

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017103.D
 Acq On : 06 Nov 2020 16:14
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 04:34:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	461056	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	420050	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	191349	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135307	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
7) Chloroethane-d5	2.89	69	105685	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.48%
10) 1,1-Dichloroethene-d2	4.02	63	174489	16.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.20%
20) 2-Butanone-d5	7.09	46	51701	39.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.62%
24) Chloroform-d	7.65	84	243734	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	8.31	65	123003	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.96%
29) Benzene-d6	8.28	84	492627	23.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.12%
33) 1,2-Dichloropropane-d6	9.28	67	135728	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.76%
37) Toluene-d8	10.33	98	454884	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.20%
38) trans-1,3-Dichloropropene-	10.58	79	55070	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.56%
39) 2-Hexanone-d5	10.93	63	40912	39.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112594	21.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	165578	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%

Target Compounds

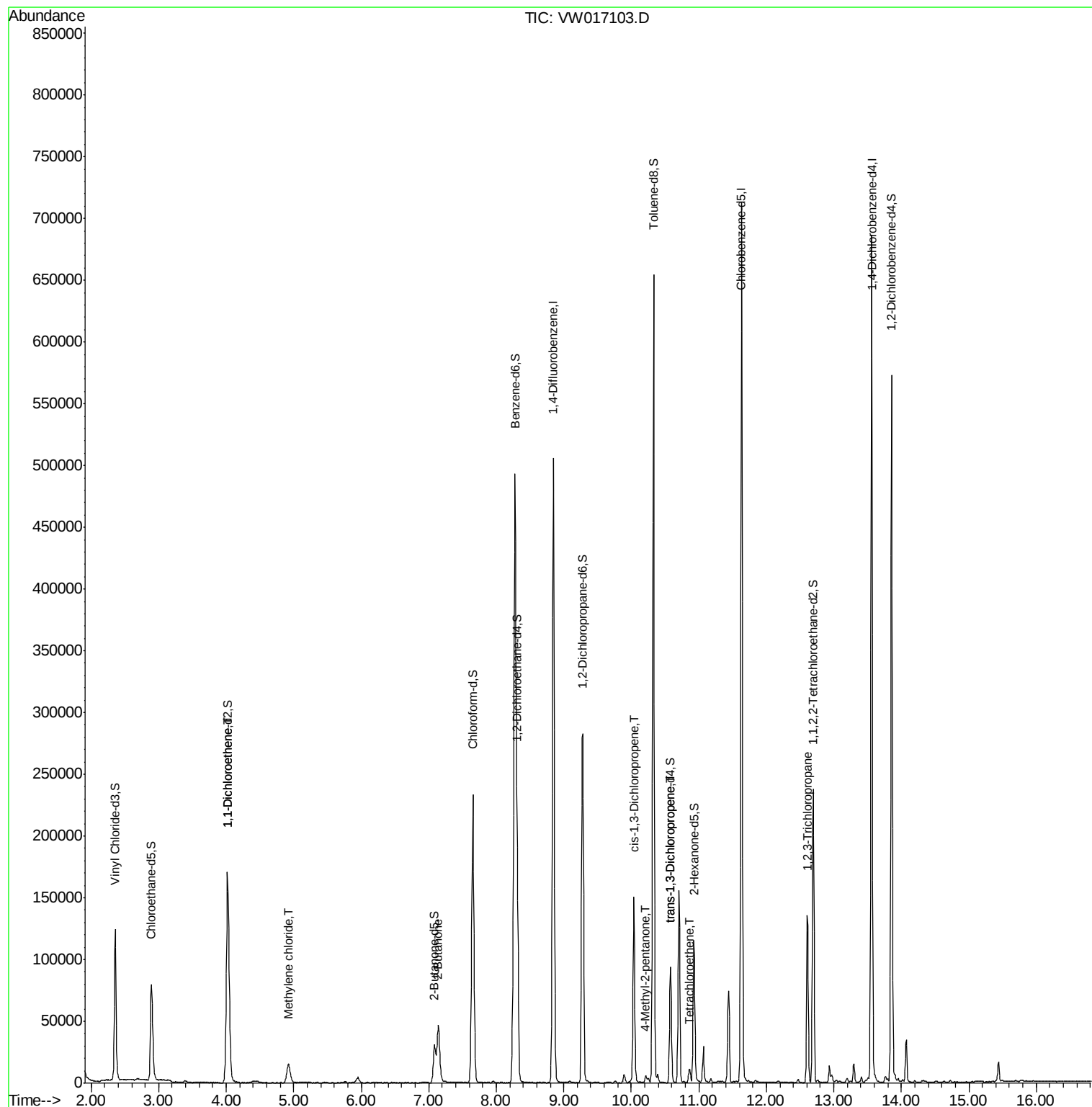
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1704	0.298 ug/L #	1
16) Methylene chloride	4.92	84	13487	2.170 ug/L	98
21) 2-Butanone	7.14	43	2398	1.717 ug/L #	59
42) cis-1,3-Dichloropropene	10.04	75	4085	0.500 ug/L #	73
43) 4-Methyl-2-pentanone	10.22	43	4175	1.312 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	2580	0.368 ug/L	98
47) Tetrachloroethene	10.87	164	2777	0.498 ug/L	94
59) 1,2,3-Trichloropropane	12.61	75	1287	0.349 ug/L	98

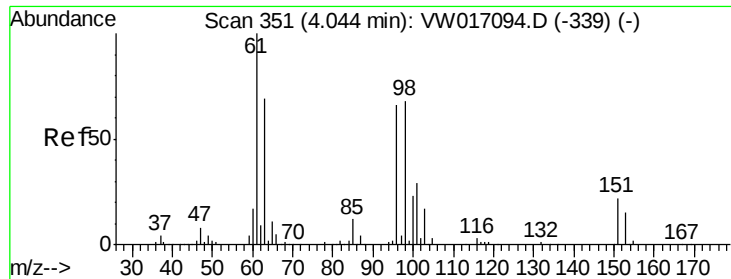
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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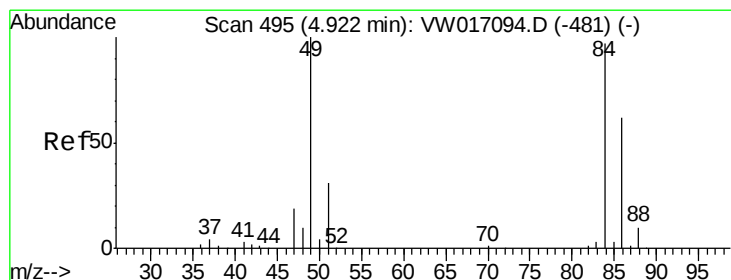
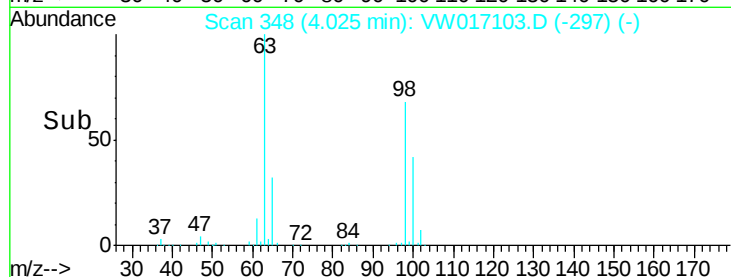
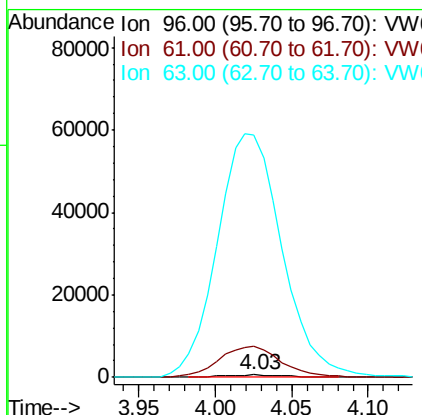
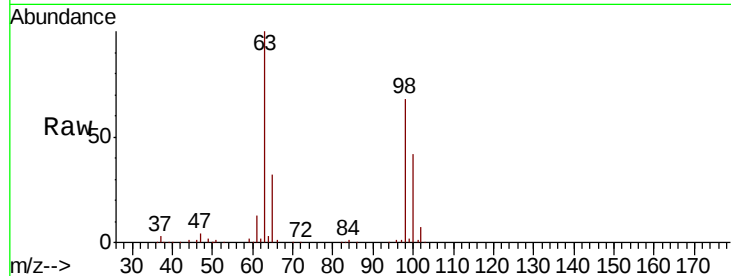




#12
 1,1-Dichloroethene
 Concen: 0.298 ug/L
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW017103.D
 Acq: 06 Nov 2020 16:14

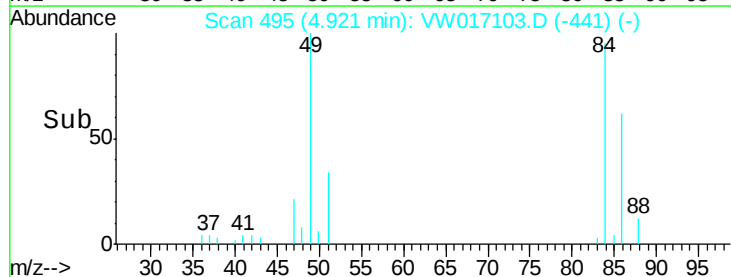
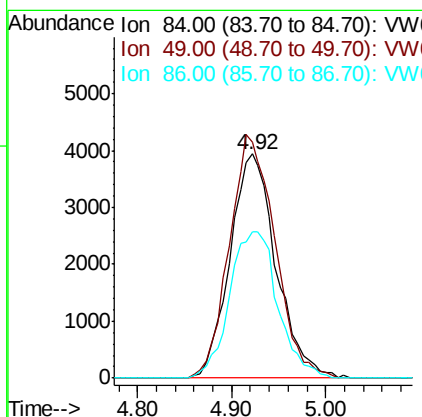
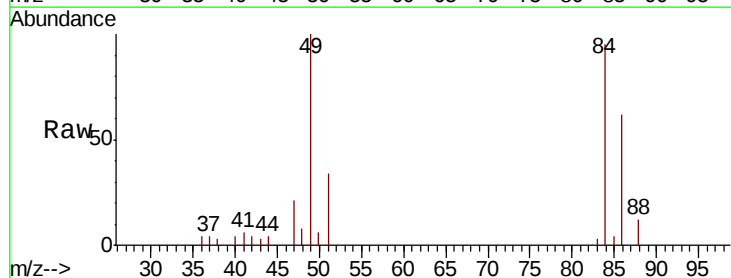
Instrument :
 MSVOA_W
 ClientSampleId :

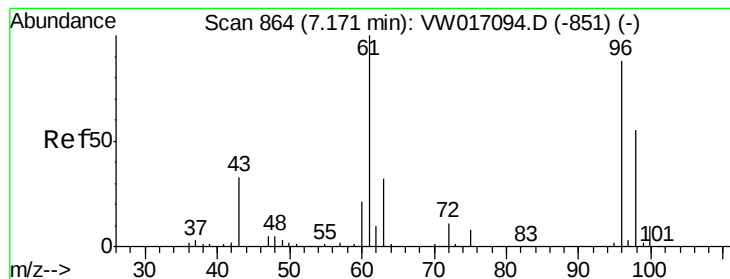
Tot Ion: 96 Resp: 1704
 Ion Ratio Lower Upper
 96 100
 61 1117.6 103.8 192.8#
 63 8857.9 84.4 156.7#



#16
 Methylene chloride
 Concen: 2.170 ug/L
 RT: 4.92 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: VW017103.D
 Acq: 06 Nov 2020 16:14

Tgt Ion: 84 Resp: 13487
 Ion Ratio Lower Upper
 84 100
 49 105.1 72.3 134.3
 86 65.5 45.1 83.7





#21

2-Butanone

Concen: 1.717 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW017103.D

Acq: 06 Nov 2020 16:14

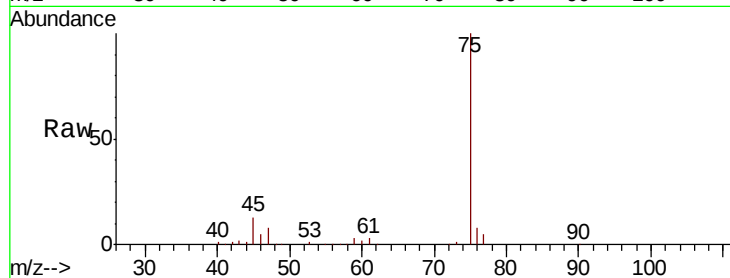
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2398

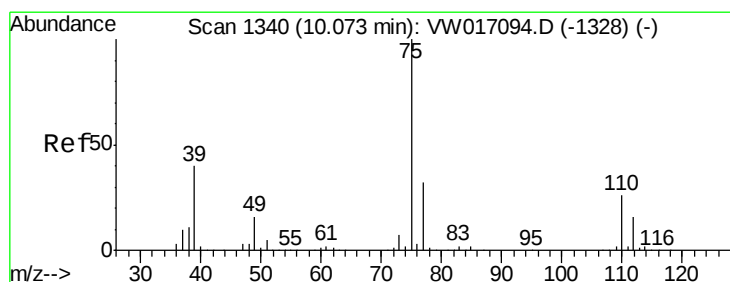
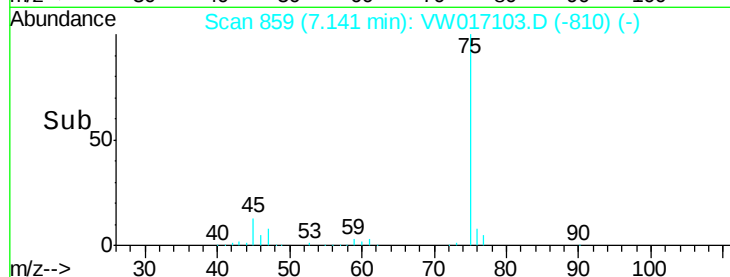
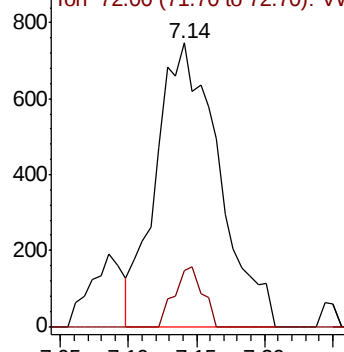
Ion Ratio Lower Upper

43 100

72 9.5 16.1 48.3#



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



#42

cis-1,3-Dichloropropene

Concen: 0.500 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017103.D

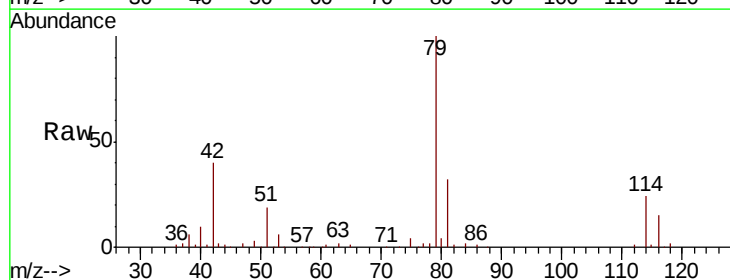
Acq: 06 Nov 2020 16:14

Tgt Ion: 75 Resp: 4085

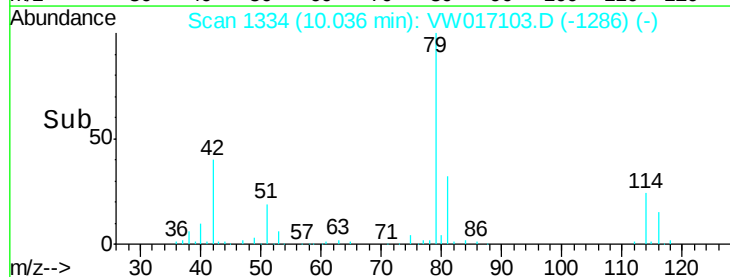
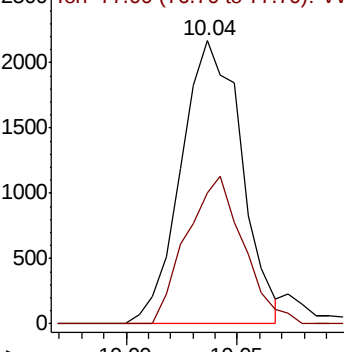
Ion Ratio Lower Upper

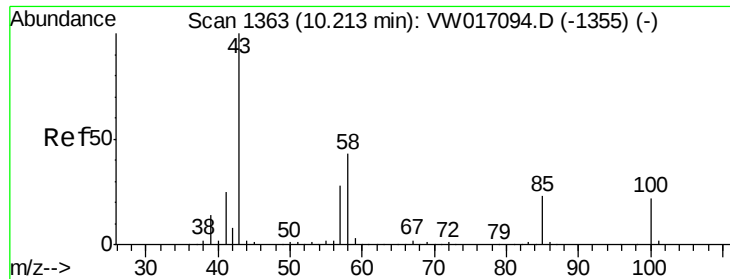
75 100

77 46.3 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

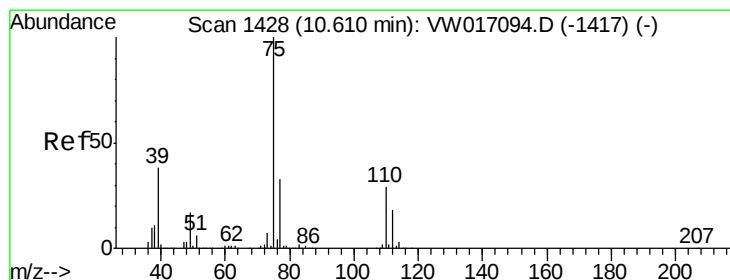
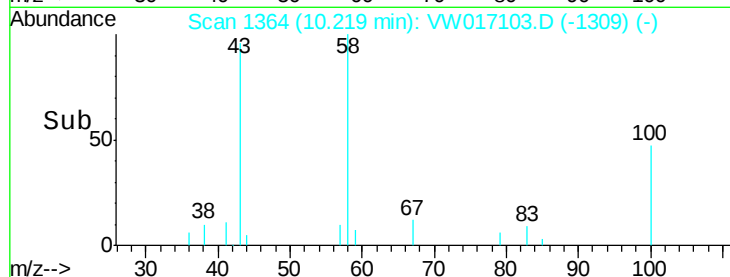
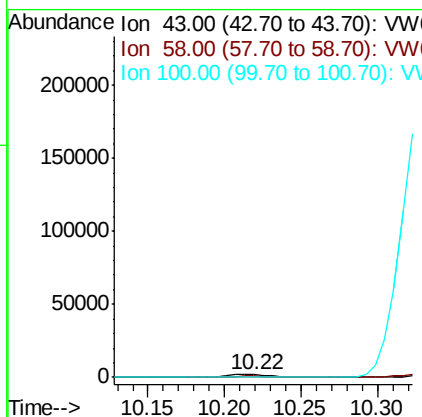
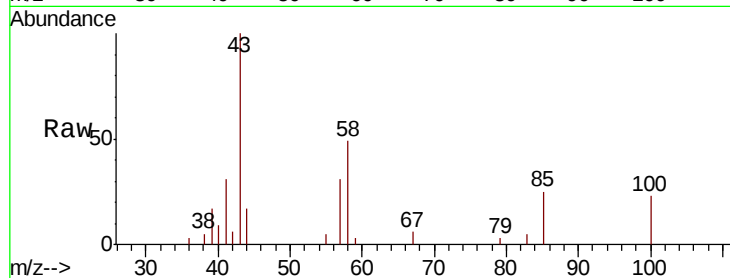




#43
4-Methyl-2-pentanone
Concen: 1.312 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017103.D
Acq: 06 Nov 2020 16:14

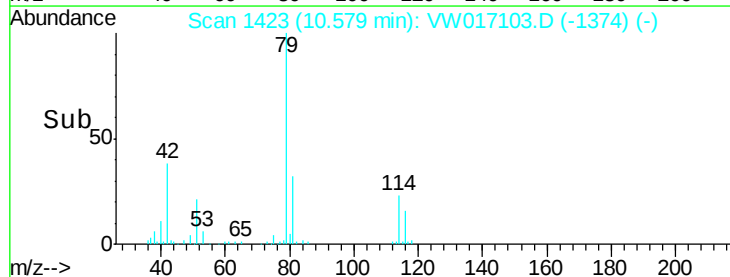
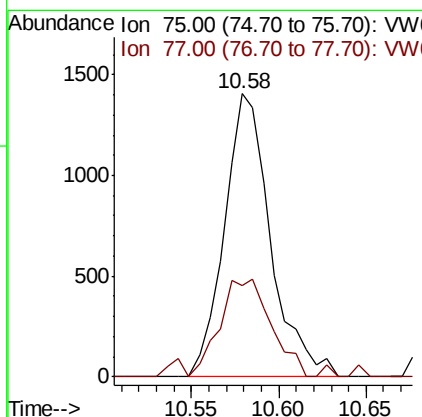
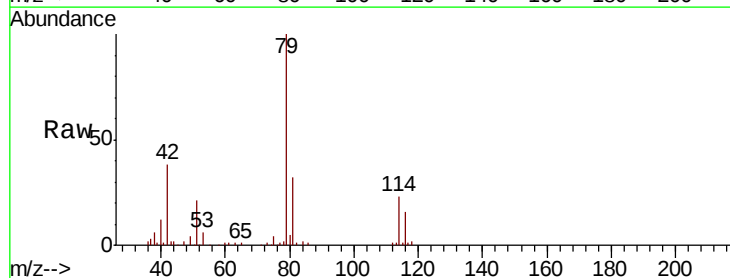
Instrument :
MSVOA_W
ClientSampled :

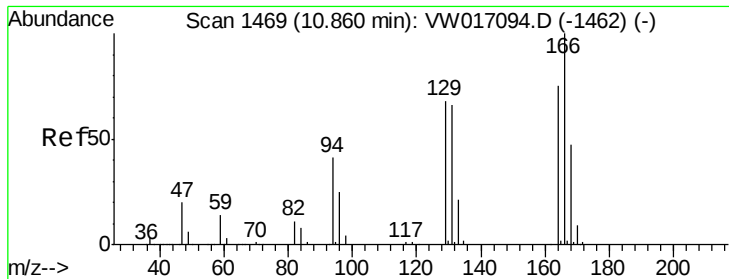
Tot Ion: 43 Resp: 4175
Ion Ratio Lower Upper
43 100
58 44.0 35.0 52.6
100 16.9 16.6 24.8



#45
trans-1,3-Dichloropropene
Concen: 0.368 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017103.D
Acq: 06 Nov 2020 16:14

Tgt Ion: 75 Resp: 2580
Ion Ratio Lower Upper
75 100
77 32.5 22.1 41.1

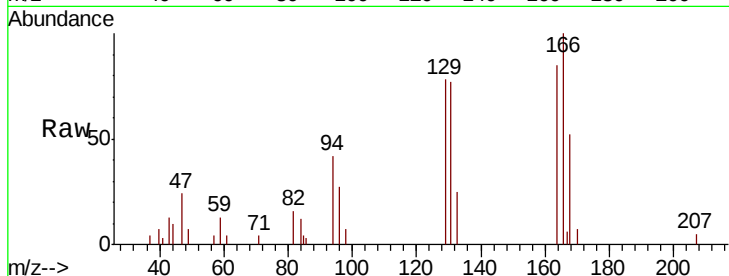




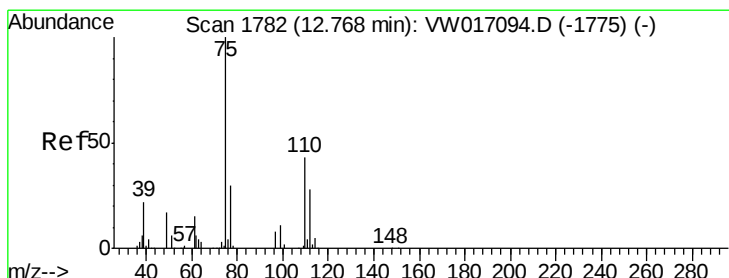
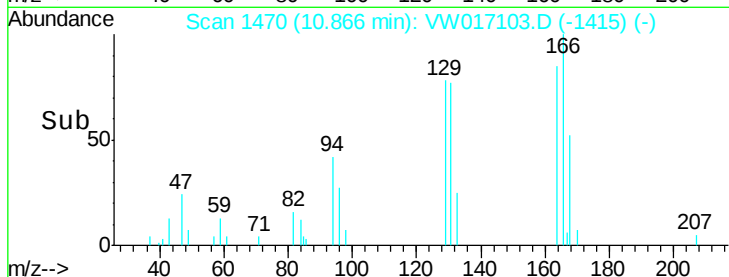
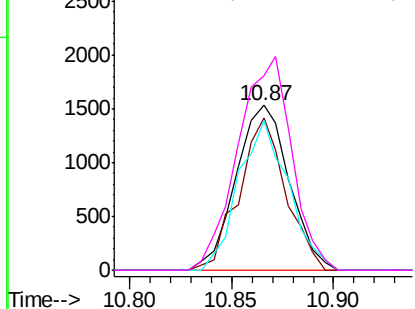
#47
Tetrachloroethene
Concen: 0.498 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW017103.D
Acq: 06 Nov 2020 16:14

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 2777
Ion Ratio Lower Upper
164 100
129 92.7 62.9 116.7
131 90.9 63.3 117.5
166 118.1 92.0 170.8

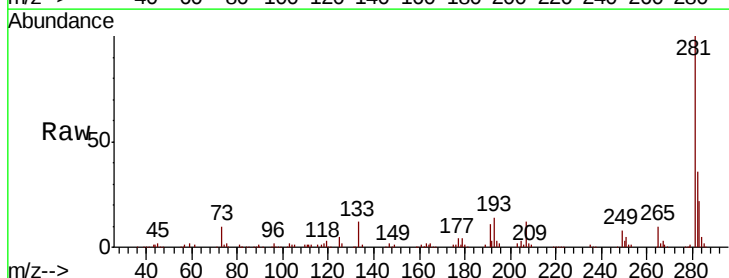


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 0.349 ug/L
RT: 12.61 min Scan# 1756
Delta R.T. -0.16 min
Lab File: VW017103.D
Acq: 06 Nov 2020 16:14

Tgt Ion: 75 Resp: 1287
Ion Ratio Lower Upper
75 100
77 34.3 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

