

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017290.D
 Acq On : 17 Nov 2020 16:44
 Operator : SY/VA
 Sample : L4749-01
 Misc : 5.86G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B11

Quant Time: Nov 18 02:17:27 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	410205	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	353642	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140324	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90982	17.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.44%
7) Chloroethane-d5	2.89	69	81664	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
10) 1,1-Dichloroethene-d2	4.02	63	137960	14.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.72%
20) 2-Butanone-d5	7.08	46	34973	30.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.54%
24) Chloroform-d	7.65	84	213530	22.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	8.31	65	107958	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.72%
29) Benzene-d6	8.28	84	406262	22.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.24%
33) 1,2-Dichloropropane-d6	9.28	67	114531	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.96%
37) Toluene-d8	10.32	98	375577	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.48%
38) trans-1,3-Dichloropropene-	10.58	79	38185	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.00%
39) 2-Hexanone-d5	10.93	63	27240	31.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86705	19.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	119125	24.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.40%

Target Compounds

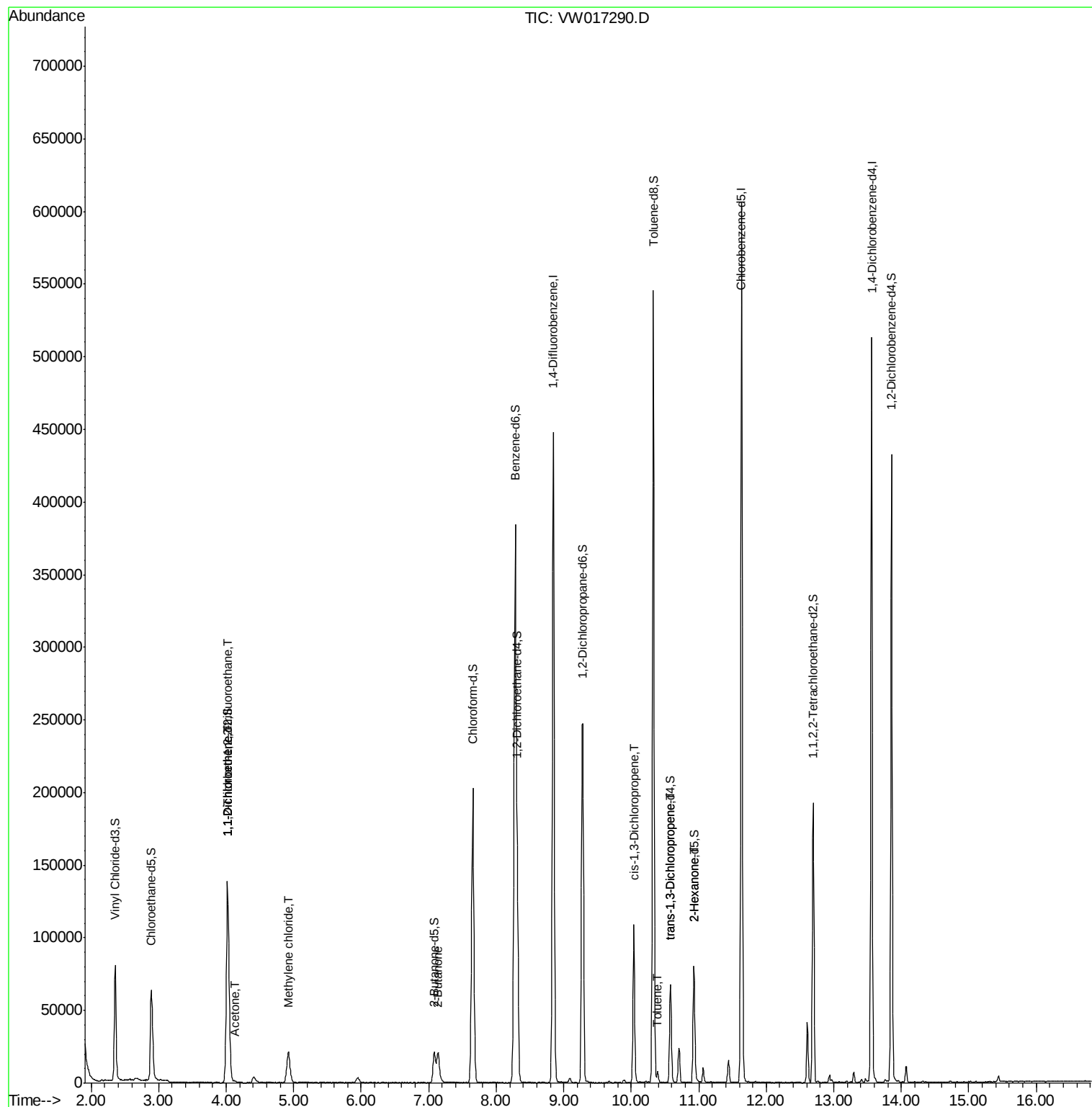
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1347	0.254	ug/L #	17
12) 1,1-Dichloroethene	4.03	96	1619	0.318	ug/L #	1
13) Acetone	4.14	43	531	0.686	ug/L	67
16) Methylene chloride	4.93	84	18732	3.387	ug/L	96
21) 2-Butanone	7.13	43	1029	0.828	ug/L #	61
42) cis-1,3-Dichloropropene	10.04	75	3013	0.438	ug/L #	60
44) Toluene	10.39	91	5191	0.254	ug/L	97
45) trans-1,3-Dichloropropene	10.59	75	1725	0.292	ug/L #	79
49) 2-Hexanone	10.93	43	4217	2.612	ug/L #	58

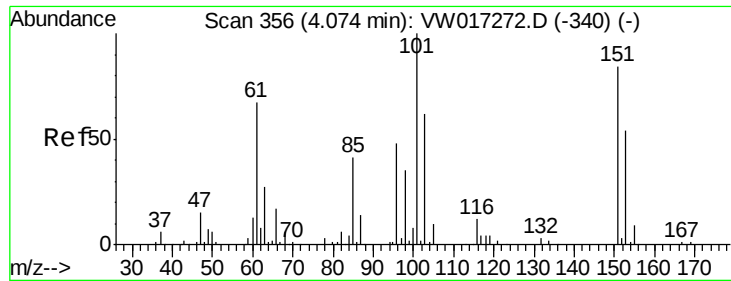
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
Data File : VW017290.D
Acq On : 17 Nov 2020 16:44
Operator : SY/VA
Sample : L4749-01
Misc : 5.86G/10ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B11

Quant Time: Nov 18 02:17:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration





#11

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

Concen: 0.254 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017290.D

Acq: 17 Nov 2020 16:44

Instrument :

MSVOA_W

ClientSampleId :

C0B11

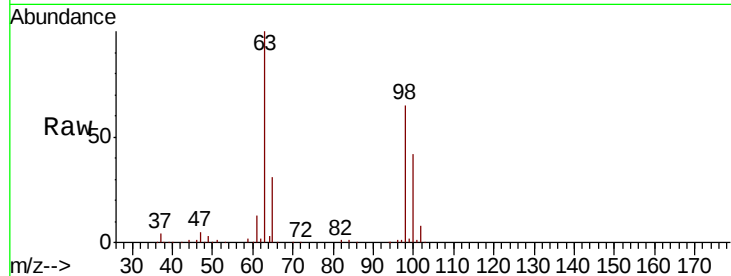
Tot Ion:101 Resp: 1347

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

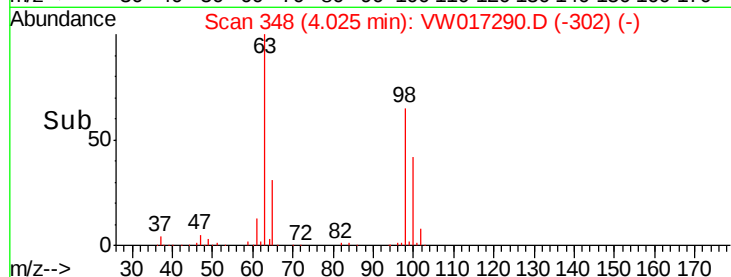
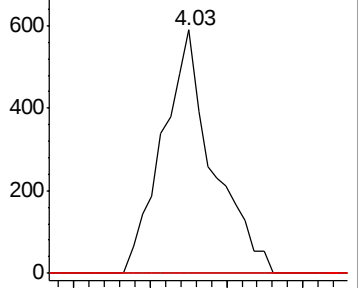
151 0.0 65.4 98.2#



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



#12

1,1-Dichloroethene

Concen: 0.318 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017290.D

Acq: 17 Nov 2020 16:44

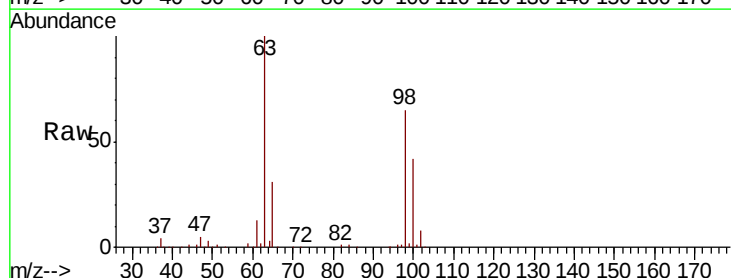
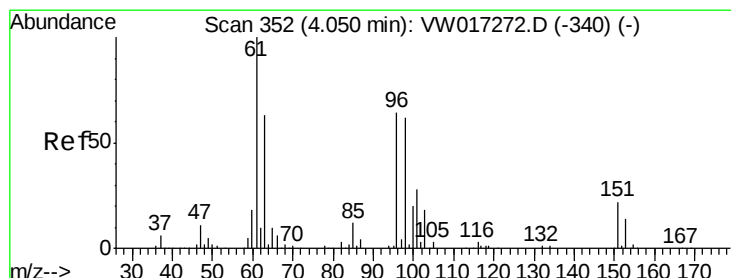
Tgt Ion: 96 Resp: 1619

Ion Ratio Lower Upper

96 100

61 1124.3 103.8 192.8#

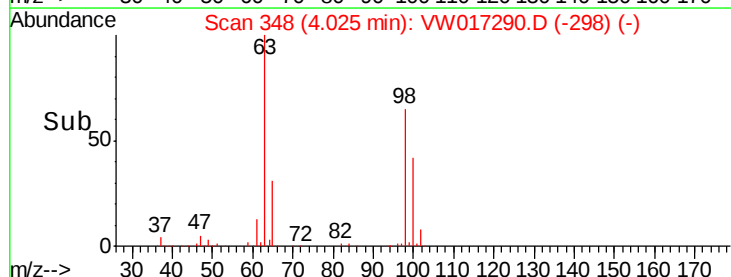
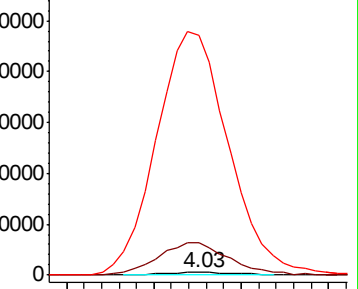
63 8378.0 84.4 156.7#

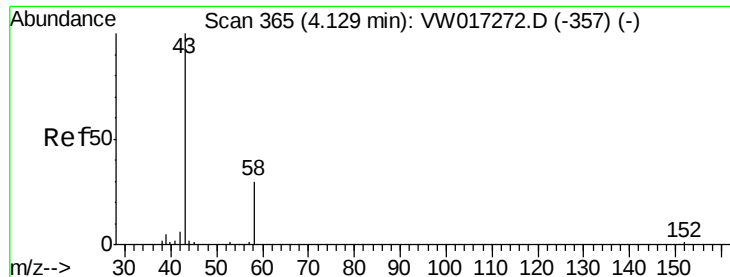


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 0.686 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017290.D

Acq: 17 Nov 2020 16:44

Instrument :

MSVOA_W

ClientSampled :

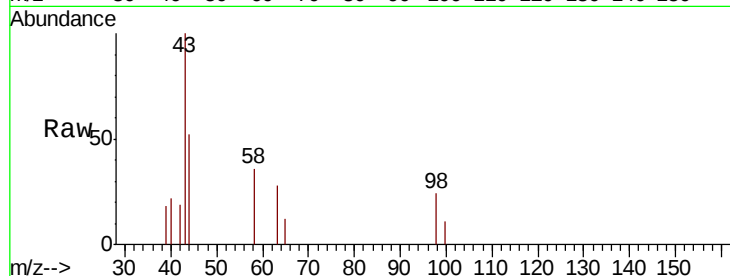
C0B11

Tot Ion: 43 Resp: 531

Ion Ratio Lower Upper

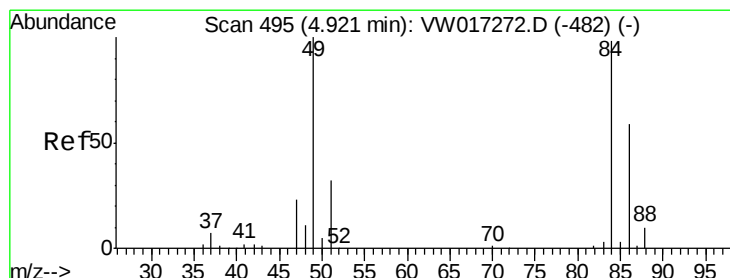
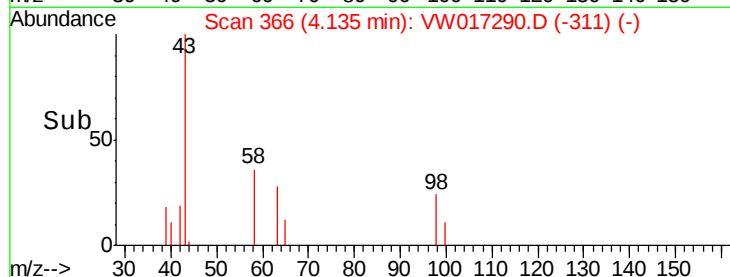
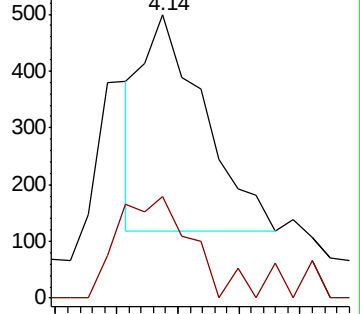
43 100

58 53.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.387 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017290.D

Acq: 17 Nov 2020 16:44

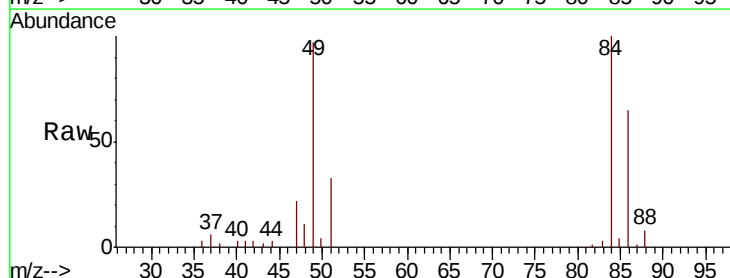
Tgt Ion: 84 Resp: 18732

Ion Ratio Lower Upper

84 100

49 96.9 72.3 134.3

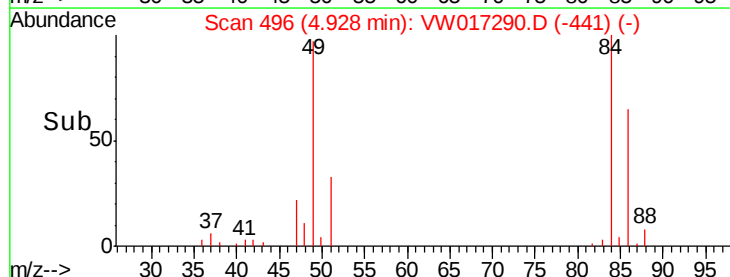
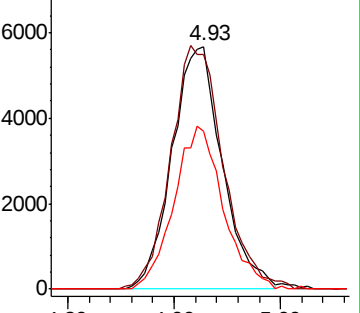
86 65.1 45.1 83.7

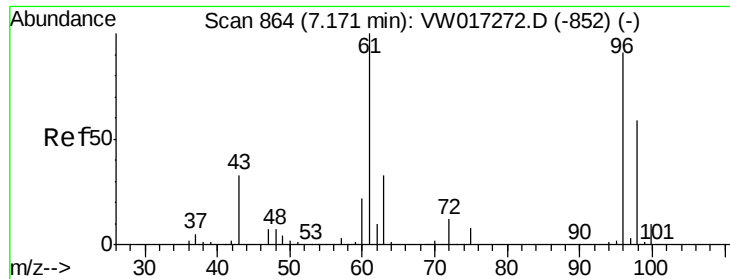


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

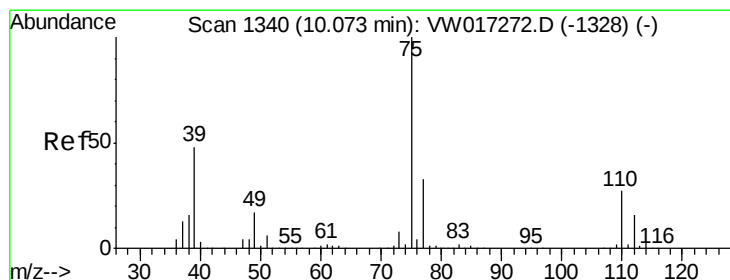
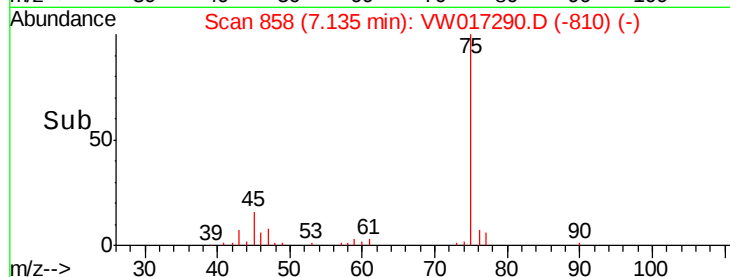
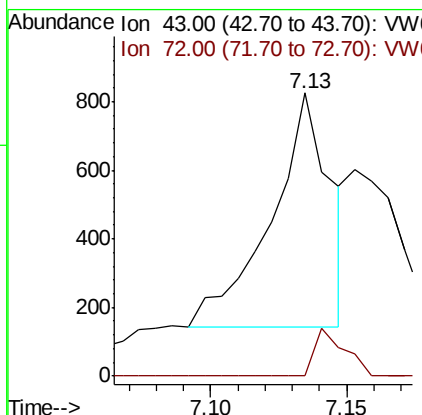
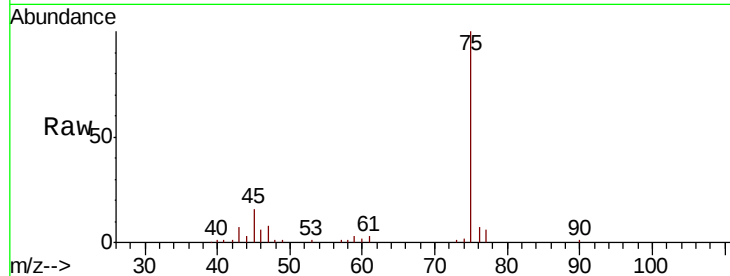




#21
2-Butanone
Concen: 0.828 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW017290.D
Acq: 17 Nov 2020 16:44

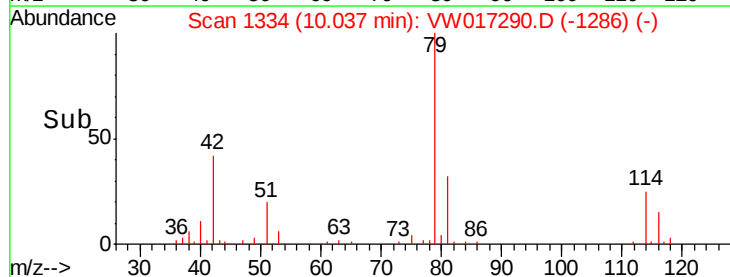
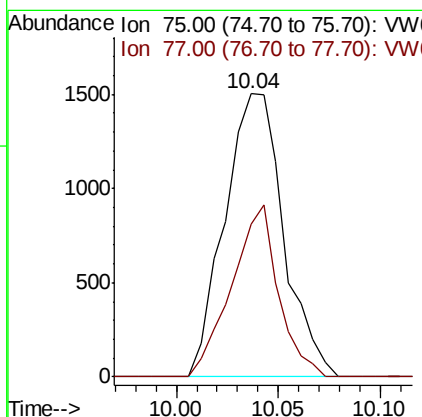
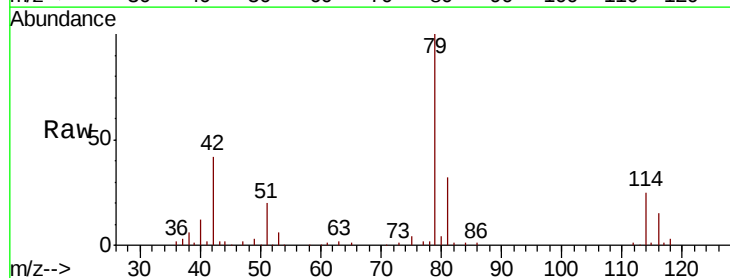
Instrument :
MSVOA_W
ClientSampled :
C0B11

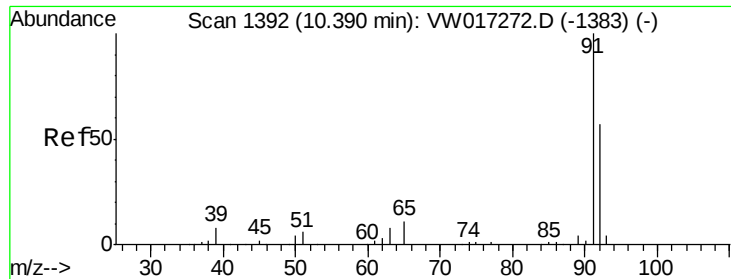
Tot Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
72 10.2 16.1 48.3#



#42
cis-1,3-Dichloropropene
Concen: 0.438 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017290.D
Acq: 17 Nov 2020 16:44

Tgt Ion: 75 Resp: 3013
Ion Ratio Lower Upper
75 100
77 53.8 22.0 41.0#





#44

Toluene

Concen: 0.254 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017290.D

Acq: 17 Nov 2020 16:44

Instrument :

MSVOA_W

ClientSampleId :

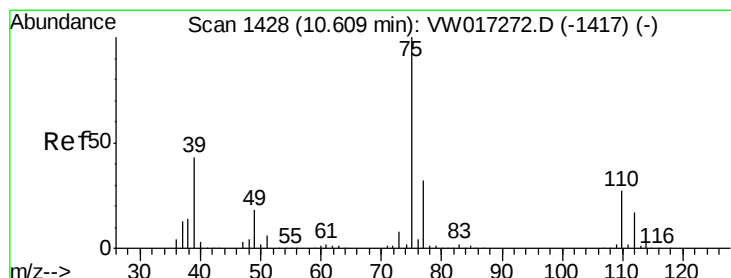
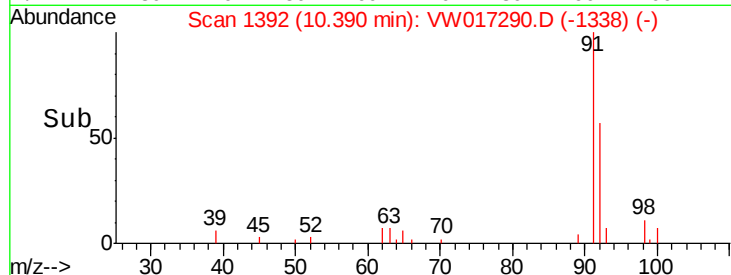
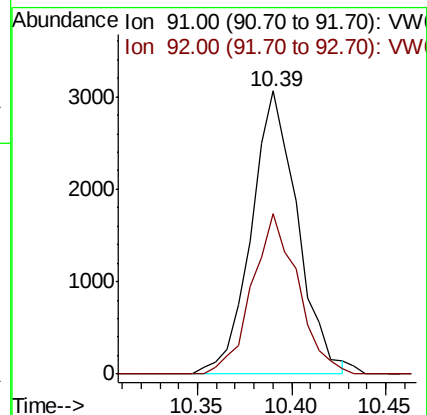
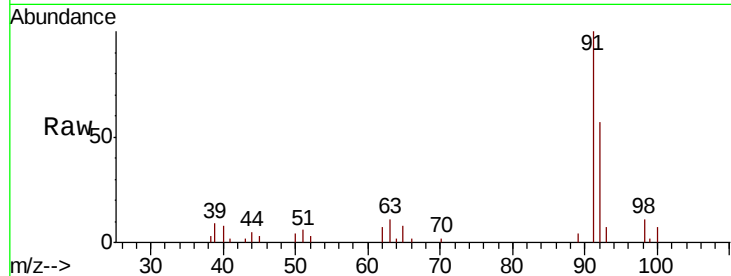
C0B11

Tot Ion: 91 Resp: 5191

Ion Ratio Lower Upper

91 100

92 56.7 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 0.292 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017290.D

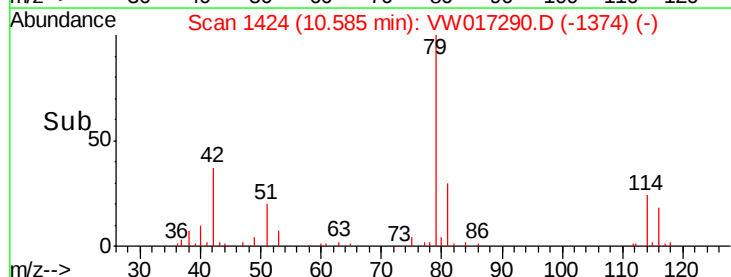
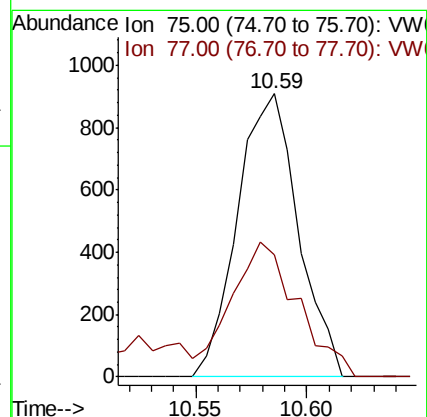
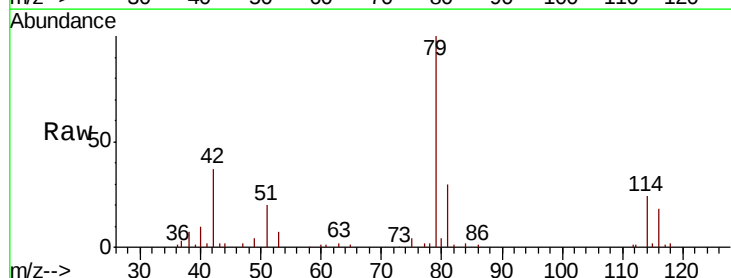
Acq: 17 Nov 2020 16:44

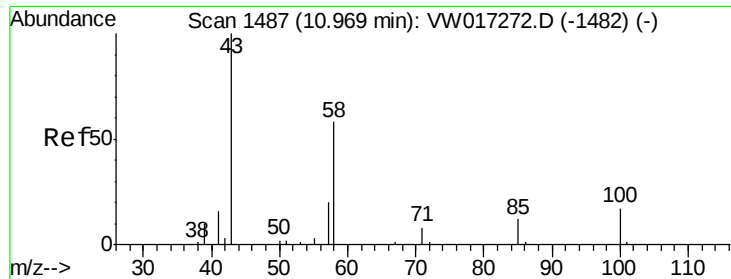
Tgt Ion: 75 Resp: 1725

Ion Ratio Lower Upper

75 100

77 43.3 22.1 41.1#





#49

2-Hexanone

Concen: 2.612 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017290.D

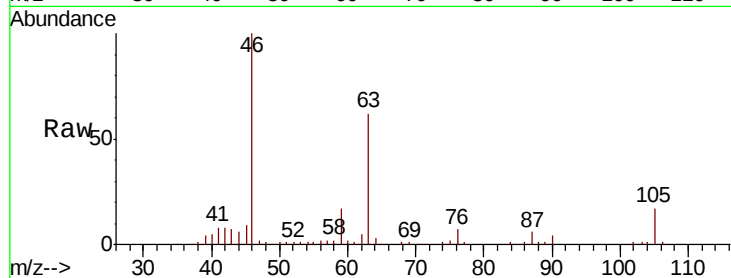
Acq: 17 Nov 2020 16:44

Instrument :

MSVOA_W

ClientSampleId :

C0B11



Tot Ion:	43	Resp:	4217
Ion	Ratio	Lower	Upper
43	100		
58	18.9	50.6	75.8#
57	22.7	17.8	26.6
100	0.0	13.9	20.9#

