

Data File : VW017341.D
Acq On : 18 Nov 2020 20:39
Operator : SY/VA
Sample : L4738-09RE
Misc : 4.76G/11ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GB0X6

Quant Time: Nov 19 05:07:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	390300	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	348938	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142323	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133207	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
7) Chloroethane-d5	2.90	69	106688	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.96%
10) 1,1-Dichloroethene-d2	4.03	63	173949	17.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.84%
20) 2-Butanone-d5	7.08	46	57597	60.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.40%
24) Chloroform-d	7.65	84	237246	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	8.31	65	129052	26.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.20%
29) Benzene-d6	8.28	84	458782	23.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.28%
33) 1,2-Dichloropropane-d6	9.27	67	131209	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.16%
37) Toluene-d8	10.33	98	429426	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.76%
38) trans-1,3-Dichloropropene-	10.58	79	56857	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.68%
39) 2-Hexanone-d5	10.93	63	47317	67.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115988	29.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	132551	25.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.92%

Target Compounds

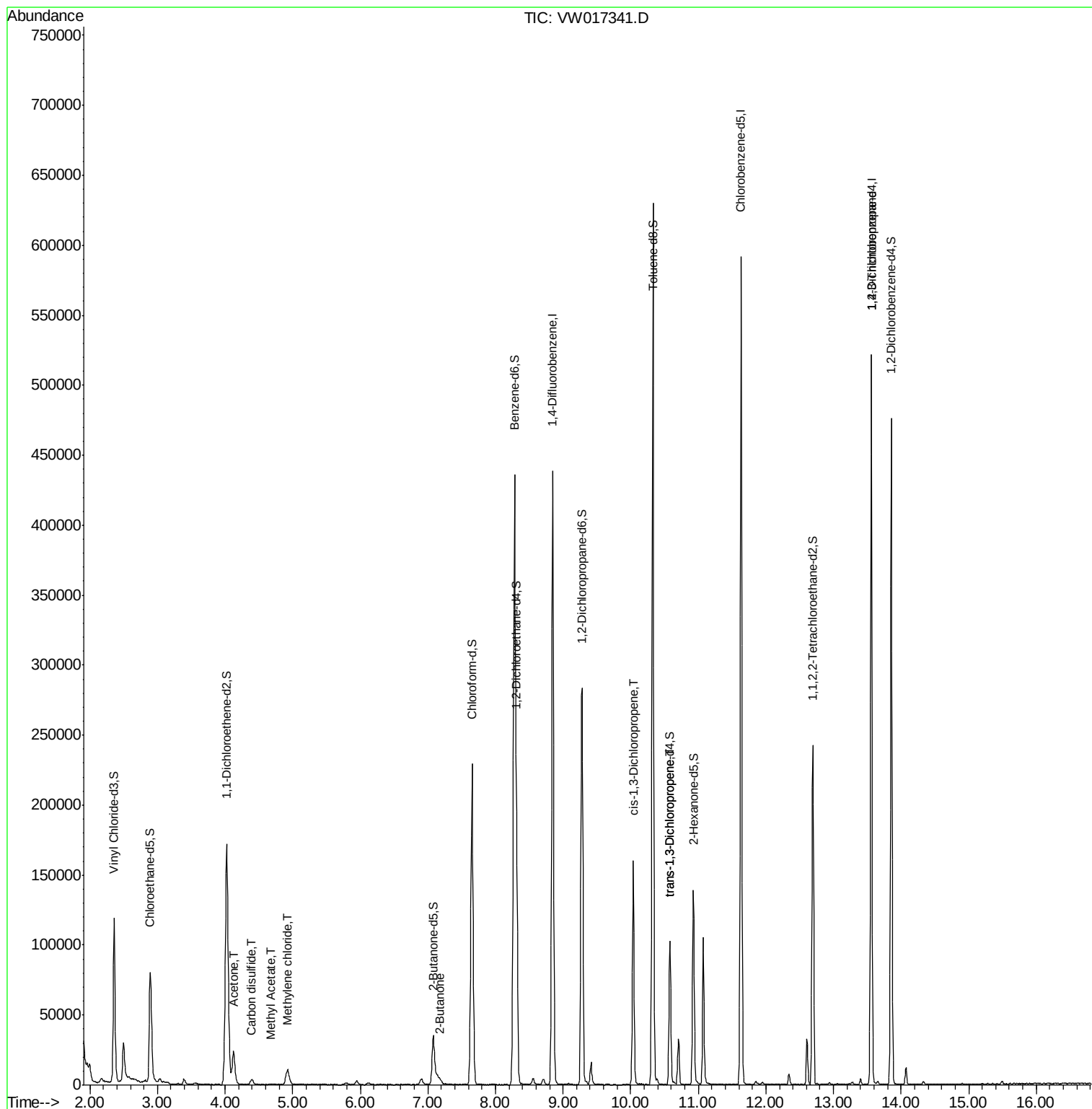
					Qvalue
13) Acetone	4.12	43	40684	58.762 ug/L	100
14) Carbon disulfide	4.39	76	7639	0.506 ug/L	99
15) Methyl Acetate	4.68	43	566	0.373 ug/L #	45
16) Methylene chloride	4.92	84	9464	1.418 ug/L	95
21) 2-Butanone	7.18	43	4525	4.263 ug/L	83
42) cis-1,3-Dichloropropene	10.04	75	4203	0.607 ug/L #	68
45) trans-1,3-Dichloropropene	10.59	75	2788	0.476 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	15011	5.463 ug/L	97

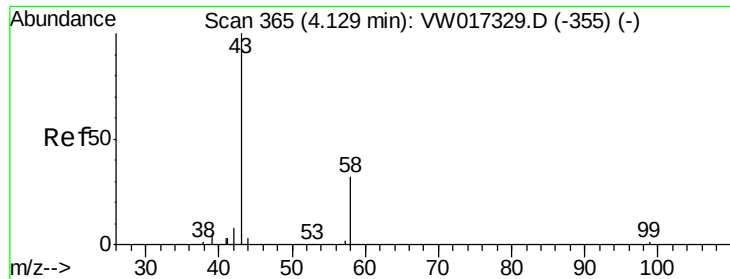
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 58.762 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 18 Nov 2020 20:39

Instrument :

MSVOA_W

ClientSampled :

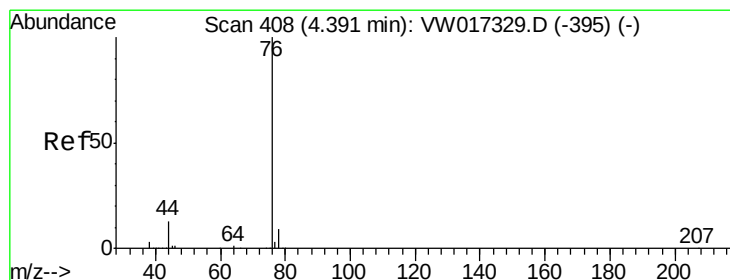
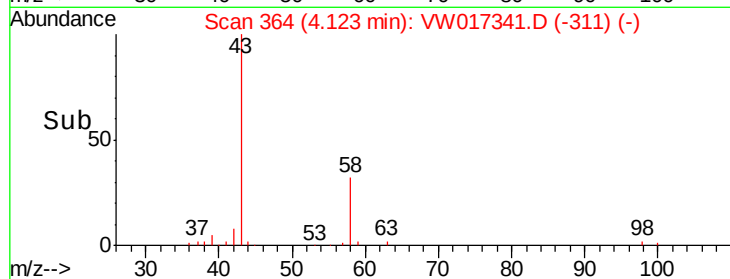
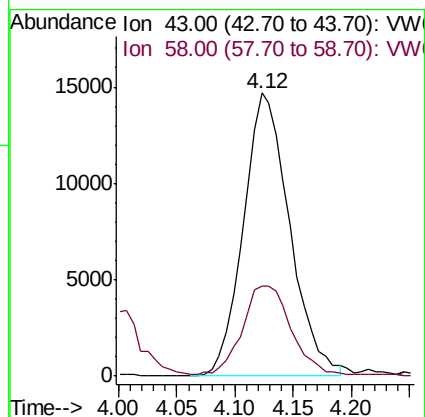
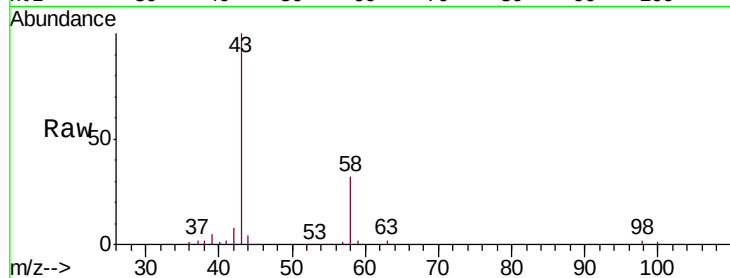
GB0X6

Tgt Ion: 43 Resp: 40684

Ion Ratio Lower Upper

43 100

58 33.2 0.0 67.0



#14

Carbon disulfide

Concen: 0.506 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017341.D

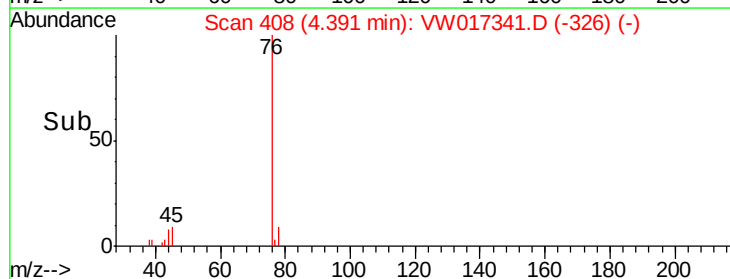
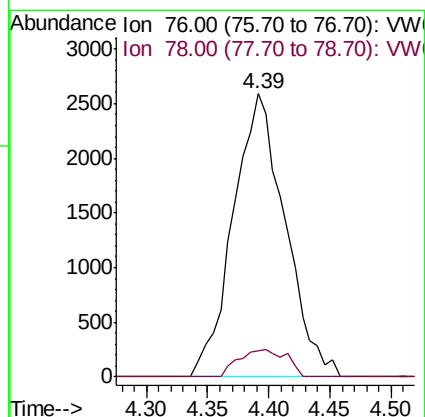
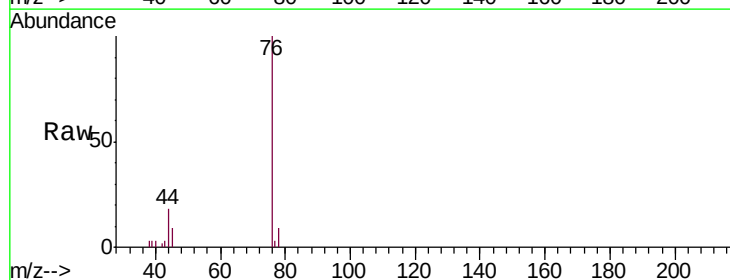
Acq: 18 Nov 2020 20:39

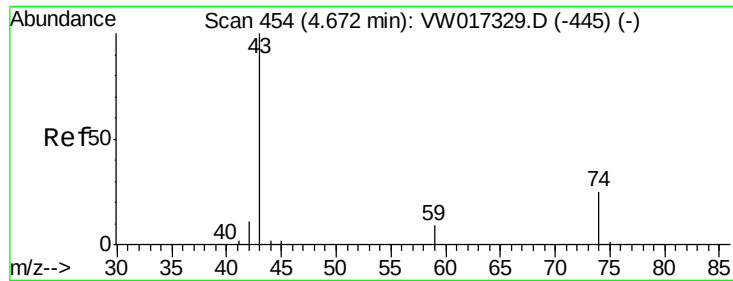
Tgt Ion: 76 Resp: 7639

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6

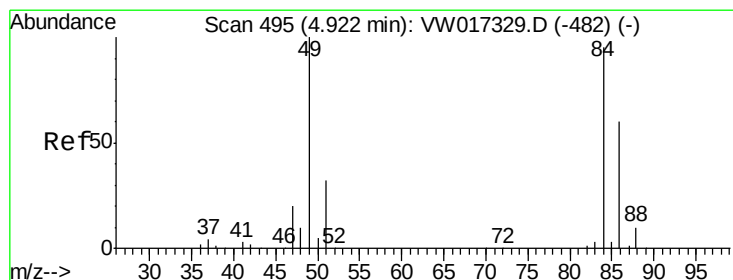
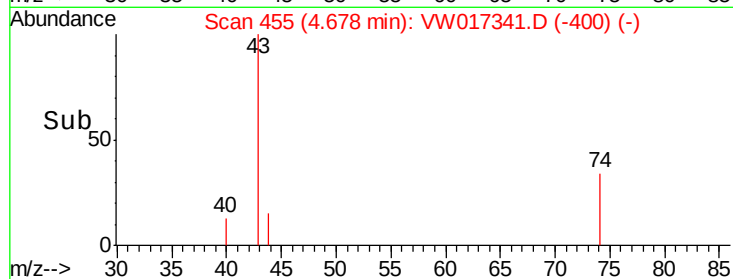
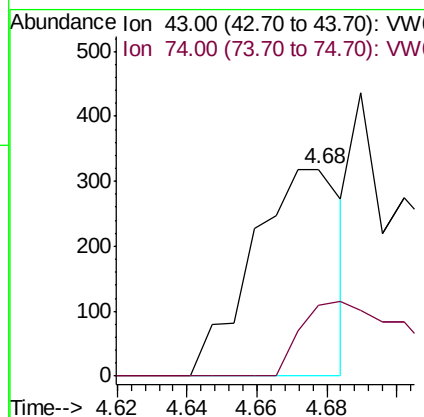
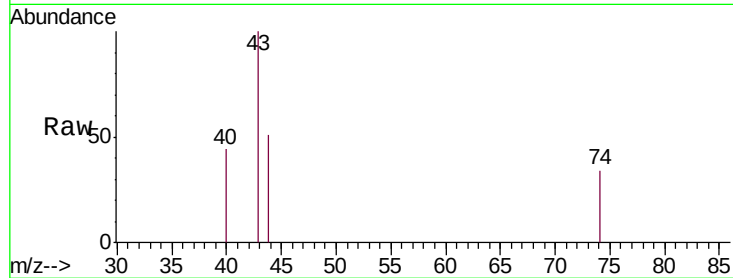




#15
Methyl Acetate
Concen: 0.373 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
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Acq: 18 Nov 2020 20:39

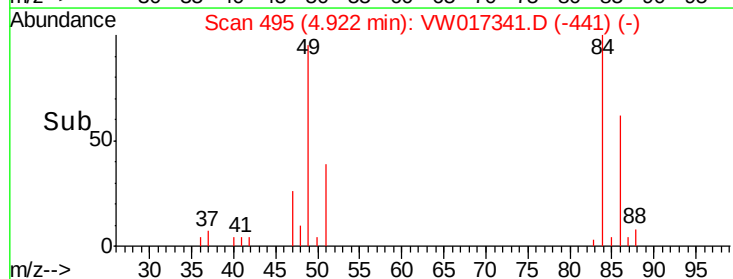
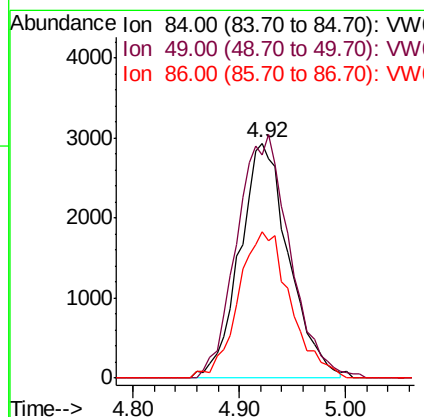
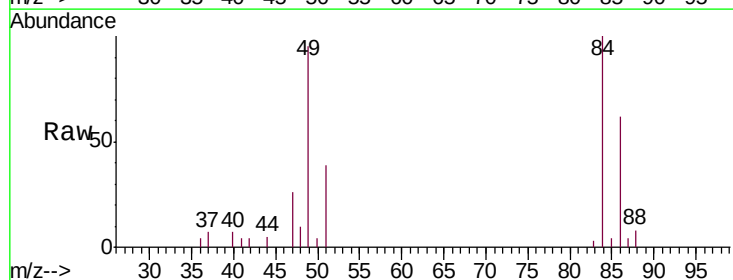
Instrument :
MSVOA_W
ClientSampleId :
GB0X6

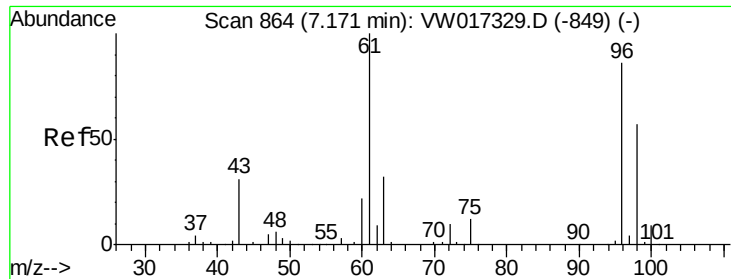
Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
74 0.0 23.7 35.5#



#16
Methylene chloride
Concen: 1.418 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017341.D
Acq: 18 Nov 2020 20:39

Tgt Ion: 84 Resp: 9464
Ion Ratio Lower Upper
84 100
49 95.2 71.5 132.9
86 62.4 42.8 79.4

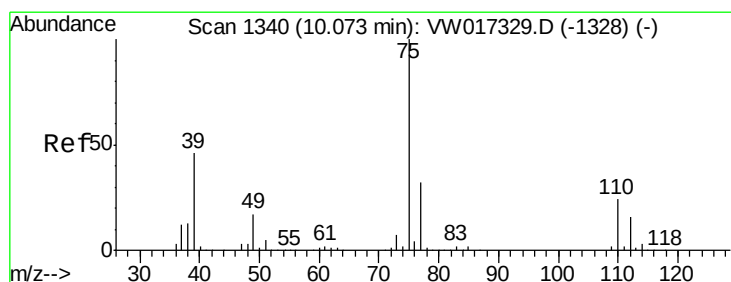
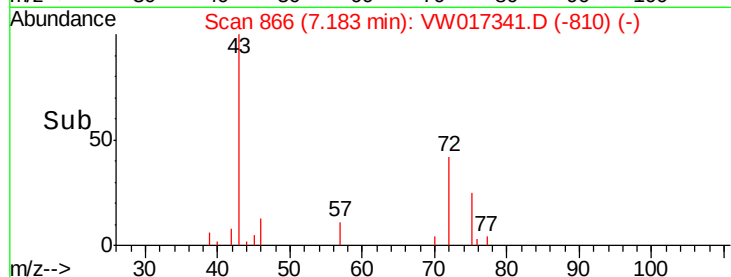
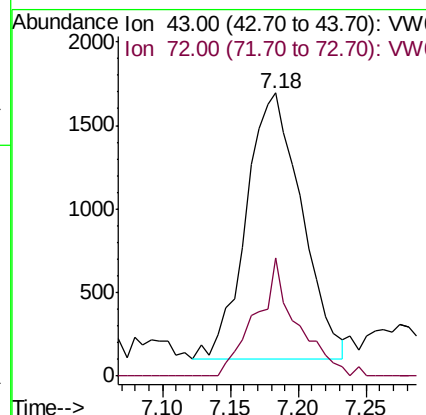
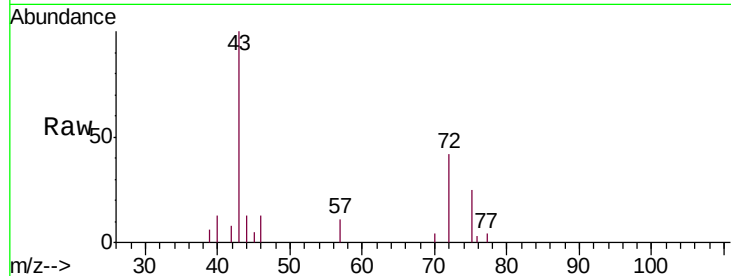




#21
 2-Butanone
 Concen: 4.263 ug/L
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VW017341.D
 Acq: 18 Nov 2020 20:39

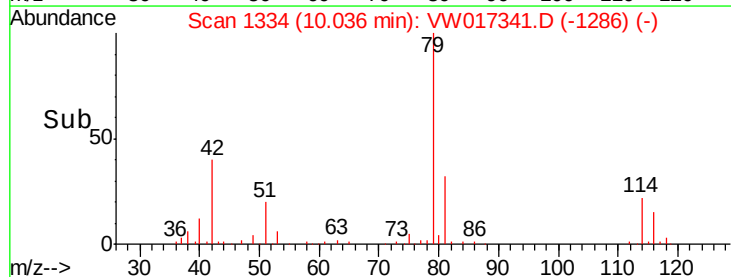
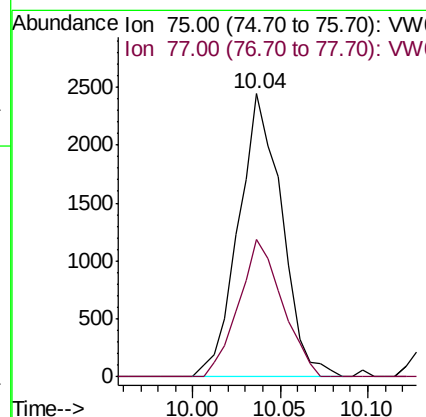
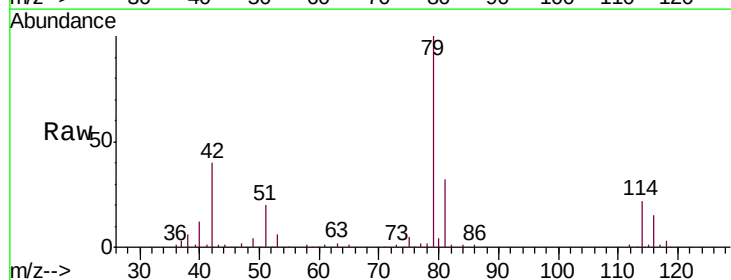
Instrument :
 MSVOA_W
 ClientSampled :
 GB0X6

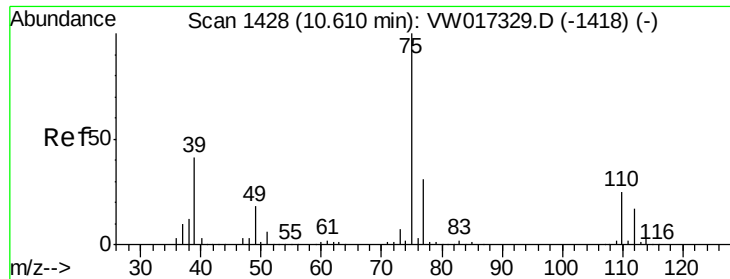
Tgt Ion: 43 Resp: 4525
 Ion Ratio Lower Upper
 43 100
 72 23.2 16.4 49.1



#42
 cis-1,3-Dichloropropene
 Concen: 0.607 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017341.D
 Acq: 18 Nov 2020 20:39

Tgt Ion: 75 Resp: 4203
 Ion Ratio Lower Upper
 75 100
 77 48.7 21.8 40.4#





#45

trans-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017341.D

Acq: 18 Nov 2020 20:39

Instrument :

MSVOA_W

ClientSampleId :

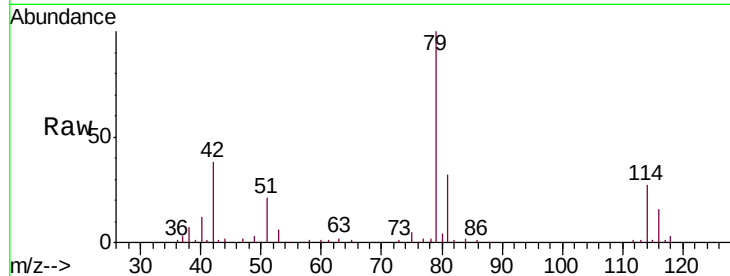
GB0X6

Tgt Ion: 75 Resp: 2788

Ion Ratio Lower Upper

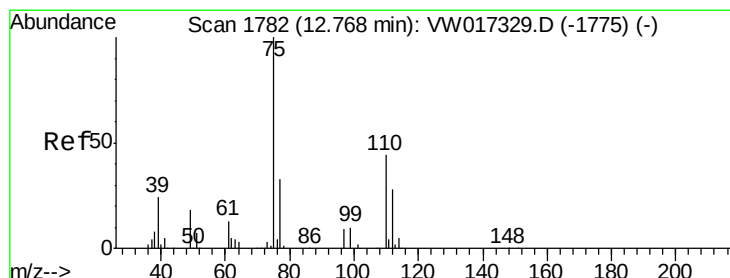
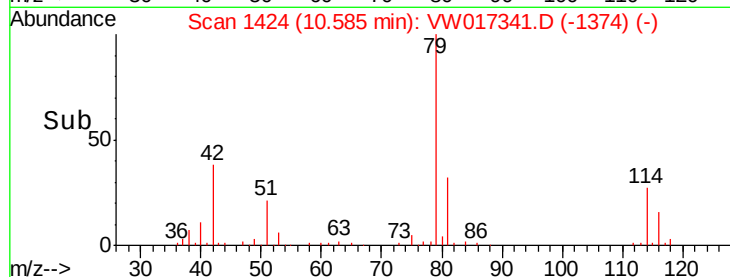
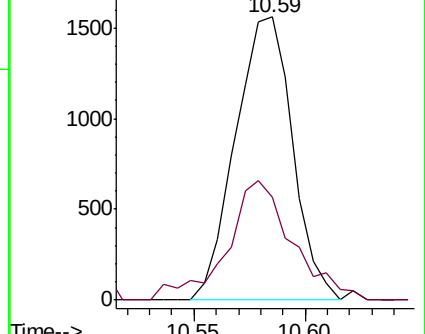
75 100

77 36.5 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.463 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017341.D

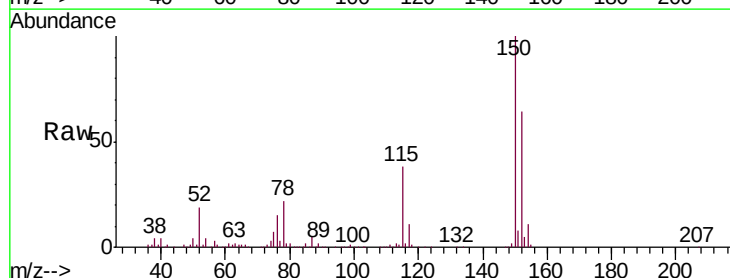
Acq: 18 Nov 2020 20:39

Tgt Ion: 75 Resp: 15011

Ion Ratio Lower Upper

75 100

77 35.2 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

