

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017303.D
 Acq On : 17 Nov 2020 22:45
 Operator : SY/VA
 Sample : L4738-09
 Misc : 5.15G/10ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X6

Quant Time: Nov 18 04:52:16 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	398671	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	87630	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85421	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
7) Chloroethane-d5	2.89	69	77960	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.60%
10) 1,1-Dichloroethene-d2	4.01	63	128921	14.35	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.40%
20) 2-Butanone-d5	7.09	46	58473	52.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.14%
24) Chloroform-d	7.65	84	215302	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	8.31	65	118998	25.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.88%
29) Benzene-d6	8.27	84	398426	25.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.32%
33) 1,2-Dichloropropane-d6	9.27	67	119201	27.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.68%
37) Toluene-d8	10.32	98	345603	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.12%
38) trans-1,3-Dichloropropene-	10.58	79	48306	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.48%
39) 2-Hexanone-d5	10.93	63	48033	63.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103981	27.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	72706	23.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.20%

Target Compounds

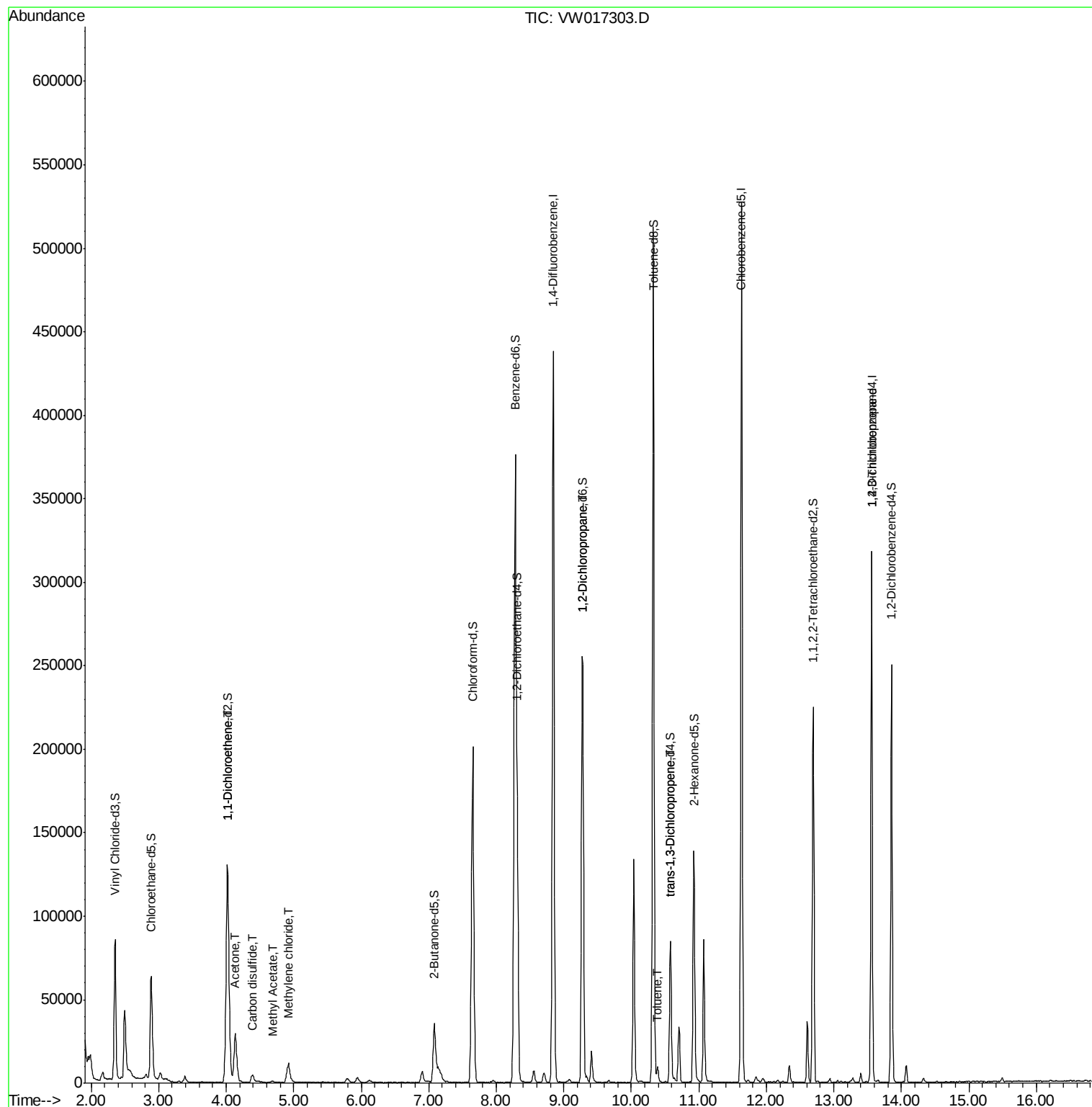
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1322	0.267 ug/L #	1
13) Acetone	4.14	43	53222	70.784 ug/L	94
14) Carbon disulfide	4.39	76	9874	0.733 ug/L	97
15) Methyl Acetate	4.68	43	876	0.470 ug/L #	89
16) Methylene chloride	4.92	84	9244	1.720 ug/L	98
40) 1,2-Dichloropropane	9.27	63	13445	3.581 ug/L #	85
44) Toluene	10.39	91	7053	0.399 ug/L	91
45) trans-1,3-Dichloropropene	10.58	75	2075	0.406 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	9604	3.573 ug/L	92

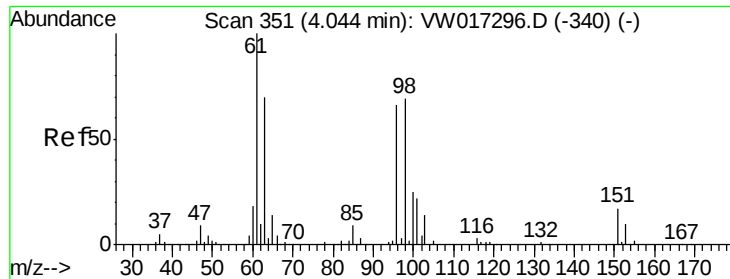
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 18 04:52:16 2020
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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.267 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017303.D

Acq: 17 Nov 2020 22:45

Instrument :

MSVOA_W

ClientSampleId :

GB0X6

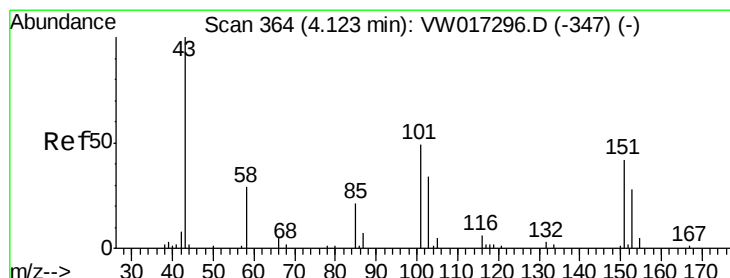
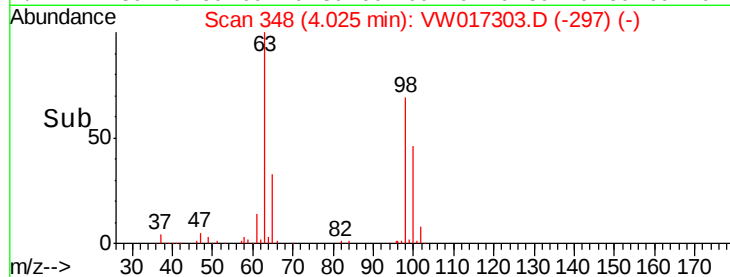
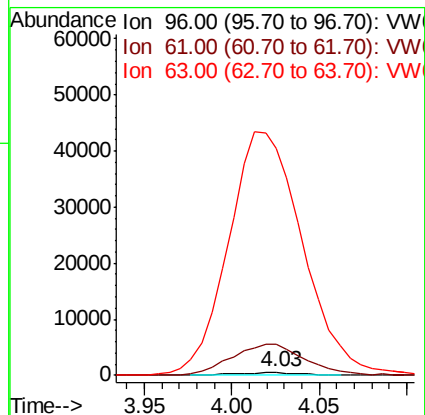
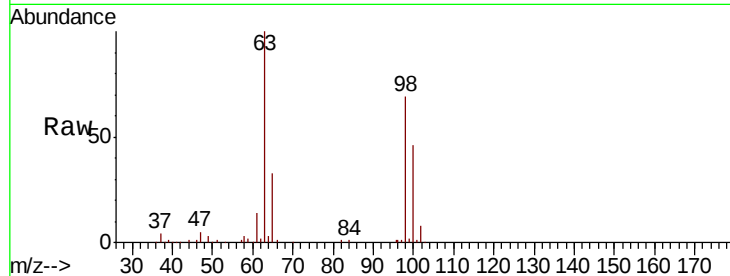
Tot Ion: 96 Resp: 1322

Ion Ratio Lower Upper

96 100

61 899.8 103.8 192.8#

63 6524.8 84.4 156.7#



#13

Acetone

Concen: 70.784 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017303.D

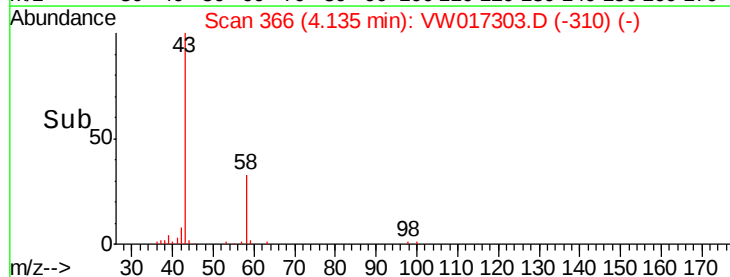
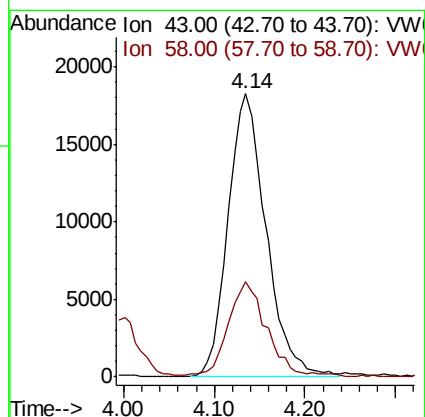
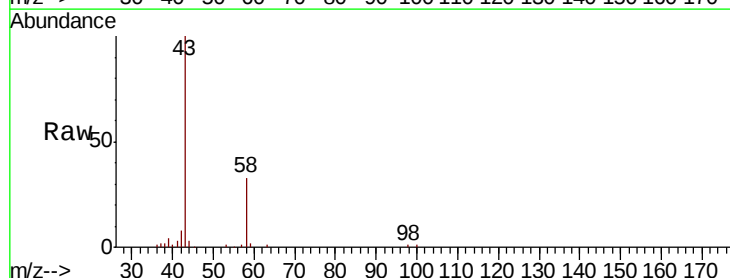
Acq: 17 Nov 2020 22:45

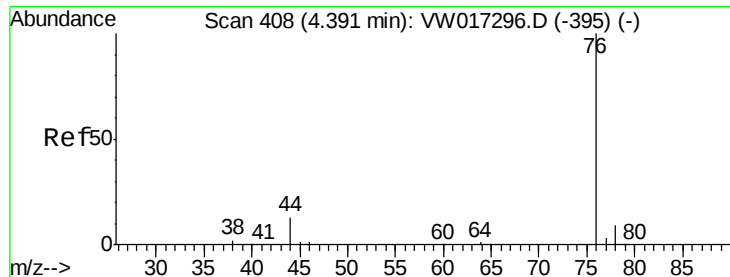
Tgt Ion: 43 Resp: 53222

Ion Ratio Lower Upper

43 100

58 31.4 0.0 69.2





#14

Carbon disulfide

Concen: 0.733 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017303.D

Acq: 17 Nov 2020 22:45

Instrument :

MSVOA_W

ClientSampled :

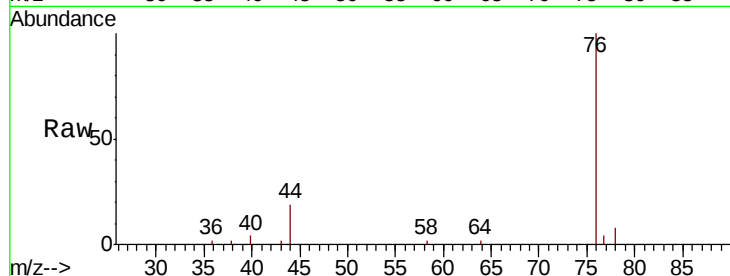
GB0X6

Tot Ion: 76 Resp: 9874

Ion Ratio Lower Upper

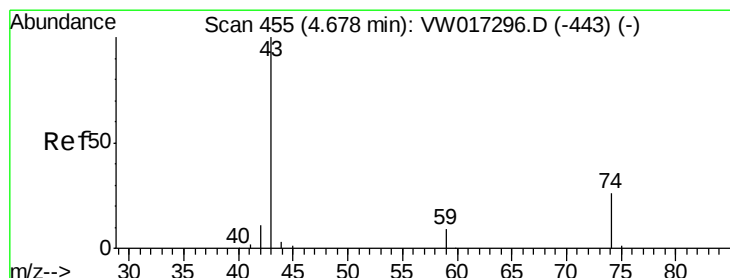
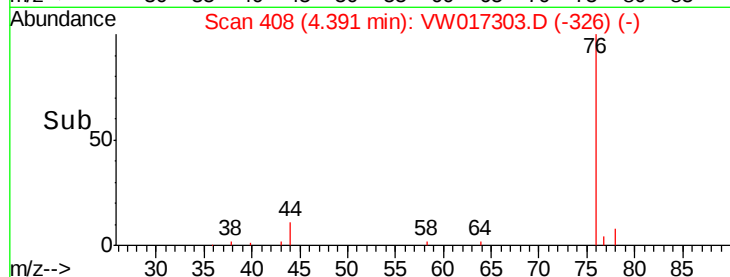
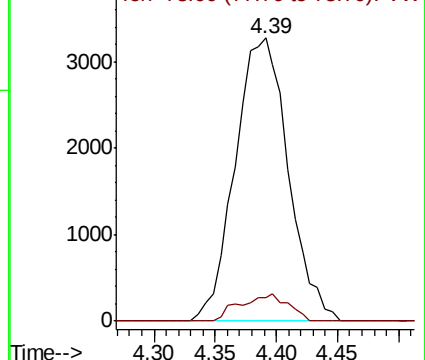
76 100

78 8.4 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#15

Methyl Acetate

Concen: 0.470 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW017303.D

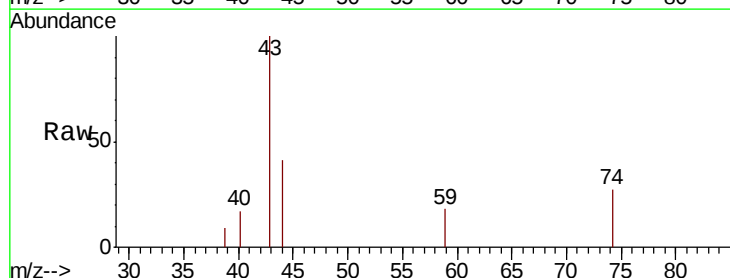
Acq: 17 Nov 2020 22:45

Tgt Ion: 43 Resp: 876

Ion Ratio Lower Upper

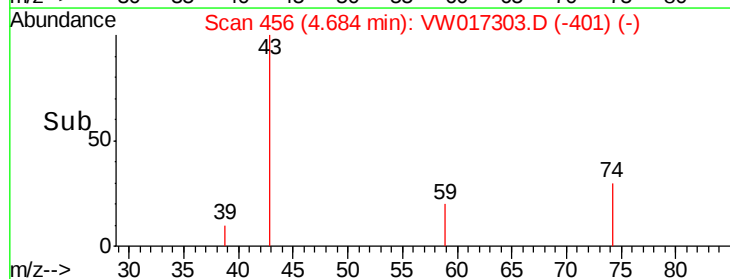
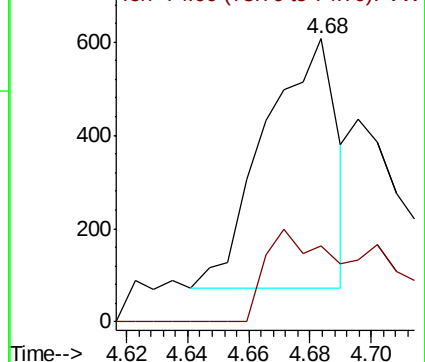
43 100

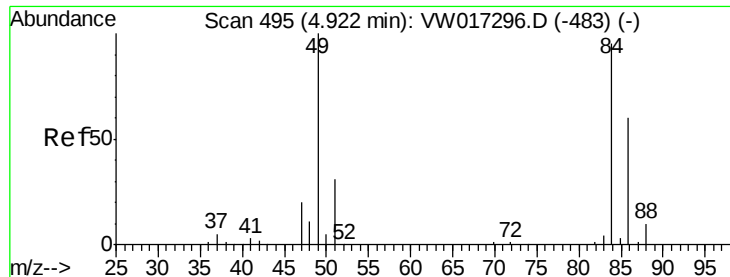
74 32.5 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

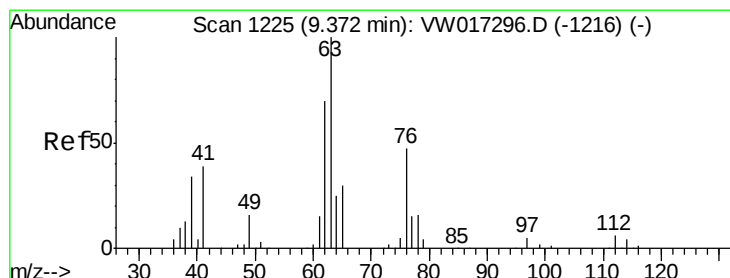
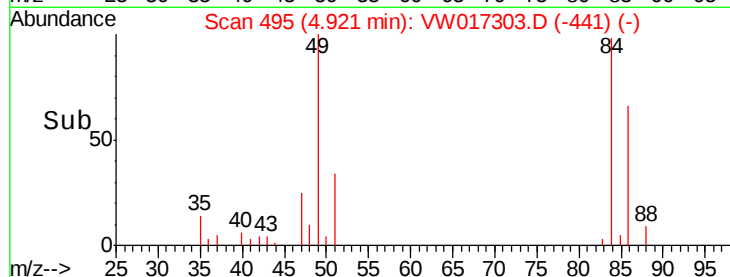
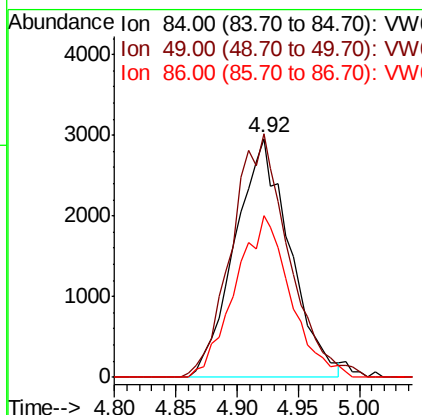
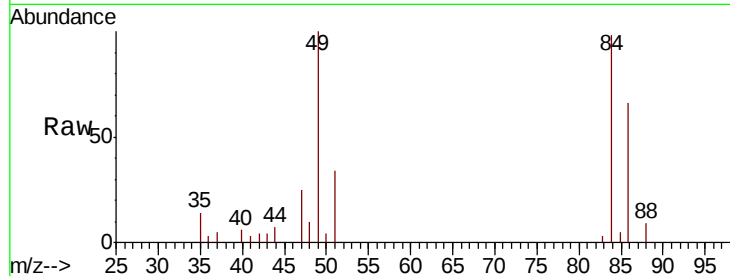




#16
Methvlene chloride
Concen: 1.720 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017303.D
Acq: 17 Nov 2020 22:45

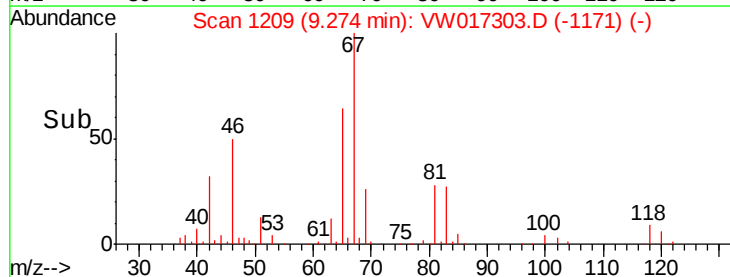
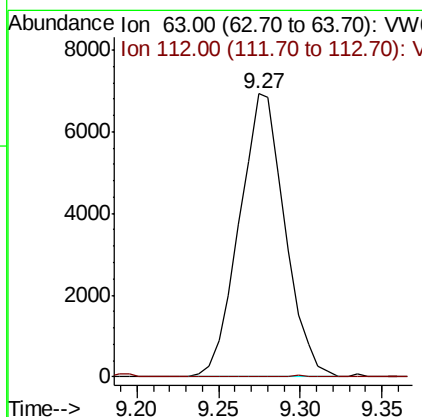
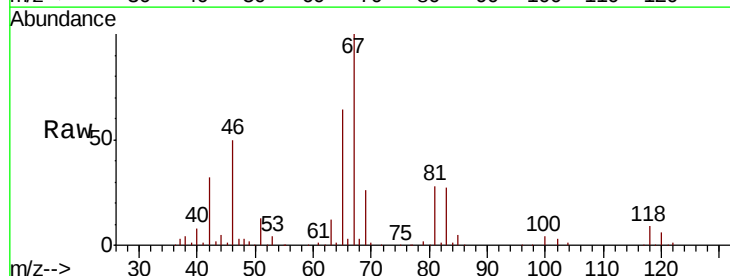
Instrument :
MSVOA_W
ClientSampleId :
GB0X6

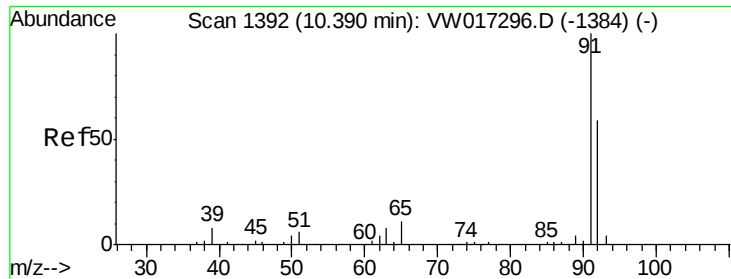
Tot Ion: 84 Resp: 9244
Ion Ratio Lower Upper
84 100
49 102.0 72.3 134.3
86 67.7 45.1 83.7



#40
1,2-Dichloropropane
Concen: 3.581 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017303.D
Acq: 17 Nov 2020 22:45

Tgt Ion: 63 Resp: 13445
Ion Ratio Lower Upper
63 100
112 0.4 4.2 6.2#





#44

Toluene

Concen: 0.399 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017303.D

Acq: 17 Nov 2020 22:45

Instrument :

MSVOA_W

ClientSampled :

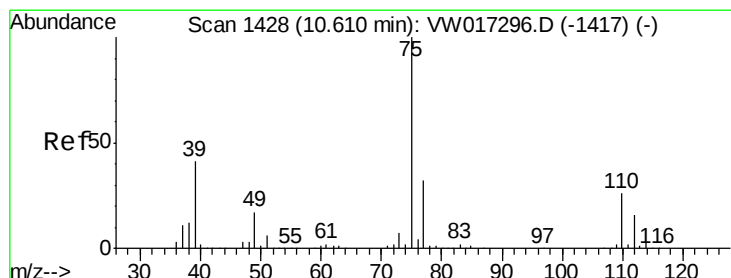
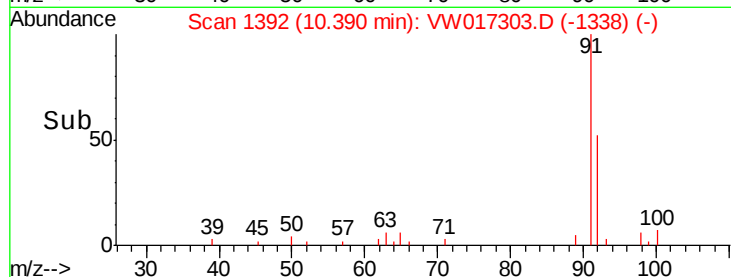
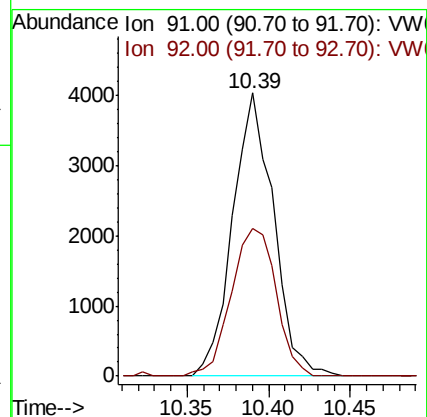
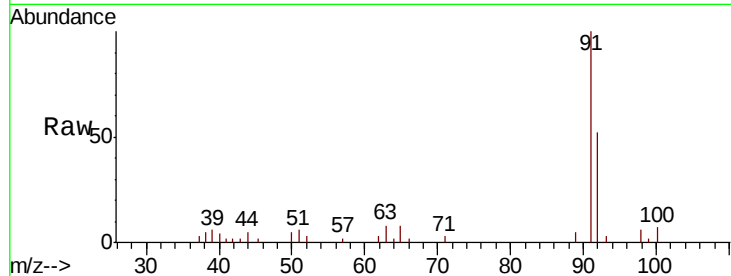
GB0X6

Tot Ion: 91 Resp: 7053

Ion Ratio Lower Upper

91 100

92 52.1 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 0.406 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017303.D

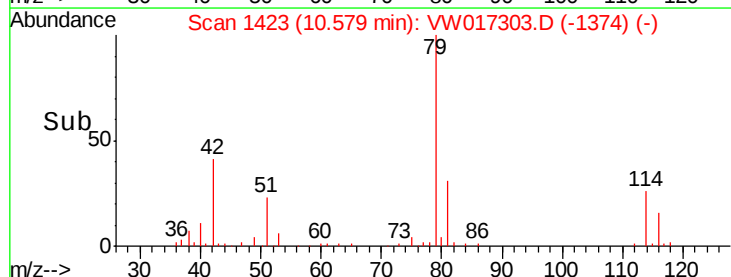
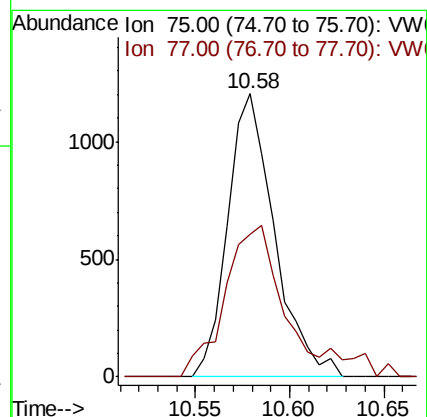
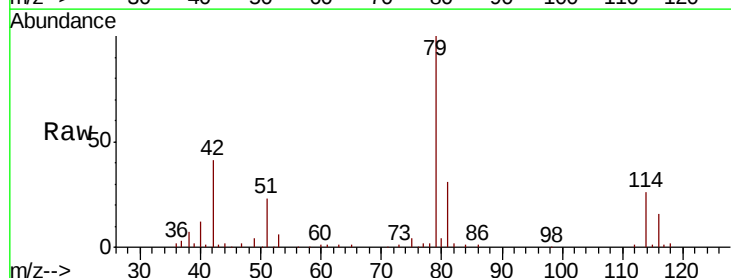
Acq: 17 Nov 2020 22:45

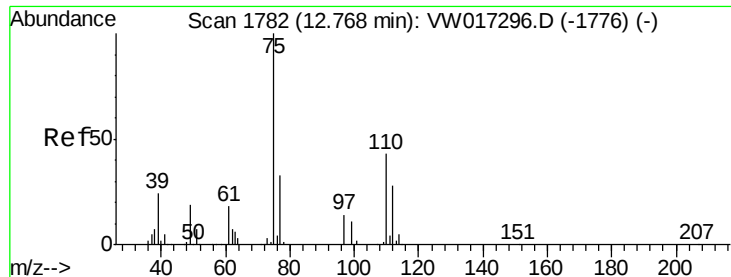
Tgt Ion: 75 Resp: 2075

Ion Ratio Lower Upper

75 100

77 50.2 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 3.573 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017303.D

Acq: 17 Nov 2020 22:45

Instrument :

MSVOA_W

ClientSampleId :

GB0X6

Tot Ion: 75 Resp: 9604

Ion Ratio Lower Upper

75 100

77 37.8 26.4 39.6

