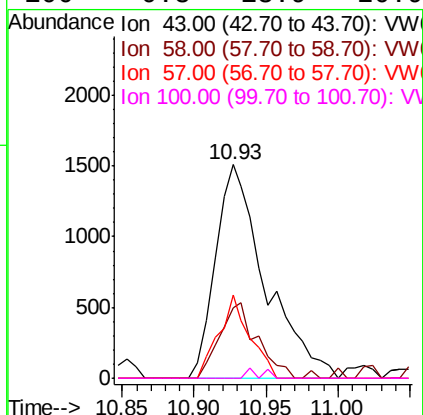
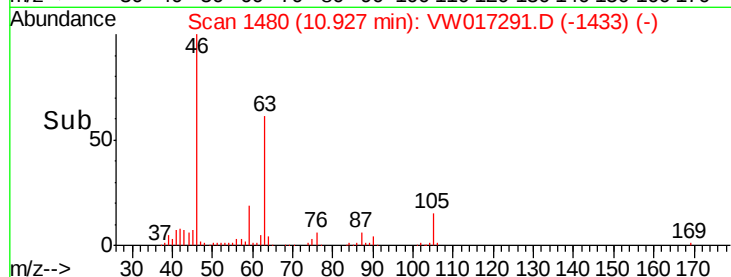
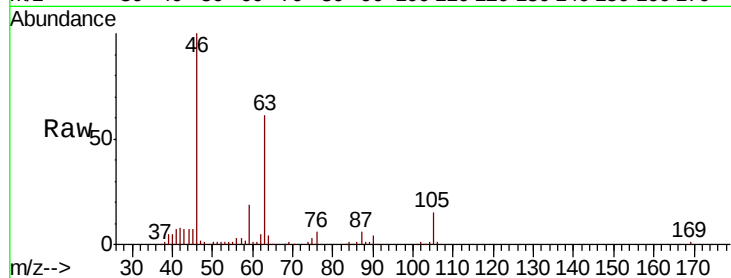
Ion Ratio Lower Upper

43 100

58 26.5 50.6 75.8#

57 24.3 17.8 26.6

100 0.8 13.9 20.9#



#59

1,2,3-Trichloropropane

Concen: 4.611 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017291.D

Acq: 17 Nov 2020 17:08

Tgt Ion: 75 Resp: 13534

Ion Ratio Lower Upper

75 100

77 37.5 26.4 39.6

