

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016917.D
 Acq On : 15 Oct 2020 17:20
 Operator : SY/VA
 Sample : L4426-02
 Misc : 4.78G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y4

Quant Time: Oct 16 08:16:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	559372	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	486151	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200053	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123375	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.44%
7) Chloroethane-d5	2.89	69	107849	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	4.02	63	186507	15.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.68%
20) 2-Butanone-d5	7.09	46	49959	39.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.94%
24) Chloroform-d	7.65	84	281571	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.31	65	134389	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.28%
29) Benzene-d6	8.27	84	564824	25.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.32%
33) 1,2-Dichloropropane-d6	9.27	67	156025	26.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.16%
37) Toluene-d8	10.32	98	520274	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.88%
38) trans-1,3-Dichloropropene-	10.58	79	54888	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.88%
39) 2-Hexanone-d5	10.93	63	41025	44.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107290	22.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	161583	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

Target Compounds

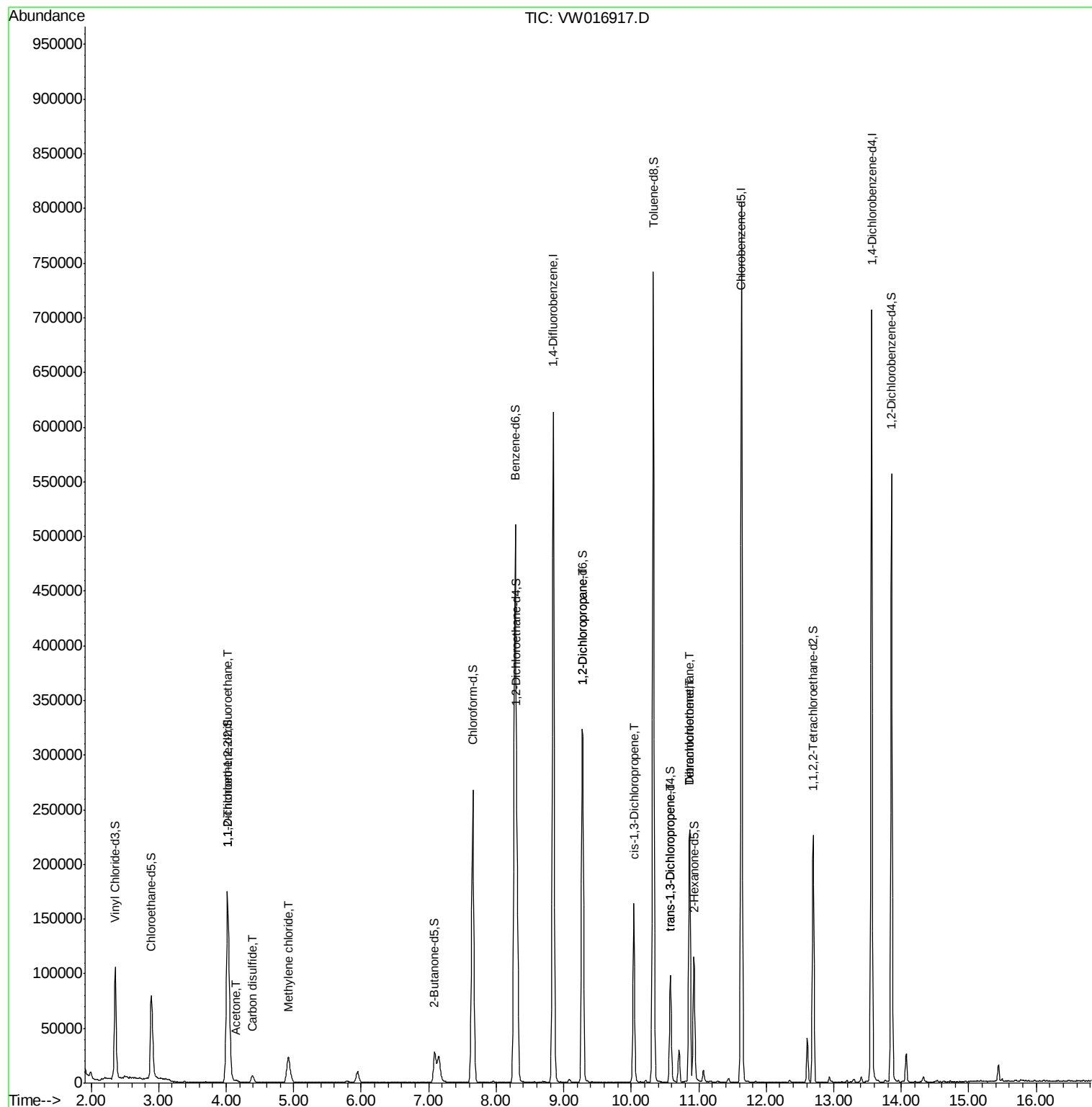
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1998	0.265 ug/L #	17
13) Acetone	4.15	43	3549	3.752 ug/L	71
14) Carbon disulfide	4.39	76	14181	0.684 ug/L	98
16) Methylene chloride	4.92	84	22447	2.908 ug/L	99
40) 1,2-Dichloropropane	9.27	63	17059	2.890 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4066	0.432 ug/L #	75
45) trans-1,3-Dichloropropene	10.58	75	2361	0.298 ug/L	85
47) Tetrachloroethene	10.87	164	57248	8.362 ug/L	97
50) Dibromochloromethane	10.86	129	50742	8.505 ug/L #	11

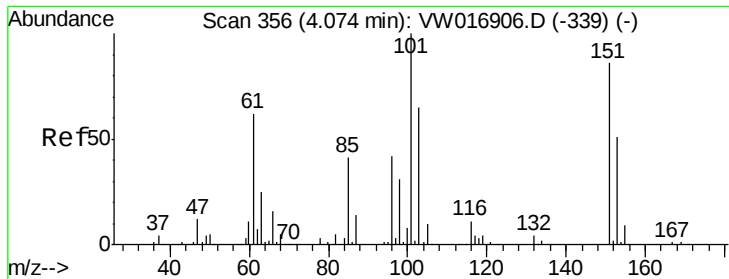
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 16 08:16:07 2020
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Quant Title : VOC Analysis
QLast Update : Fri Oct 16 08:07:29 2020
Response via : Initial Calibration





#11

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

Concen: 0.265 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW016917.D

Acq: 15 Oct 2020 17:20

Instrument :

MSVOA_W

ClientSampled :

BG3Y4

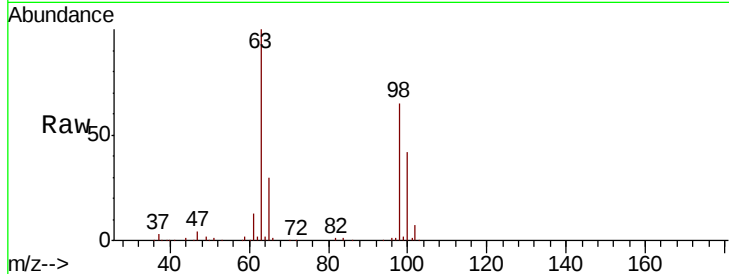
Tot Ion:101 Resp: 1998

Ion Ratio Lower Upper

101 100

85 0.0 31.7 47.5#

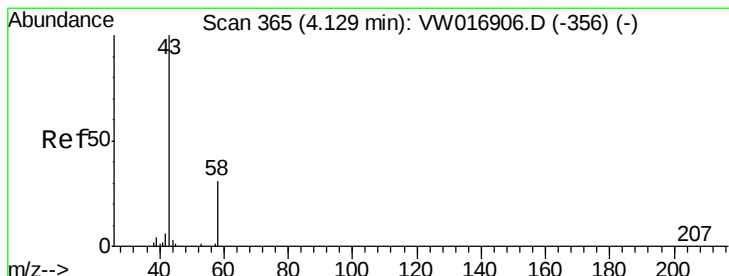
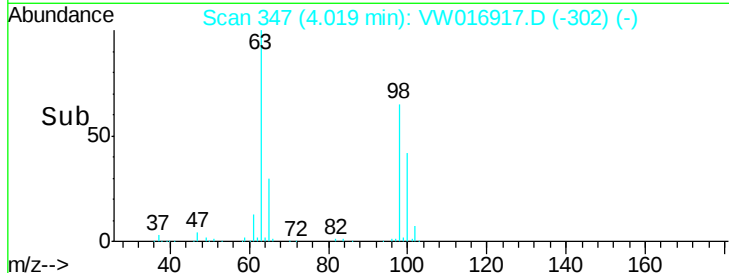
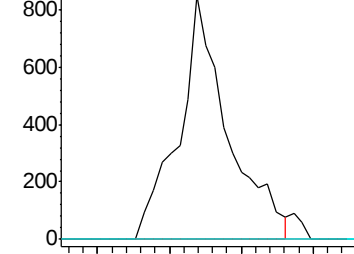
151 0.0 66.6 99.8#



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



#13

Acetone

Concen: 3.752 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016917.D

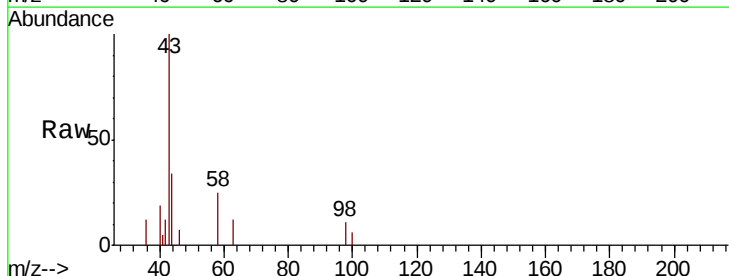
Acq: 15 Oct 2020 17:20

Tgt Ion: 43 Resp: 3549

Ion Ratio Lower Upper

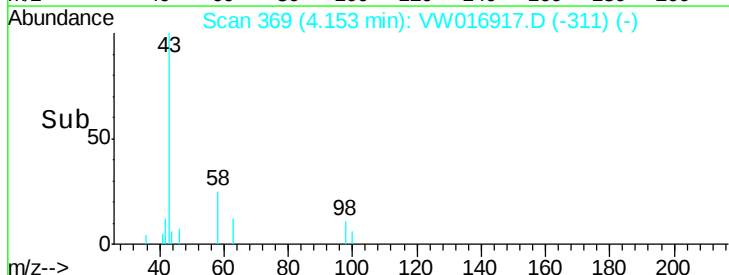
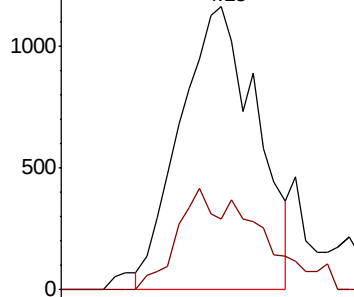
43 100

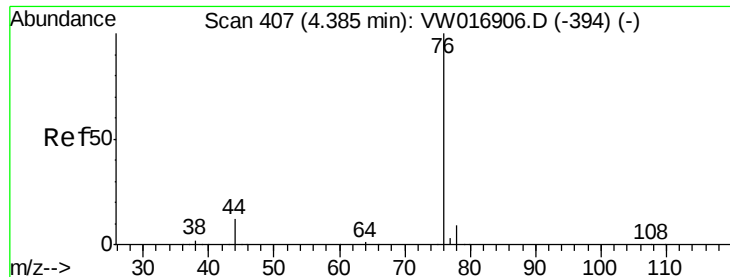
58 17.3 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#14

Carbon disulfide

Concen: 0.684 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW016917.D

Acq: 15 Oct 2020 17:20

Instrument :

MSVOA_W

ClientSampled :

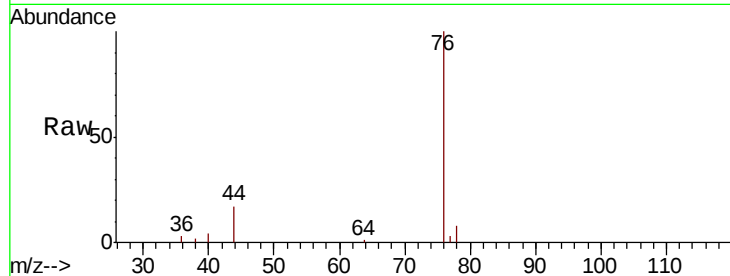
BG3Y4

Tot Ion: 76 Resp: 14181

Ion Ratio Lower Upper

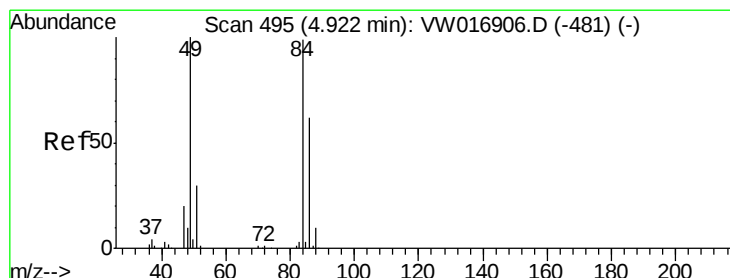
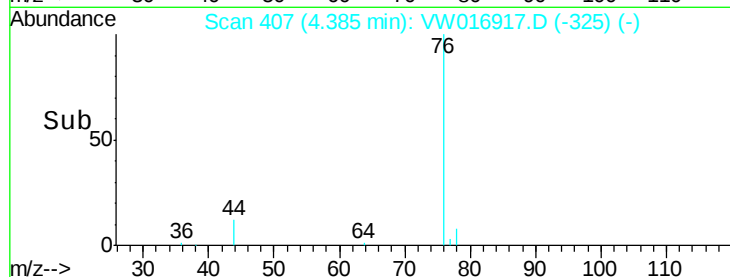
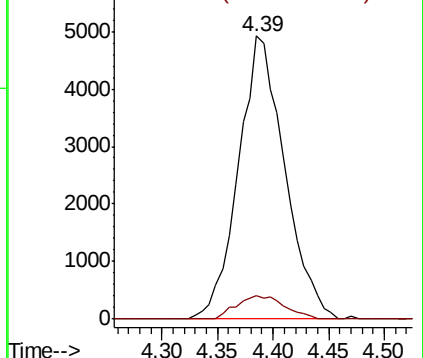
76 100

78 8.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#16

Methylene chloride

Concen: 2.908 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016917.D

Acq: 15 Oct 2020 17:20

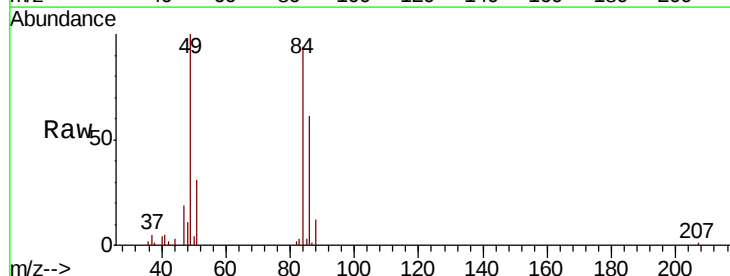
Tgt Ion: 84 Resp: 22447

Ion Ratio Lower Upper

84 100

49 105.9 73.1 135.8

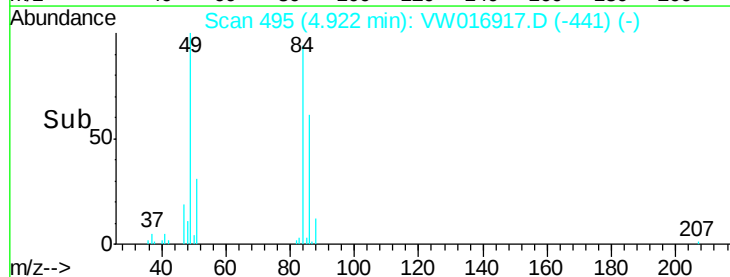
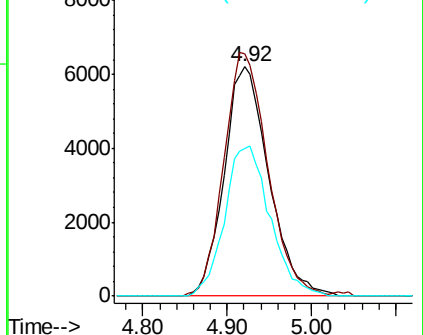
86 64.6 46.0 85.4

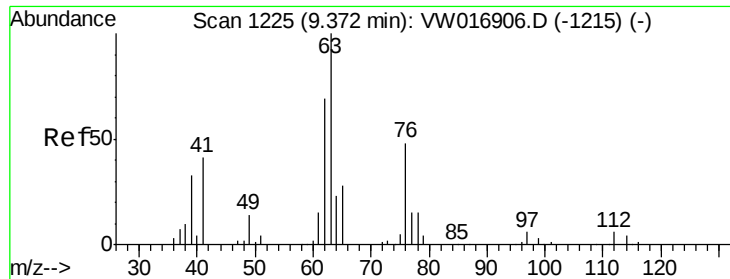


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#40

1,2-Dichloropropane

Concen: 2.890 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016917.D

Acq: 15 Oct 2020 17:20

Instrument :

MSVOA_W

ClientSampleId :

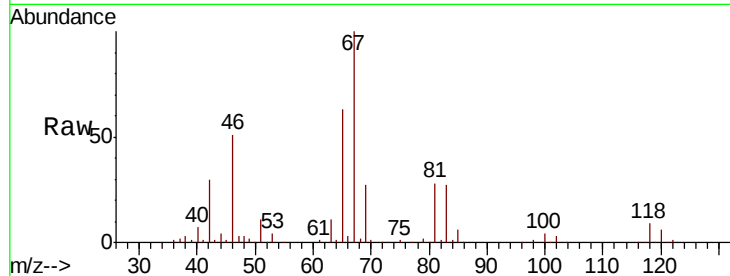
BG3Y4

Tot Ion: 63 Resp: 17059

Ion Ratio Lower Upper

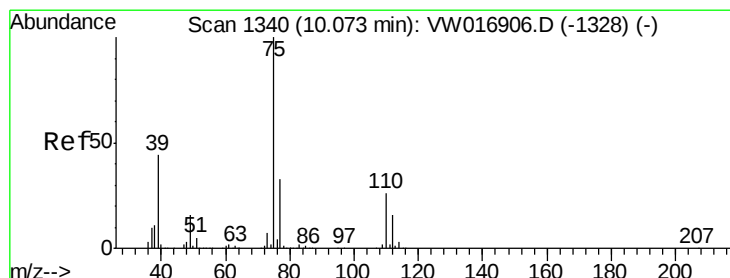
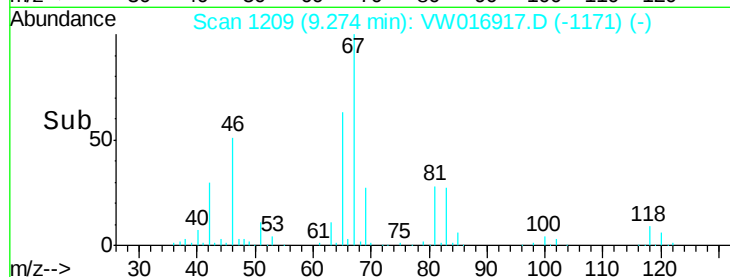
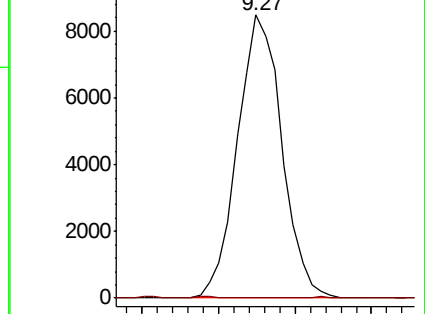
63 100

112 0.3 4.5 6.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.432 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016917.D

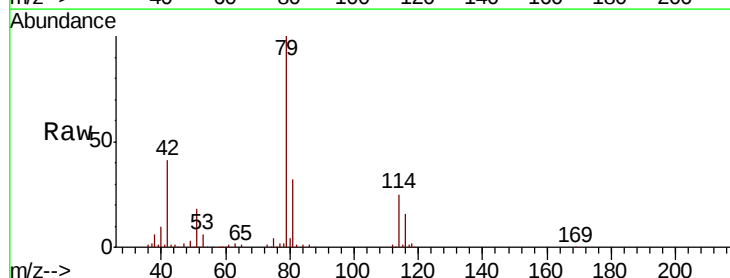
Acq: 15 Oct 2020 17:20

Tgt Ion: 75 Resp: 4066

Ion Ratio Lower Upper

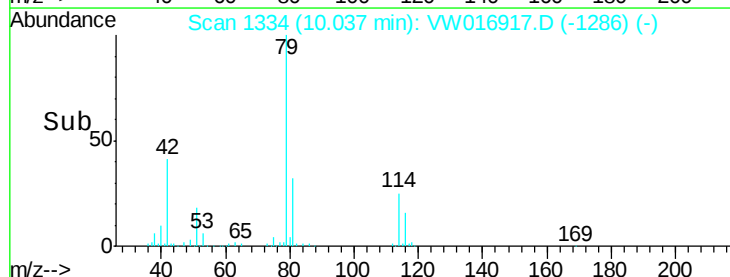
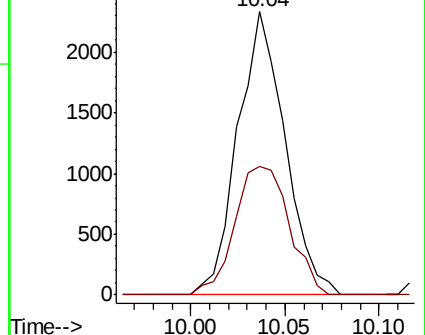
75 100

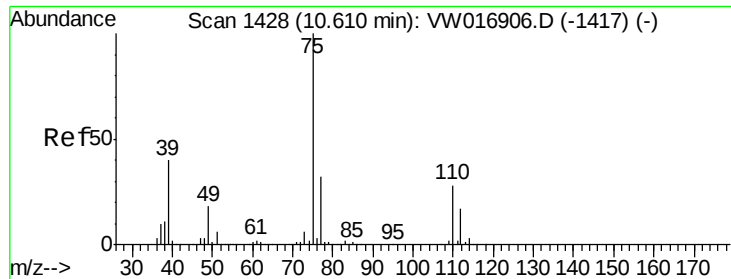
77 45.2 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.298 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016917.D

Acq: 15 Oct 2020 17:20

Instrument :

MSVOA_W

ClientSampleId :

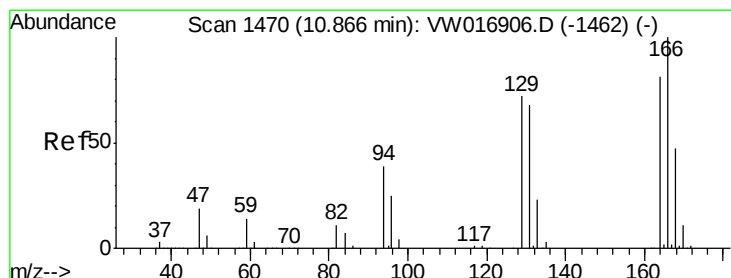
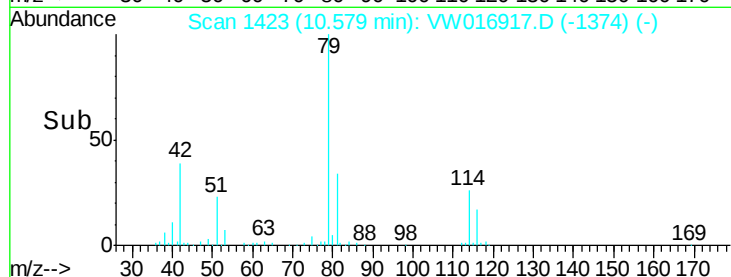
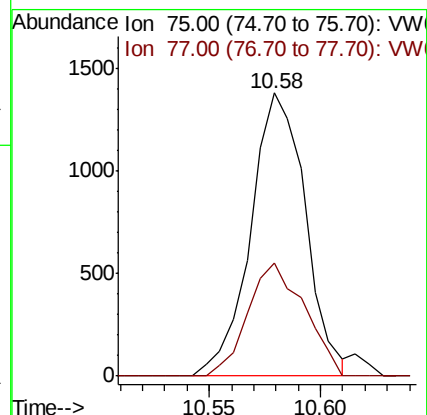
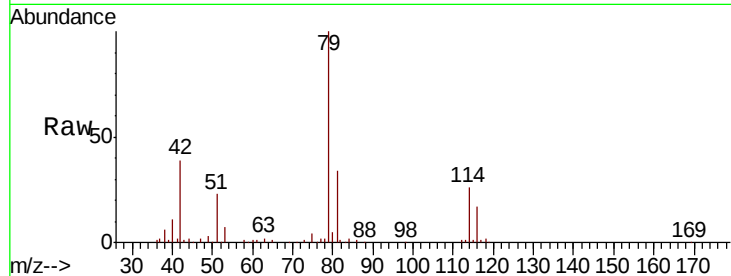
BG3Y4

Tot Ion: 75 Resp: 2361

Ion Ratio Lower Upper

75 100

77 39.9 22.2 41.2



#47

Tetrachloroethene

Concen: 8.362 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016917.D

Acq: 15 Oct 2020 17:20

Tgt Ion: 164 Resp: 57248

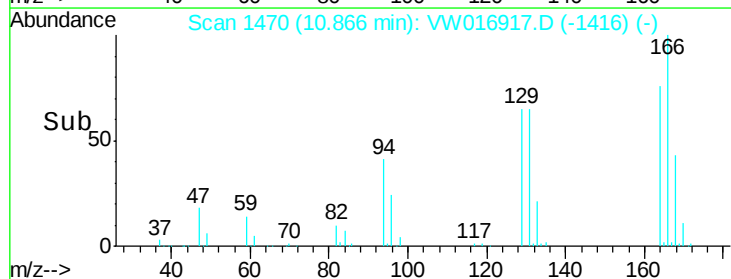
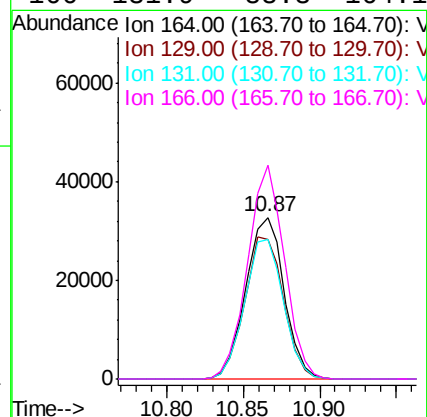
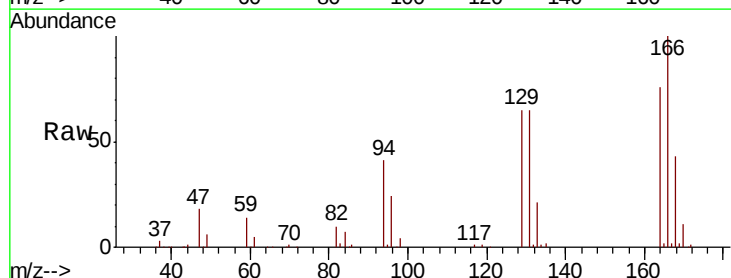
Ion Ratio Lower Upper

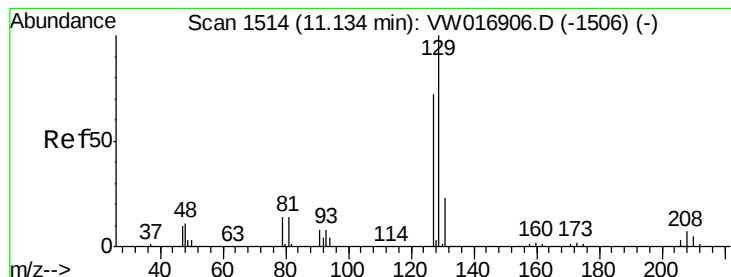
164 100

129 86.0 61.7 114.7

131 86.1 59.7 110.9

166 131.9 88.3 164.1

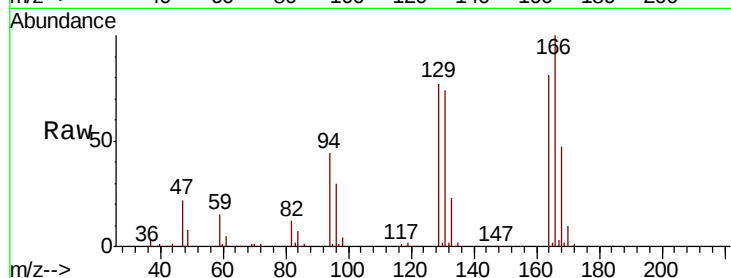




#50
 Dibromochloromethane
 Concen: 8.505 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.27 min
 Lab File: VW016917.D
 Acq: 15 Oct 2020 17:20

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y4

Tot Ion:129 Resp: 50742
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.0 100.4#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

