

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016817.D
 Acq On : 07 Oct 2020 01:03
 Operator : SY/VA
 Sample : L4254-12
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T5

Quant Time: Oct 07 03:15:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	530737	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	449597	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168583	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128600	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
7) Chloroethane-d5	2.89	69	107404	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.80%
10) 1,1-Dichloroethene-d2	4.03	63	171004	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	7.08	46	55030	46.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.80%
24) Chloroform-d	7.65	84	262346	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.31	65	133779	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.92%
29) Benzene-d6	8.27	84	538748	26.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.52%
33) 1,2-Dichloropropane-d6	9.27	67	145889	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.36%
37) Toluene-d8	10.32	98	486770	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.04%
38) trans-1,3-Dichloropropene-	10.58	79	50765	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.88%
39) 2-Hexanone-d5	10.93	63	44908	52.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105990	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	139793	26.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.56%

Target Compounds

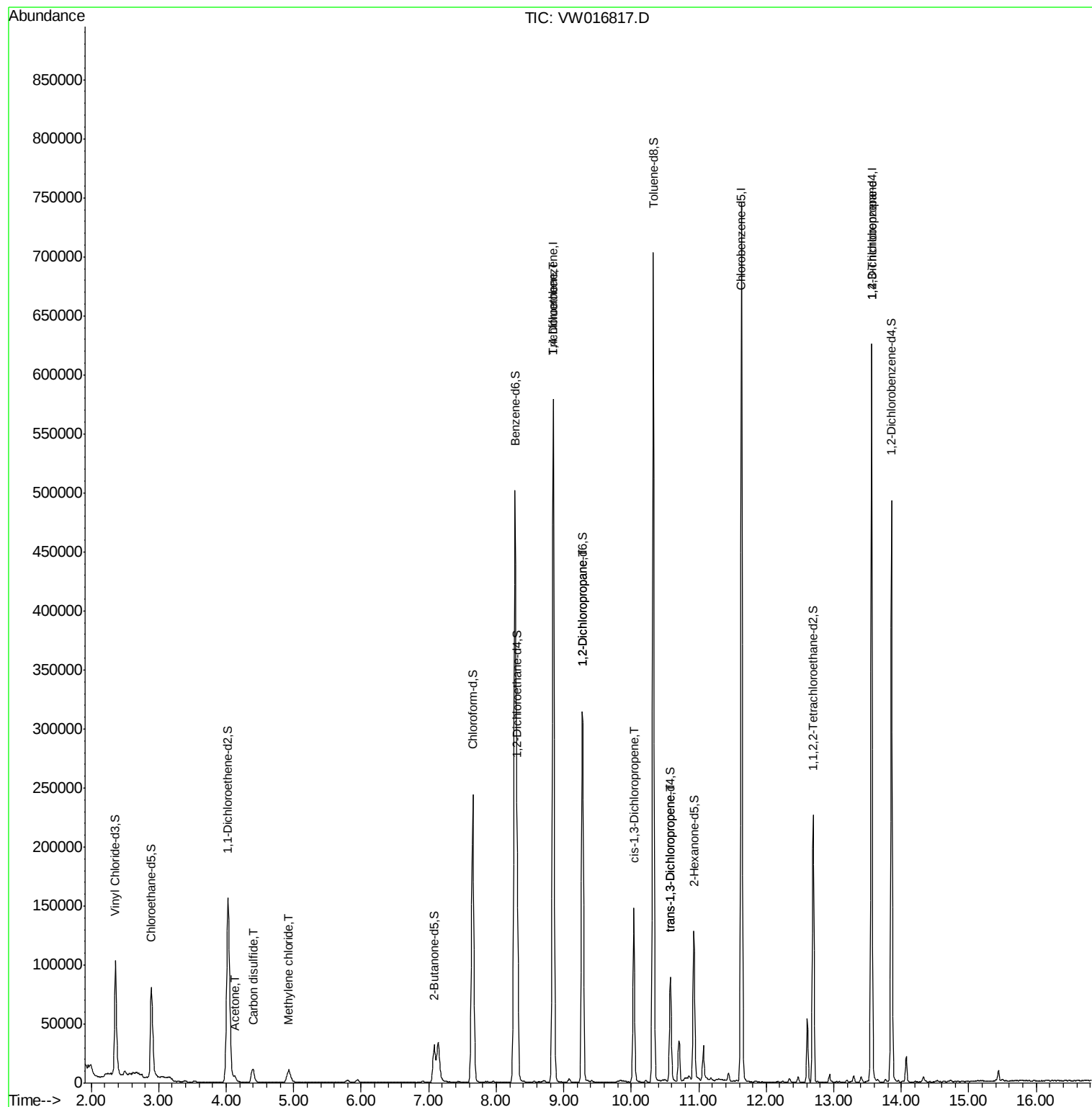
					Ovalue
13) Acetone	4.13	43	8342	9.295 ug/L	72
14) Carbon disulfide	4.40	76	27271	1.386 ug/L	97
16) Methylene chloride	4.93	84	11061	1.510 ug/L	95
35) Trichloroethene	8.84	95	15581	2.281 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	16620	3.044 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3911	0.449 ug/L #	65
45) trans-1,3-Dichloropropene	10.58	75	2353	0.321 ug/L #	79
59) 1,2,3-Trichloropropane	13.56	75	17156	4.828 ug/L	91

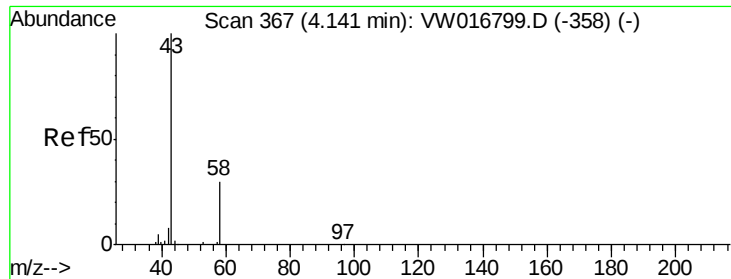
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 9.295 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016817.D

Acq: 07 Oct 2020 01:03

Instrument :

MSVOA_W

ClientSampleId :

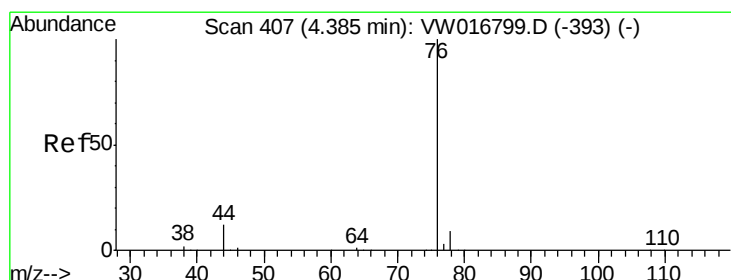
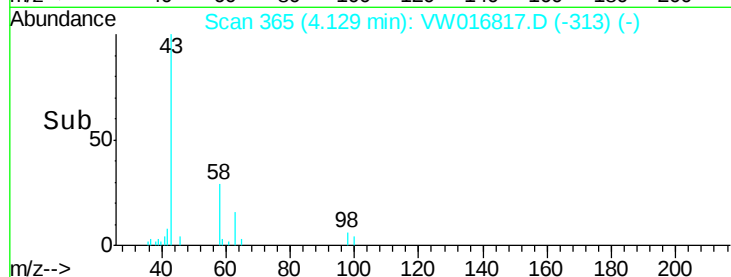
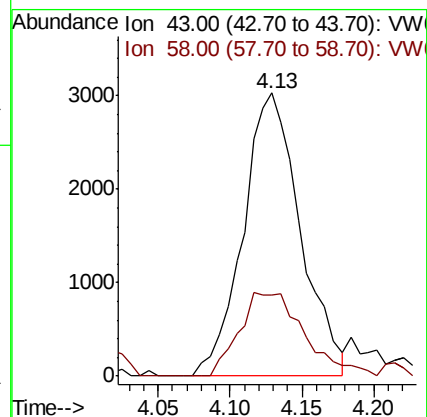
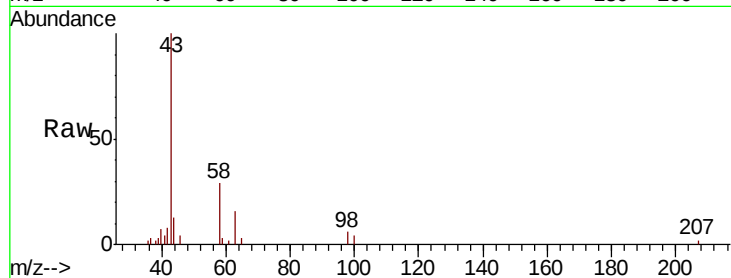
BG3T5

Tot Ion: 43 Resp: 8342

Ion Ratio Lower Upper

43 100

58 18.0 0.0 67.6



#14

Carbon disulfide

Concen: 1.386 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW016817.D

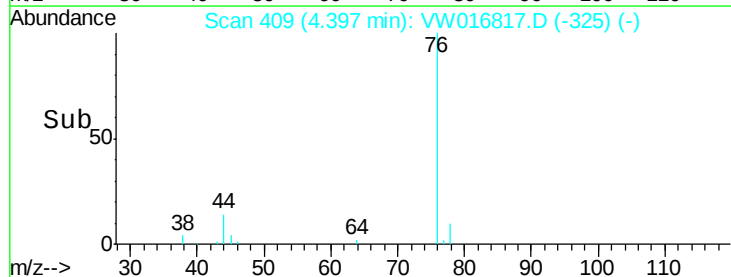
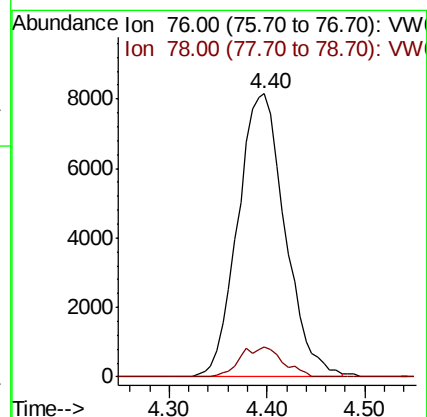
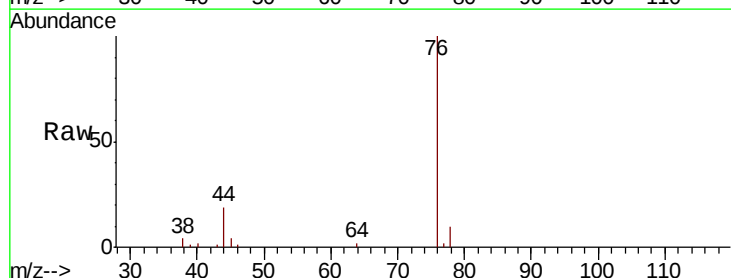
Acq: 07 Oct 2020 01:03

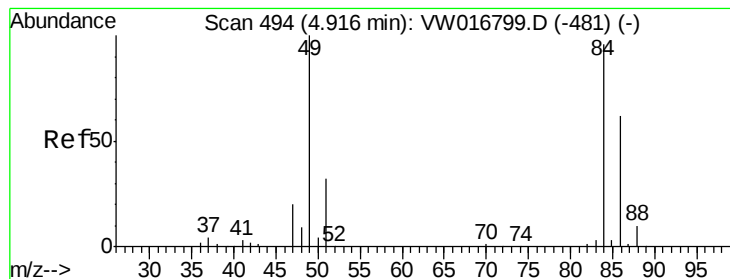
Tgt Ion: 76 Resp: 27271

Ion Ratio Lower Upper

76 100

78 10.4 7.4 11.0





#16

Methvlene chloride

Concen: 1.510 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016817.D

Acq: 07 Oct 2020 01:03

Instrument :

MSVOA_W

ClientSampleId :

BG3T5

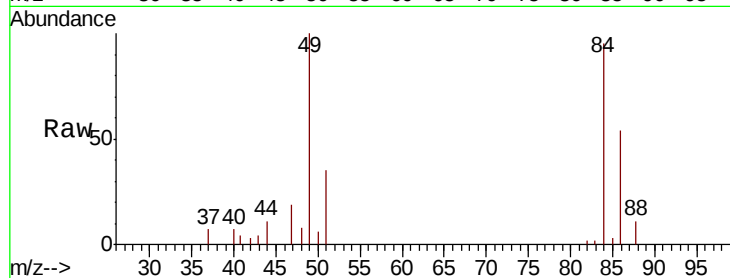
Tot Ion: 84 Resp: 11061

Ion Ratio Lower Upper

84 100

49 105.4 73.1 135.8

86 56.6 46.0 85.4



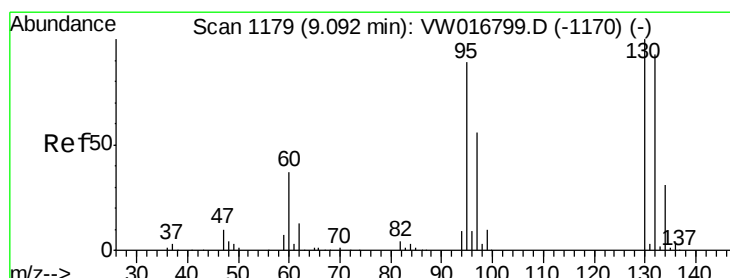
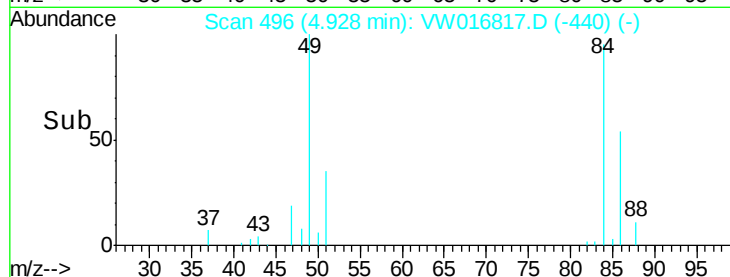
Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.93

Time-->



#35

Trichloroethene

Concen: 2.281 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016817.D

Acq: 07 Oct 2020 01:03

Tgt Ion: 95 Resp: 15581

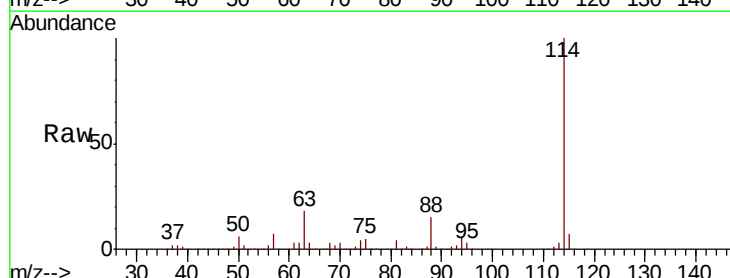
Ion Ratio Lower Upper

95 100

97 0.3 44.7 83.1#

132 0.0 73.8 137.2#

130 0.0 77.1 143.3#



Abundance Ion 95.00 (94.70 to 95.70): VW

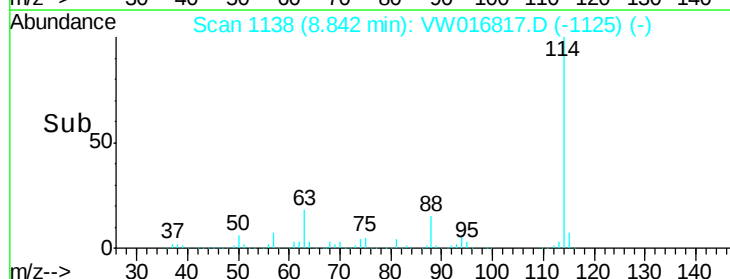
Ion 97.00 (96.70 to 97.70): VW

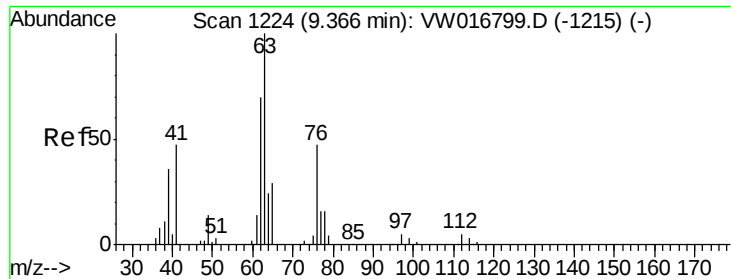
Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW

8.84

Time-->





#40

1,2-Dichloropropane

Concen: 3.044 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW016817.D

Acq: 07 Oct 2020 01:03

Instrument :

MSVOA_W

ClientSampleId :

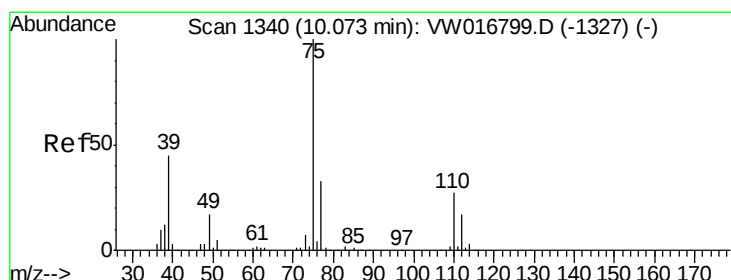
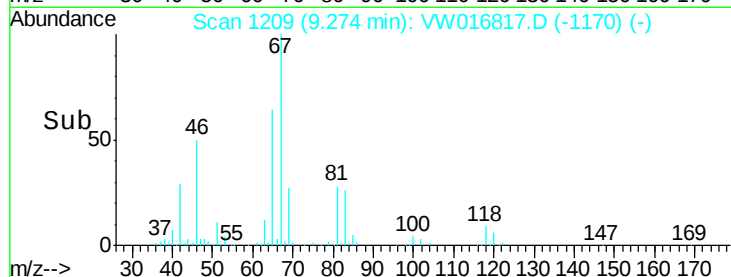
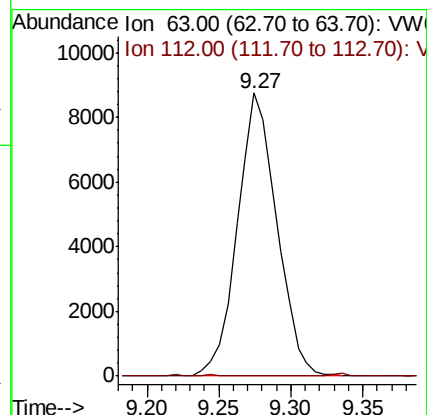
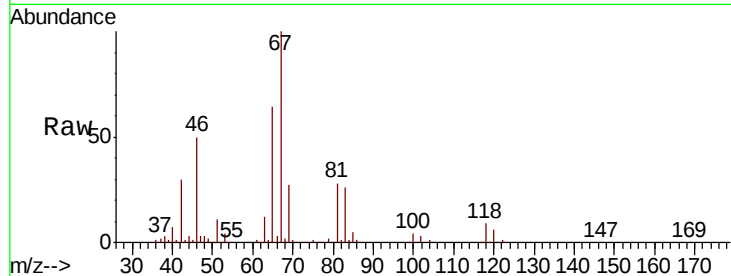
BG3T5

Tot Ion: 63 Resp: 16620

Ion Ratio Lower Upper

63 100

112 0.3 4.5 6.7#



#42

cis-1,3-Dichloropropene

Concen: 0.449 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016817.D

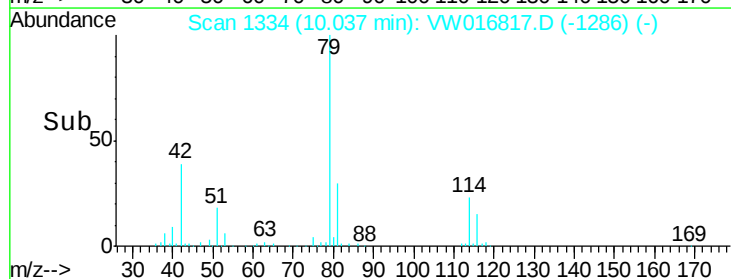
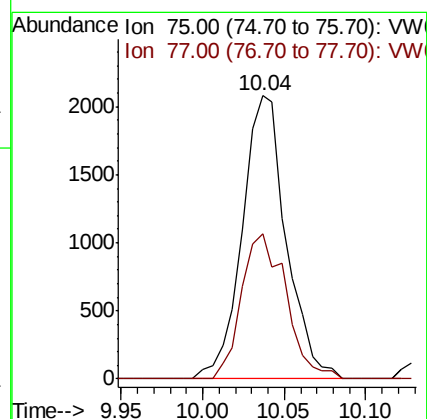
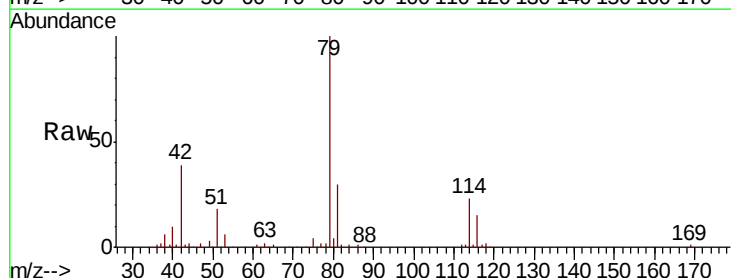
Acq: 07 Oct 2020 01:03

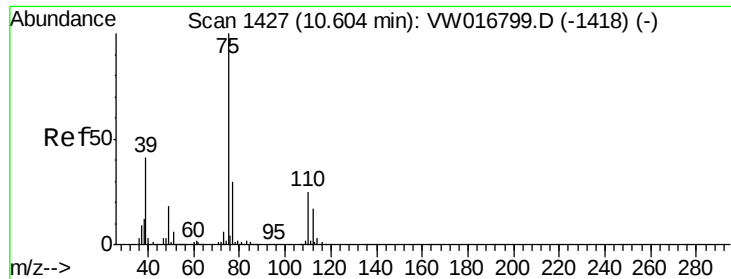
Tgt Ion: 75 Resp: 3911

Ion Ratio Lower Upper

75 100

77 51.1 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.321 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW016817.D

Acq: 07 Oct 2020 01:03

Instrument :

MSVOA_W

ClientSampleId :

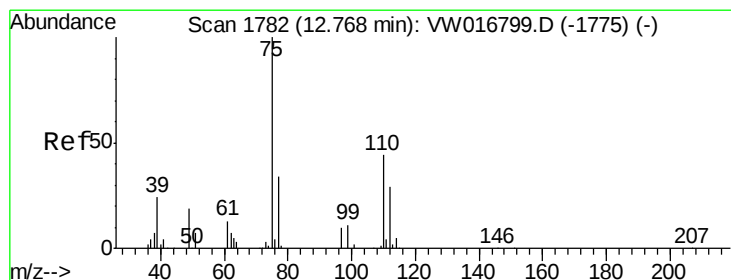
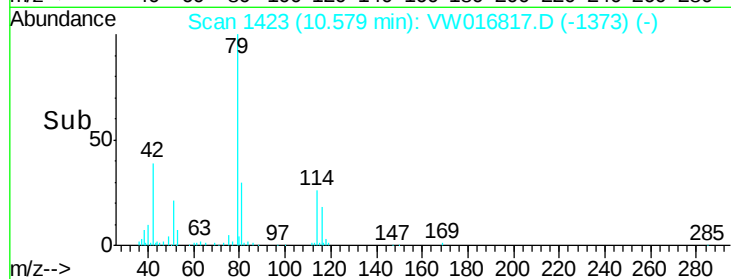
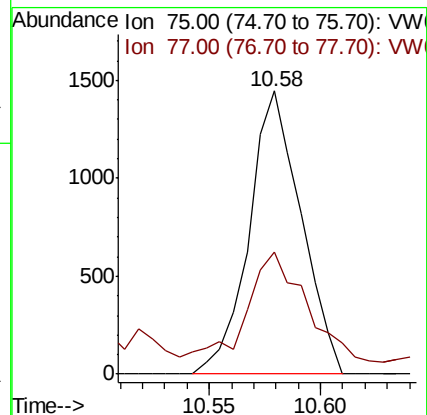
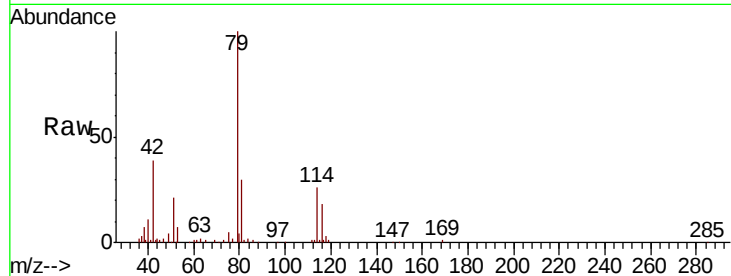
BG3T5

Tot Ion: 75 Resp: 2353

Ion Ratio Lower Upper

75 100

77 43.2 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 4.828 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016817.D

Acq: 07 Oct 2020 01:03

Tgt Ion: 75 Resp: 17156

Ion Ratio Lower Upper

75 100

77 37.7 26.2 39.2

