

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017547.D
 Acq On : 04 Dec 2020 11:43
 Operator : SY/VA
 Sample : VIBLK16
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK16

Quant Time: Dec 05 07:37:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 07:36:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	388600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	362443	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174480	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123052	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.84%
7) Chloroethane-d5	2.90	69	101615	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
10) 1,1-Dichloroethene-d2	4.03	63	204662	17.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.88%
20) 2-Butanone-d5	7.29	46	165	0.15	ug/L	0.21
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.30%#
24) Chloroform-d	7.65	84	272631	24.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.44%
26) 1,2-Dichloroethane-d4	8.31	65	139616	24.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.64%
29) Benzene-d6	8.28	84	523370	23.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.24%
33) 1,2-Dichloropropane-d6	9.27	67	148421	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.60%
37) Toluene-d8	10.33	98	471963	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.80%
38) trans-1,3-Dichloropropene-	10.58	79	63700	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.48%
39) 2-Hexanone-d5	10.93	63	35797	45.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109041	23.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	162550	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

Target Compounds

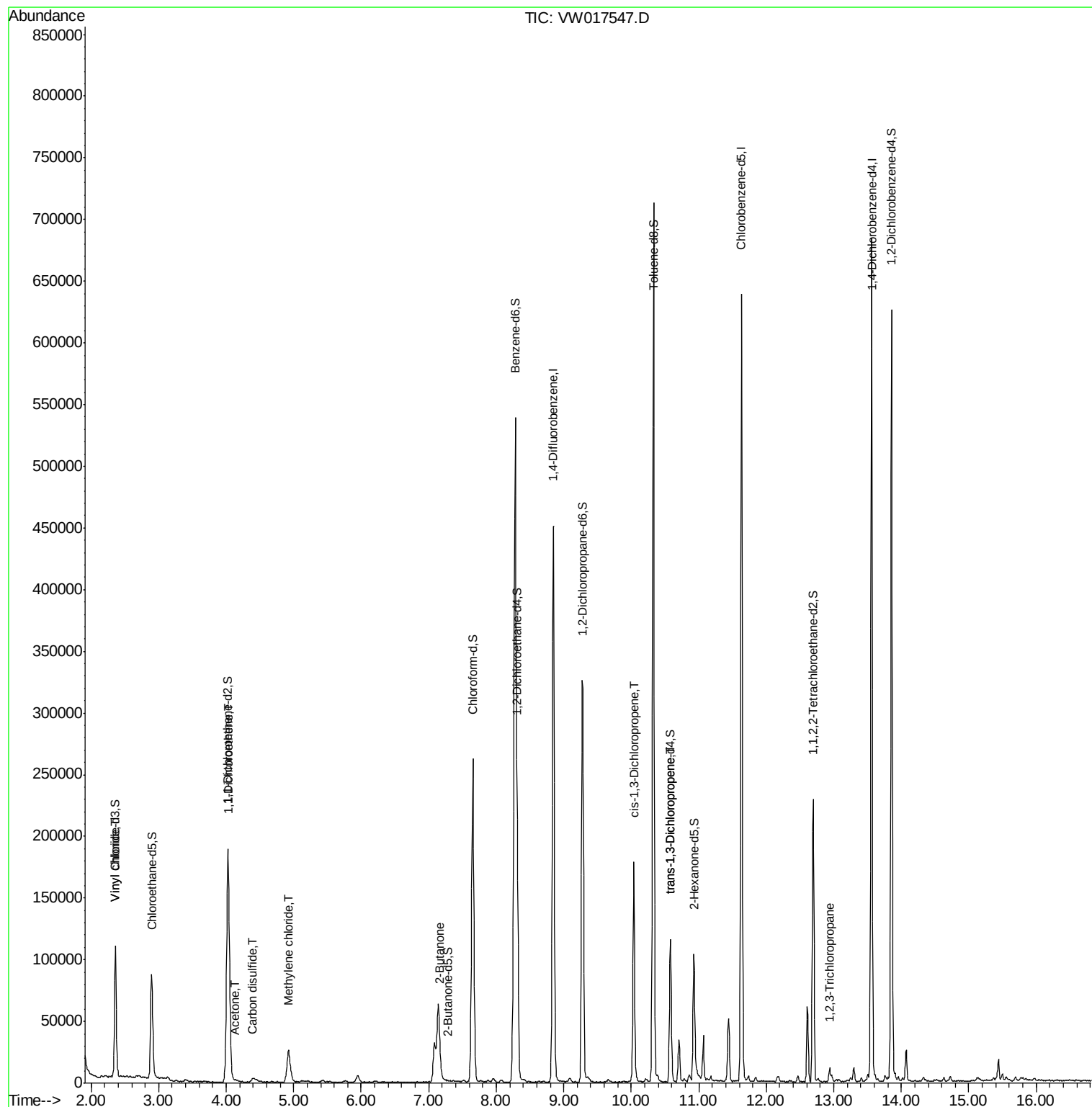
					Ovalue
5) Vinyl chloride	2.36	62	1328	0.278 ug/L #	1
12) 1,1-Dichloroethene	4.04	96	1835	0.339 ug/L #	1
13) Acetone	4.14	43	1337	1.225 ug/L	53
14) Carbon disulfide	4.39	76	4914	0.319 ug/L #	91
16) Methylene chloride	4.92	84	20380	3.478 ug/L	97
21) 2-Butanone	7.17	43	864	0.668 ug/L	76
42) cis-1,3-Dichloropropene	10.04	75	5473	0.681 ug/L #	67
45) trans-1,3-Dichloropropene	10.58	75	3763	0.544 ug/L	97
59) 1,2,3-Trichloropropane	12.93	75	823	0.264 ug/L	99

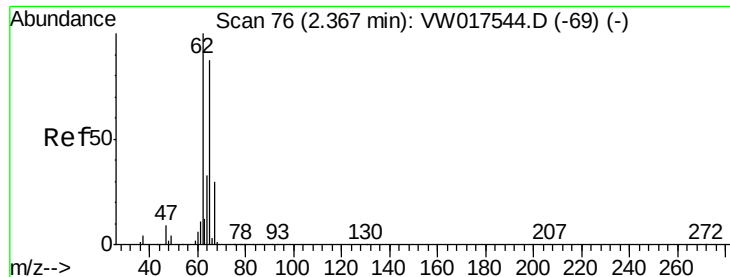
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 05 07:36:07 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.278 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW017547.D

Acq: 04 Dec 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

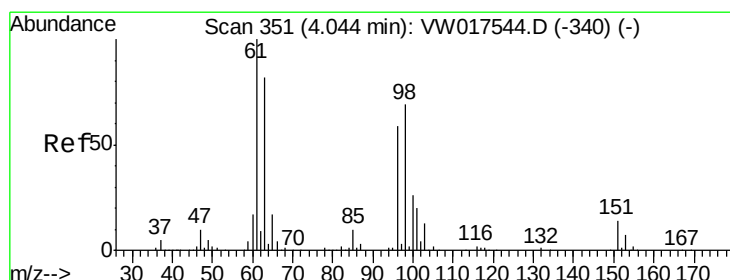
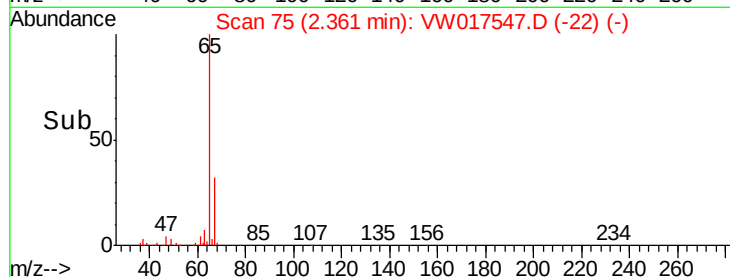
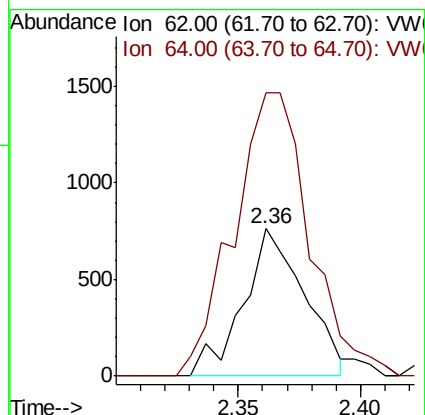
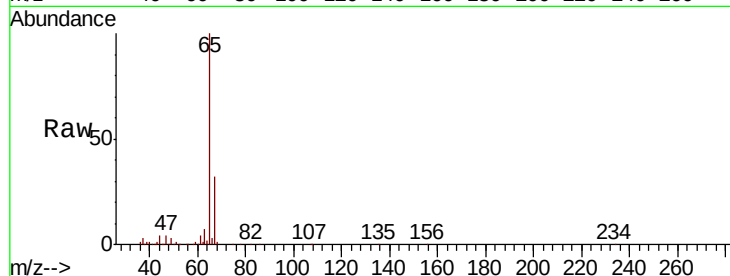
VIBLK16

Tot Ion: 62 Resp: 1328

Ion Ratio Lower Upper

62 100

64 191.9 23.9 44.5#



#12

1,1-Dichloroethene

Concen: 0.339 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW017547.D

Acq: 04 Dec 2020 11:43

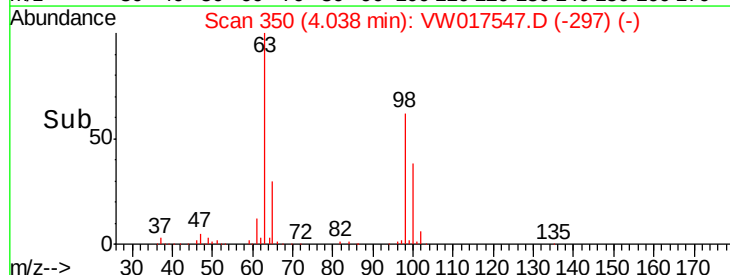
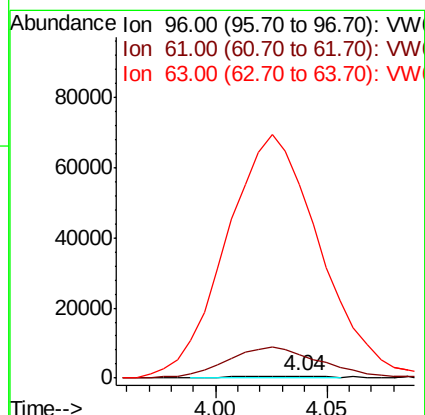
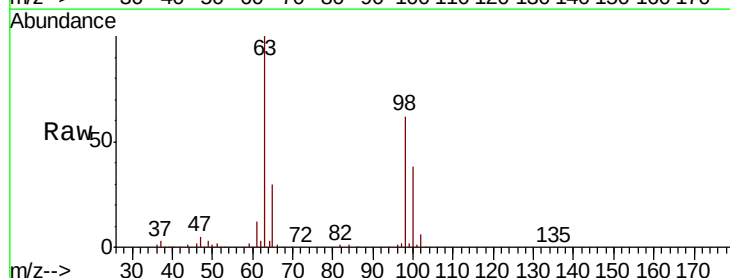
Tgt Ion: 96 Resp: 1835

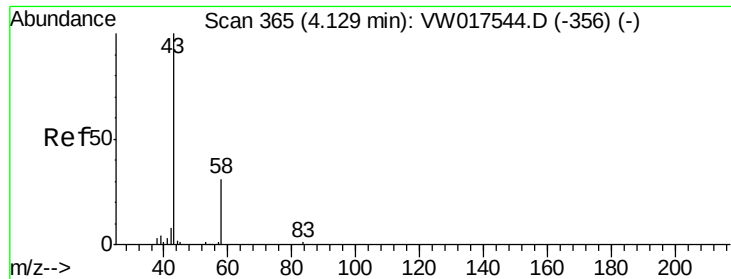
Ion Ratio Lower Upper

96 100

61 1031.9 112.5 208.9#

63 8328.9 83.1 154.3#





#13

Acetone

Concen: 1.225 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017547.D

Acq: 04 Dec 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

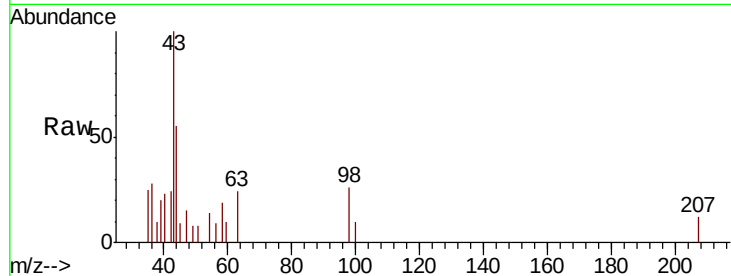
VIBLK16

Tot Ion: 43 Resp: 1337

Ion Ratio Lower Upper

43 100

58 7.4 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

800

600

400

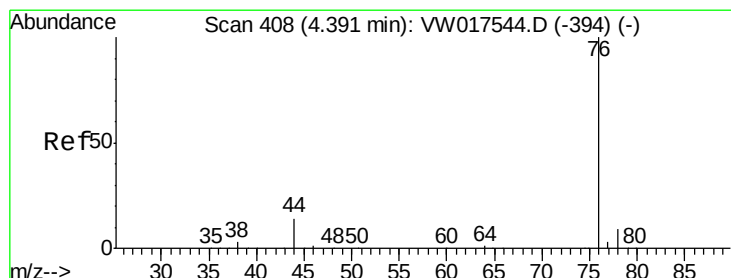
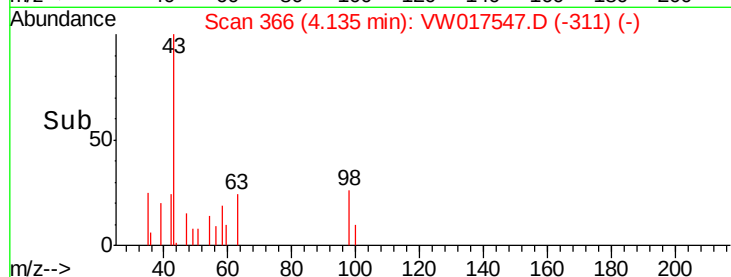
200

0

4.10

4.15

Time-->



#14

Carbon disulfide

Concen: 0.319 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017547.D

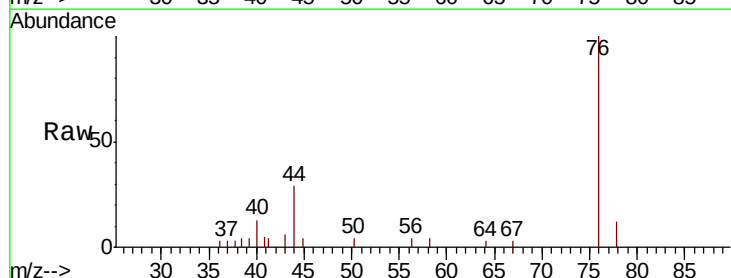
Acq: 04 Dec 2020 11:43

Tgt Ion: 76 Resp: 4914

Ion Ratio Lower Upper

76 100

78 12.0 7.0 10.4#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

2000

1500

1000

500

0

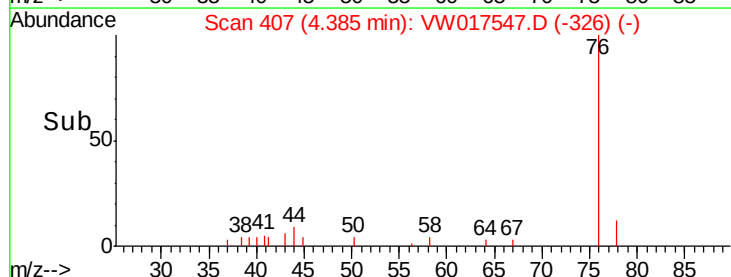
4.30

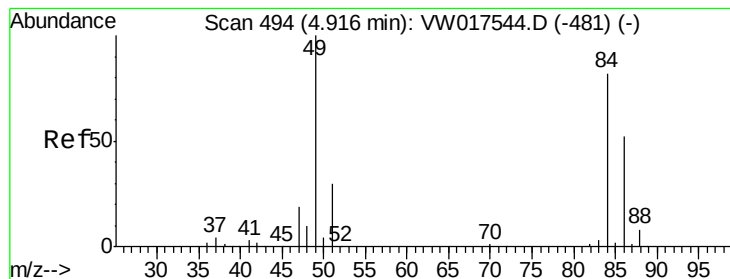
4.35

4.40

4.45

Time-->

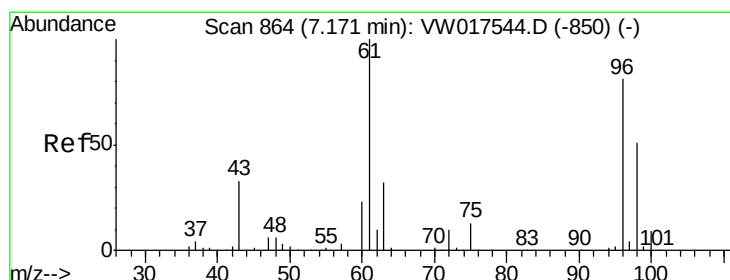
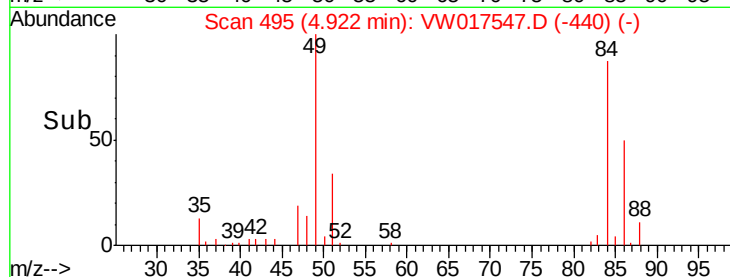
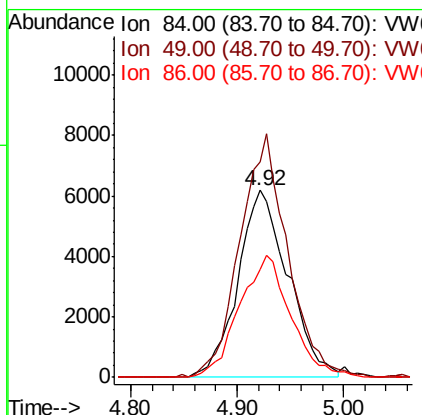
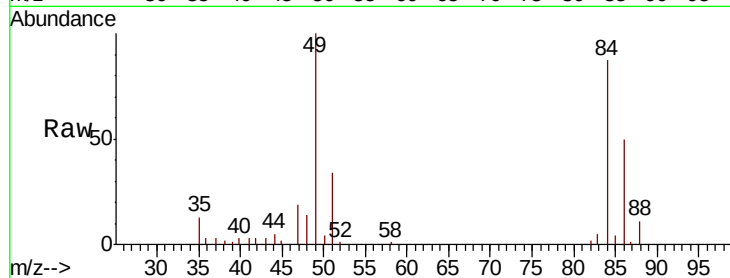




#16
Methylene chloride
Concen: 3.478 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017547.D
Acq: 04 Dec 2020 11:43

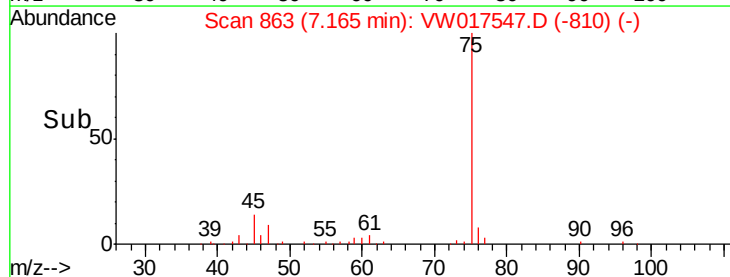
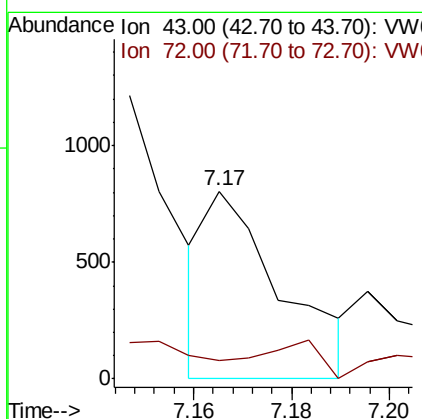
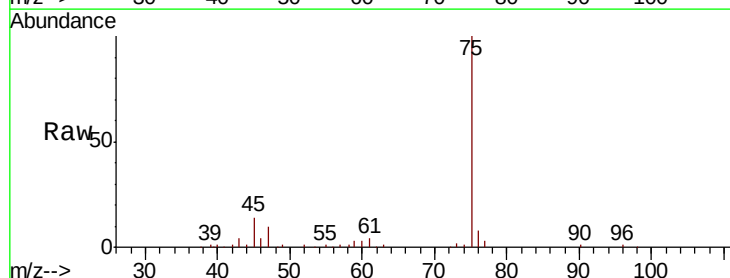
Instrument :
MSVOA_W
ClientSampleId :
VIBLK16

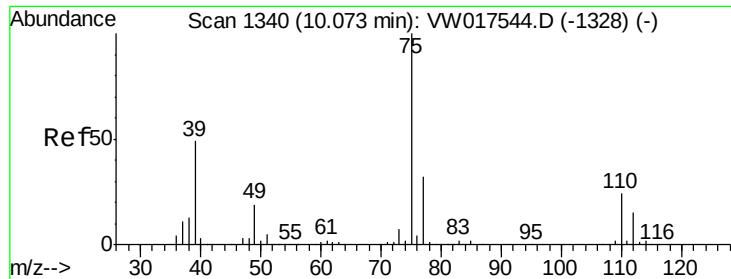
Tot Ion: 84 Resp: 20380
Ion Ratio Lower Upper
84 100
49 115.5 81.2 150.8
86 57.7 44.5 82.7



#21
2-Butanone
Concen: 0.668 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW017547.D
Acq: 04 Dec 2020 11:43

Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
72 16.0 14.4 43.2

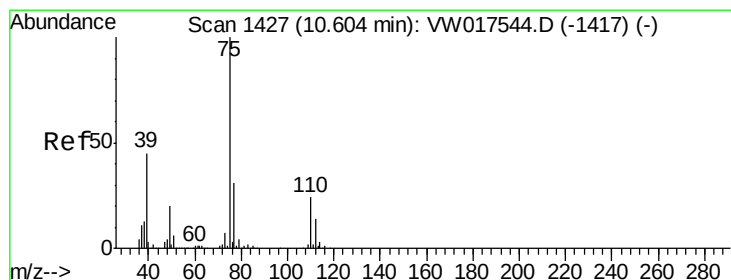
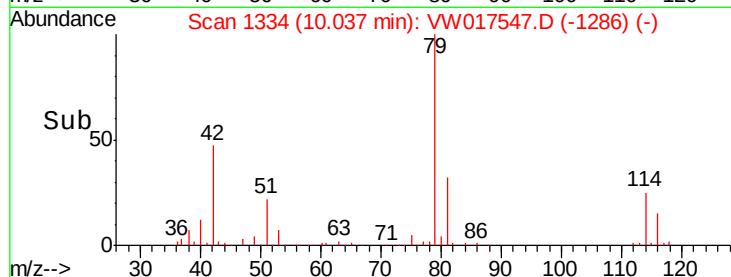
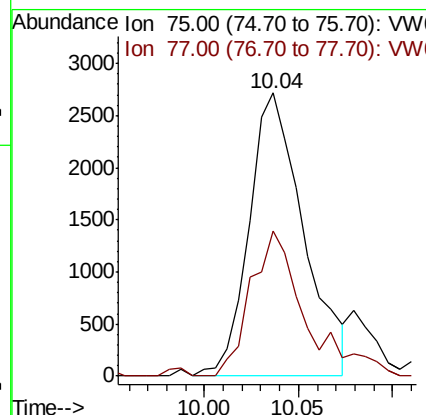
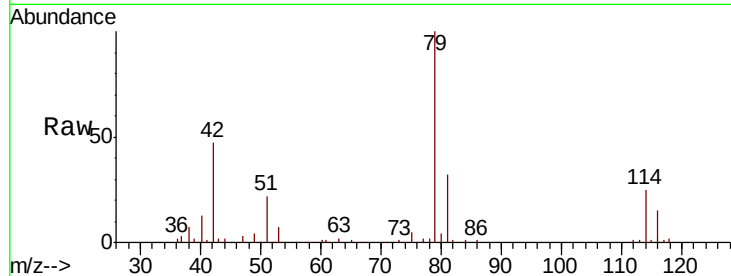




#42
 cis-1,3-Dichloropropene
 Concen: 0.681 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017547.D
 Acq: 04 Dec 2020 11:43

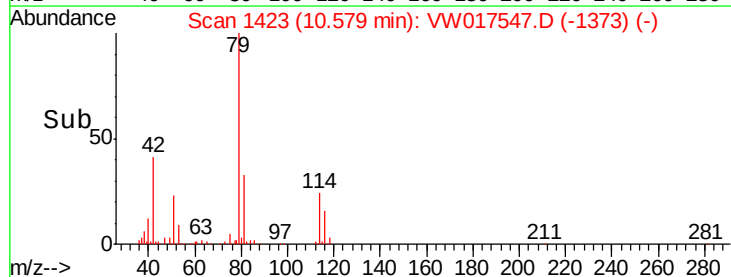
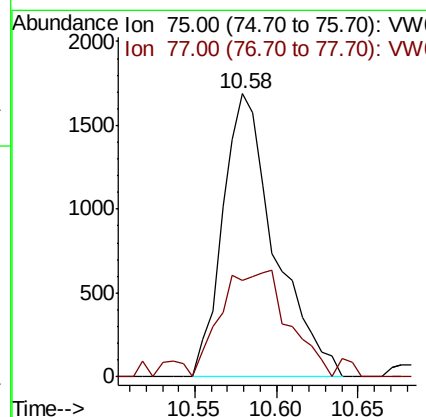
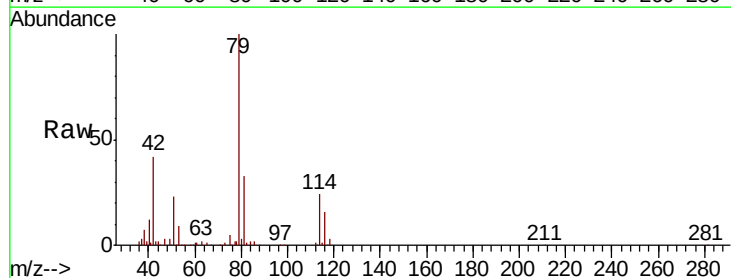
Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK16

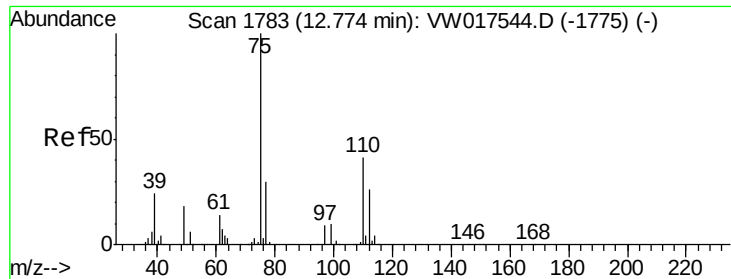
Tot Ion: 75 Resp: 5473
 Ion Ratio Lower Upper
 75 100
 77 51.0 22.7 42.3#



#45
 trans-1,3-Dichloropropene
 Concen: 0.544 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW017547.D
 Acq: 04 Dec 2020 11:43

Tgt Ion: 75 Resp: 3763
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.6 42.0





#59

1,2,3-Trichloropropane

Concen: 0.264 ug/L

RT: 12.93 min Scan# 1809

Delta R.T. 0.16 min

Lab File: VW017547.D

Acq: 04 Dec 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VIBLK16

Tot Ion: 75 Resp: 823

Ion Ratio Lower Upper

75 100

77 32.6 26.6 39.8

