

Data File : VW016850.D
Acq On : 08 Oct 2020 12:57
Operator : SY/VA
Sample : L4284-03RE
Misc : 5.33G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W0

Quant Time: Oct 09 08:09:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	582552	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	525421	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	242061	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153163	26.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.60%
7) Chloroethane-d5	2.90	69	130013	26.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.88%
10) 1,1-Dichloroethene-d2	4.03	63	222821	18.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.04%
20) 2-Butanone-d5	7.08	46	55582	42.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.40%
24) Chloroform-d	7.65	84	305598	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.31	65	151671	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.20%
29) Benzene-d6	8.28	84	633937	26.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.28%
33) 1,2-Dichloropropane-d6	9.28	67	171299	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.84%
37) Toluene-d8	10.33	98	591457	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.08%
38) trans-1,3-Dichloropropene-	10.58	79	35772	12.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	50.60%
39) 2-Hexanone-d5	10.93	63	47002	47.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120902	23.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	208373	27.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.56%

Target Compounds

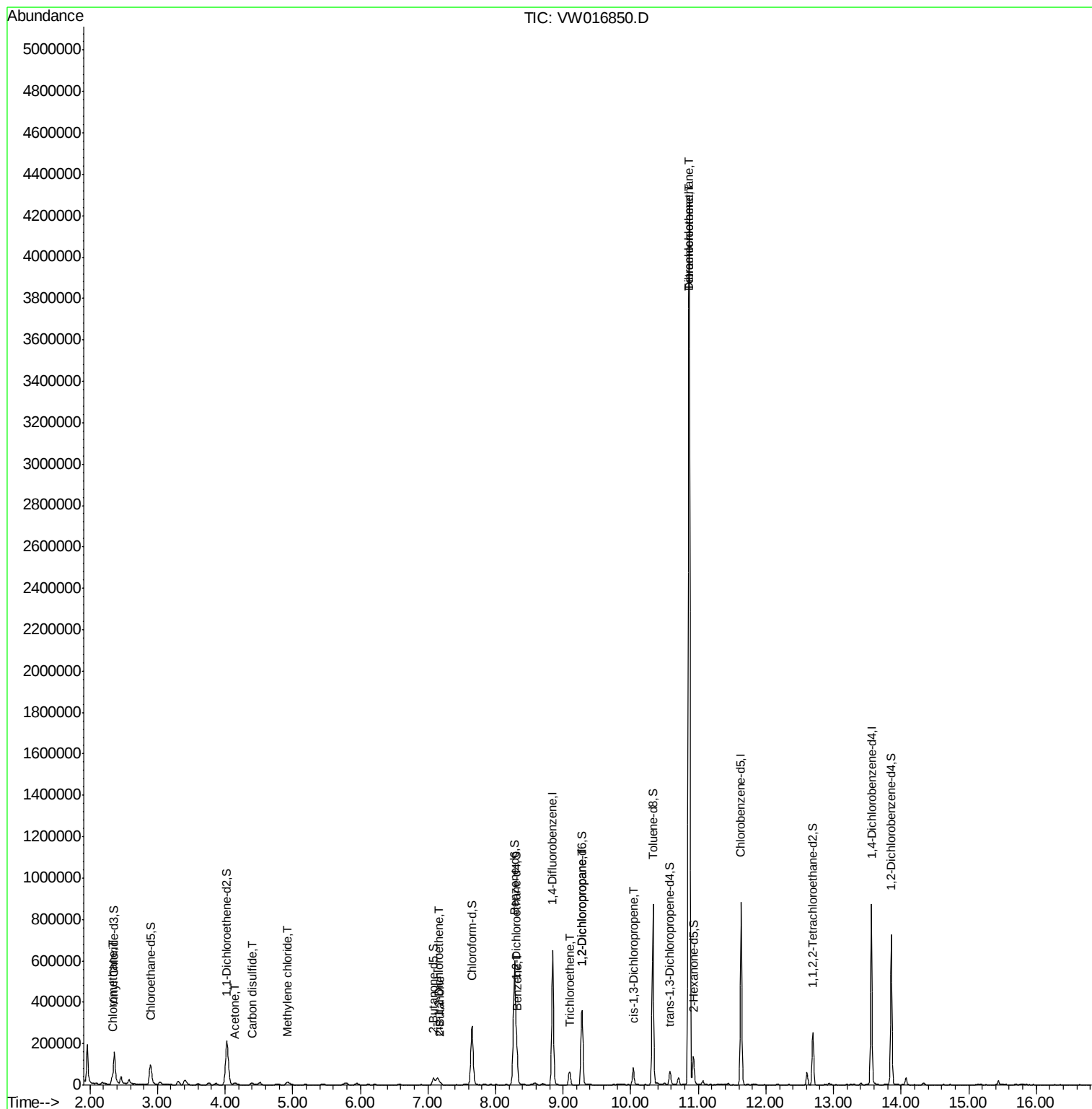
					Qvalue
3) Chloromethane	2.33	50	1762	0.287 ug/L	87
13) Acetone	4.14	43	10470	10.629 ug/L	91
14) Carbon disulfide	4.40	76	22583	1.046 ug/L	97
16) Methylene chloride	4.92	84	12612	1.569 ug/L	93
21) 2-Butanone	7.18	43	5023	3.038 ug/L	86
22) cis-1,2-Dichloroethene	7.17	96	2715	0.338 ug/L #	79
34) Benzene	8.33	78	10474	0.371 ug/L	100
35) Trichloroethene	9.10	95	21239	2.661 ug/L	97
40) 1,2-Dichloropropane	9.27	63	18880	2.959 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2269	0.223 ug/L #	50
47) Tetrachloroethene	10.87	164	1011247	136.666 ug/L	99
50) Dibromochloromethane	10.87	129	915866	142.042 ug/L #	11

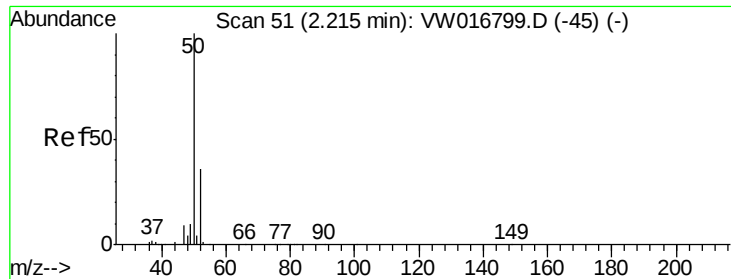
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.287 ug/L

RT: 2.33 min Scan# 70

Delta R.T. 0.11 min

Lab File: VW016850.D

Acq: 08 Oct 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

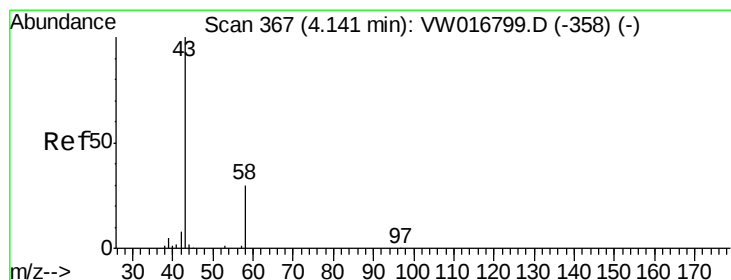
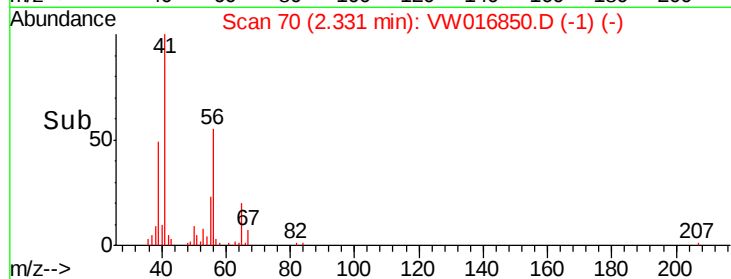
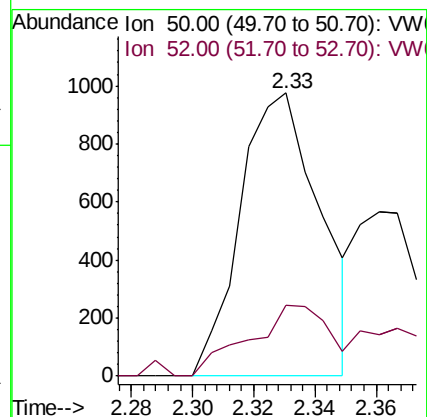
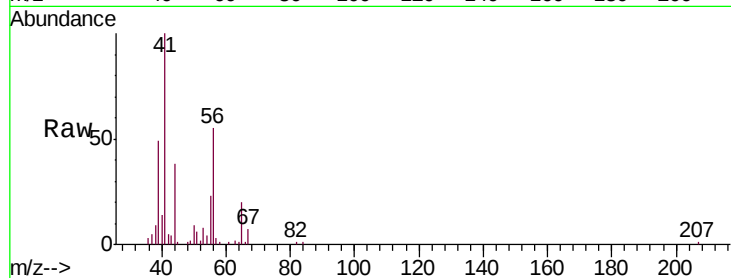
BG3W0

Tgt Ion: 50 Resp: 1762

Ion Ratio Lower Upper

50 100

52 25.2 22.7 42.3



#13

Acetone

Concen: 10.629 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016850.D

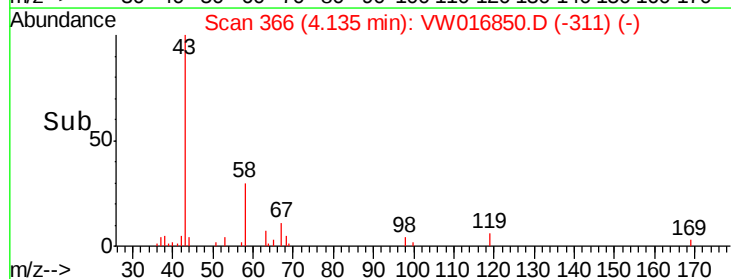
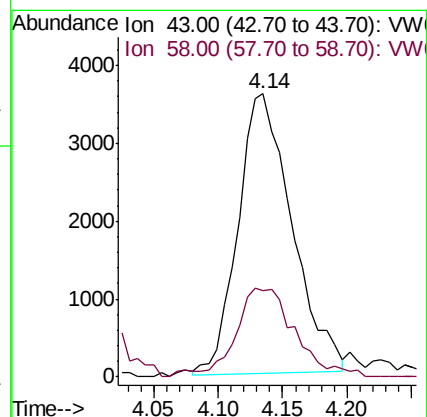
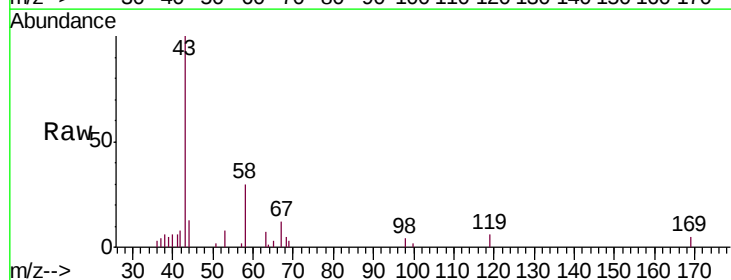
Acq: 08 Oct 2020 12:57

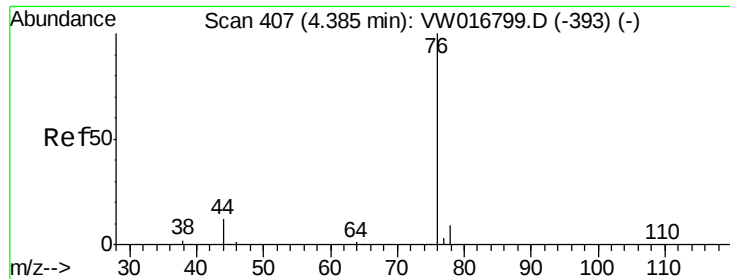
Tgt Ion: 43 Resp: 10470

Ion Ratio Lower Upper

43 100

58 28.7 0.0 67.6

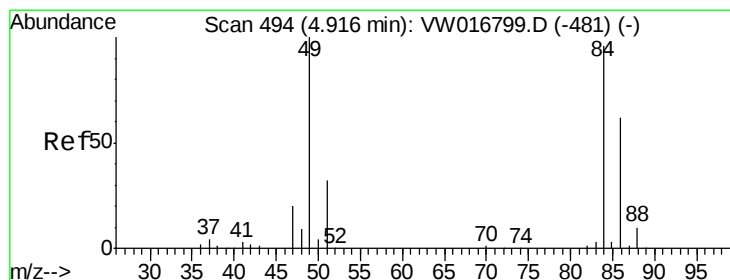
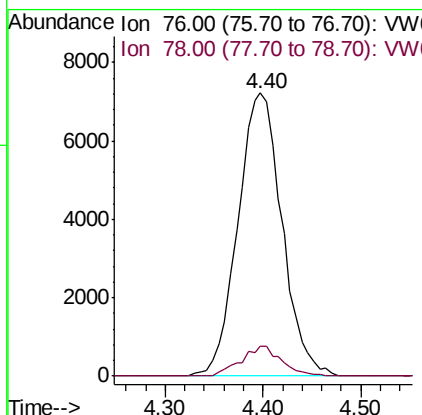
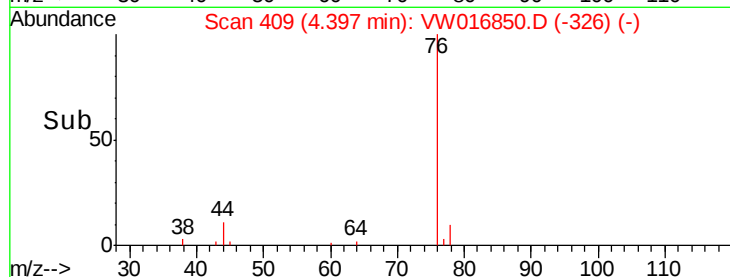
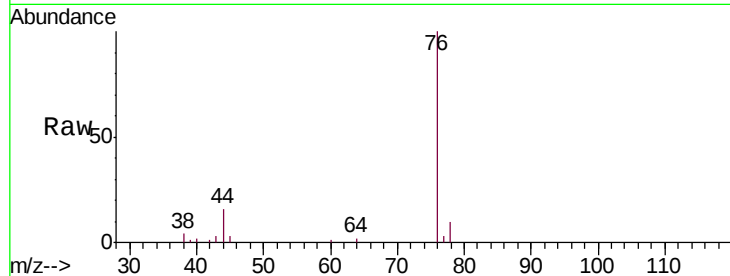




#14
Carbon disulfide
Concen: 1.046 ug/L
RT: 4.40 min Scan# 409
Delta R.T. 0.01 min
Lab File: VW016850.D
Acq: 08 Oct 2020 12:57

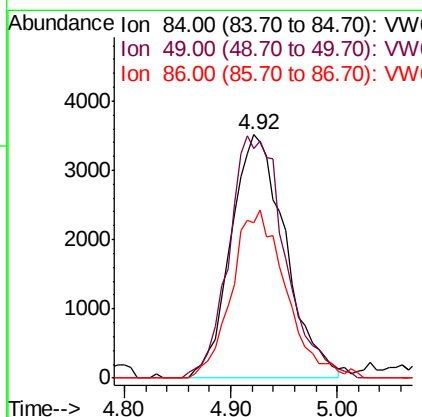
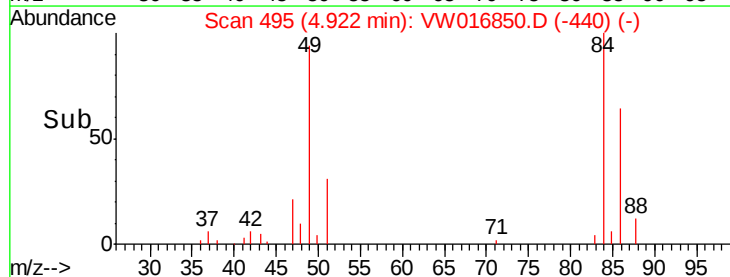
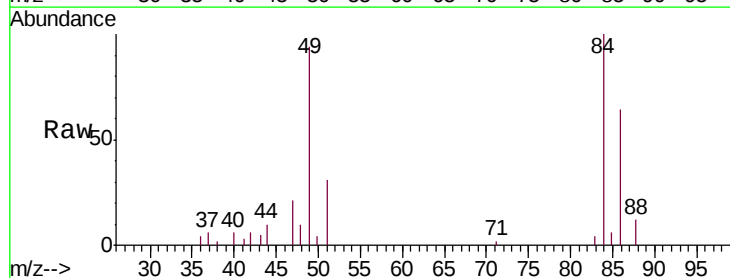
Instrument :
MSVOA_W
ClientSampleId :
BG3W0

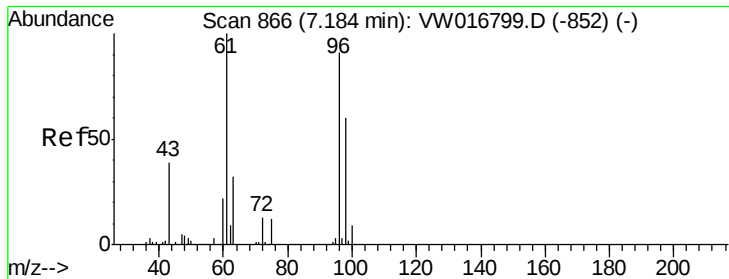
Tgt Ion: 76 Resp: 22583
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0



#16
Methylene chloride
Concen: 1.569 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016850.D
Acq: 08 Oct 2020 12:57

Tgt Ion: 84 Resp: 12612
Ion Ratio Lower Upper
84 100
49 94.1 73.1 135.8
86 63.7 46.0 85.4





#21

2-Butanone

Concen: 3.038 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW016850.D

Acq: 08 Oct 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

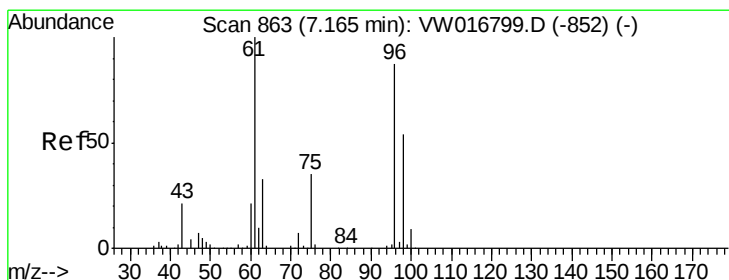
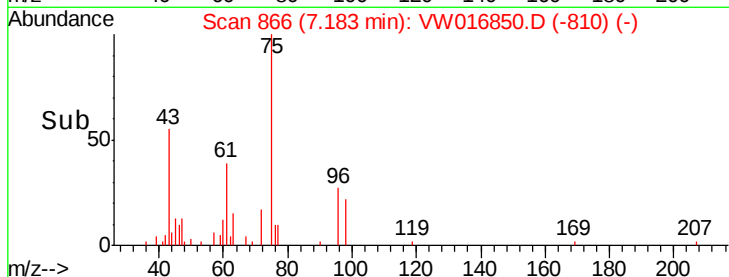
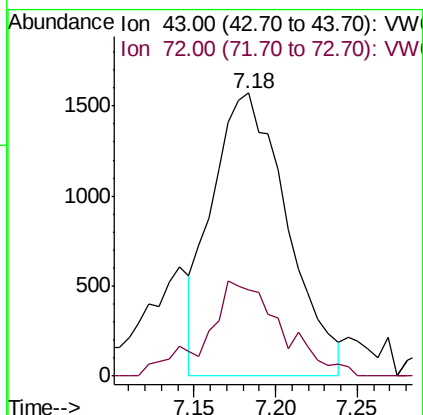
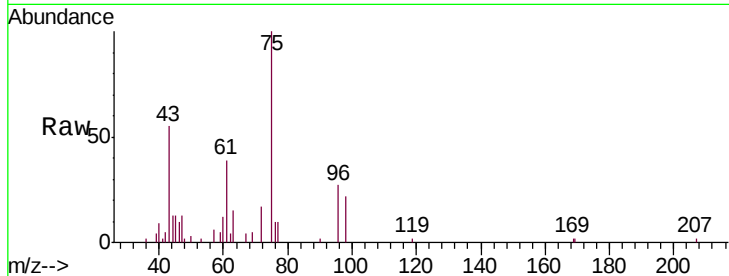
BG3W0

Tgt Ion: 43 Resp: 5023

Ion Ratio Lower Upper

43 100

72 24.4 16.2 48.5



#22

cis-1,2-Dichloroethene

Concen: 0.338 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW016850.D

Acq: 08 Oct 2020 12:57

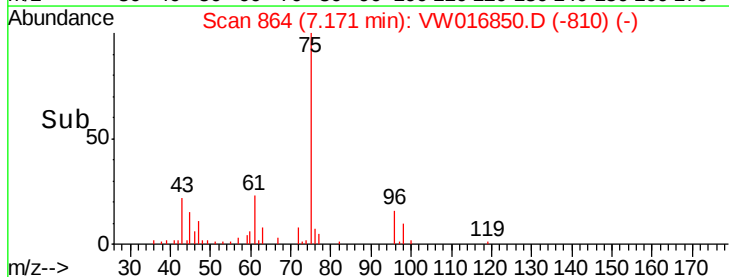
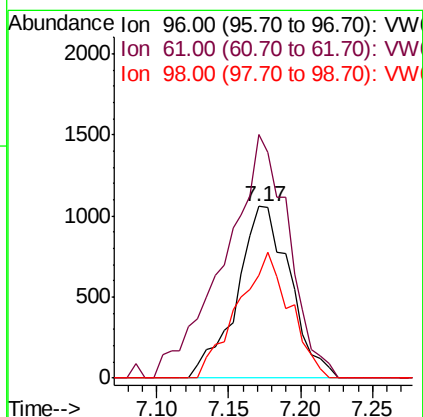
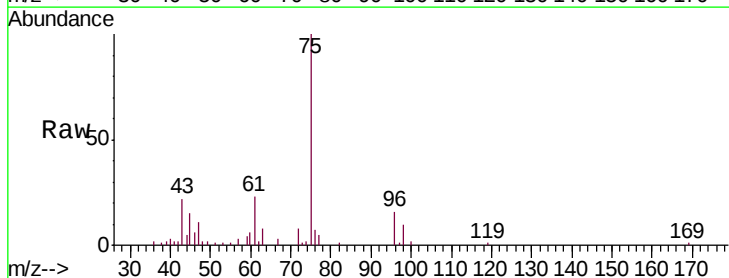
Tgt Ion: 96 Resp: 2715

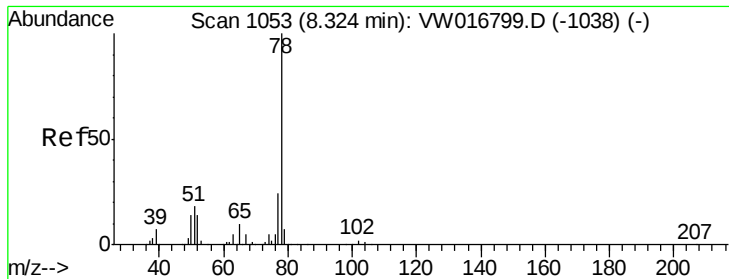
Ion Ratio Lower Upper

96 100

61 142.1 76.0 141.2#

98 60.0 42.7 79.3





#34

Benzene

Concen: 0.371 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW016850.D

Acq: 08 Oct 2020 12:57

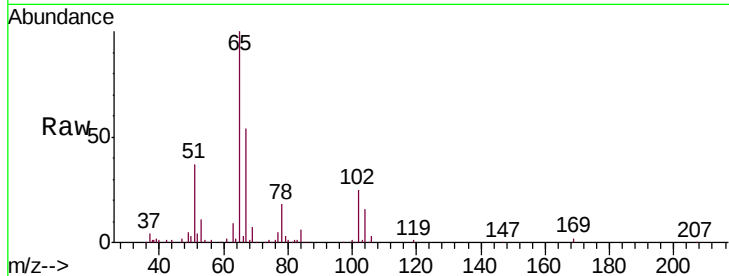
Instrument :

MSVOA_W

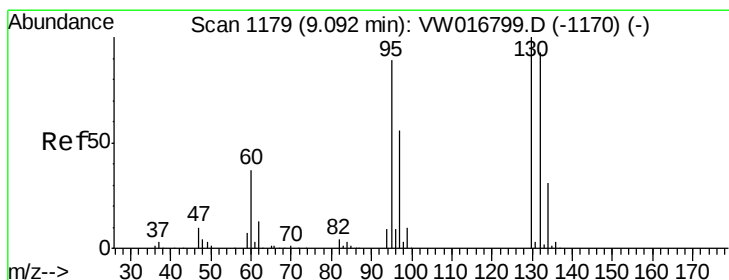
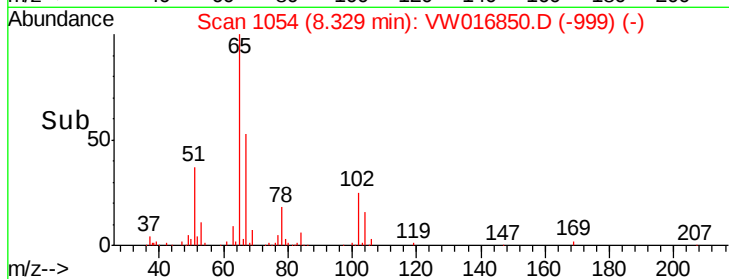
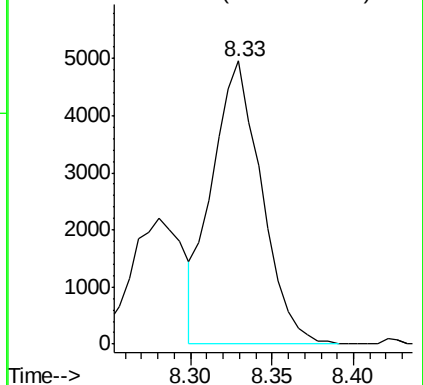
ClientSampleId :

BG3W0

Tgt Ion: 78 Resp: 10474



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 2.661 ug/L

RT: 9.10 min Scan# 1180

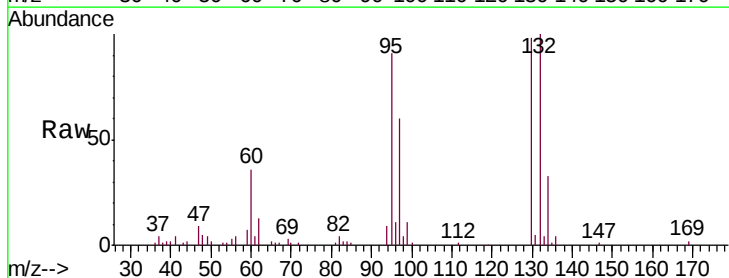
Delta R.T. 0.01 min

Lab File: VW016850.D

Acq: 08 Oct 2020 12:57

Tgt Ion: 95 Resp: 21239

Ion	Ratio	Lower	Upper
95	100		
97	67.3	44.7	83.1
132	108.1	73.8	137.2
130	112.3	77.1	143.3

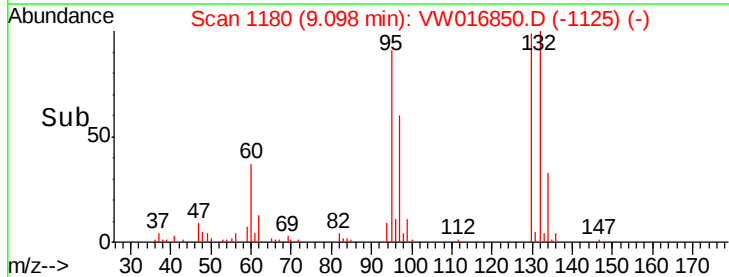
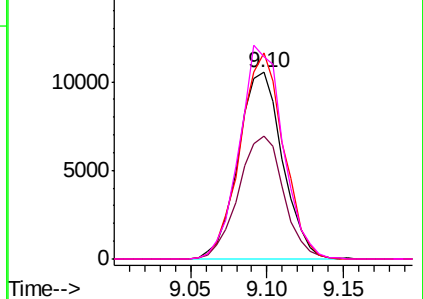


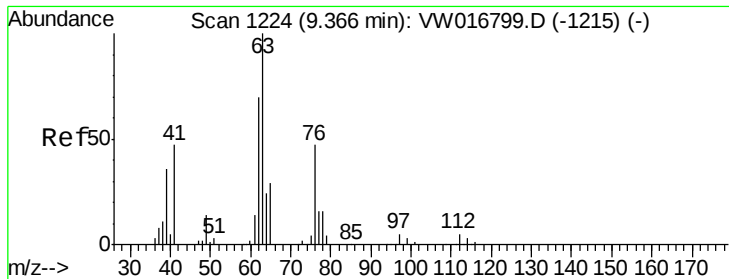
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#40

1,2-Dichloropropane

Concen: 2.959 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016850.D

Acq: 08 Oct 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

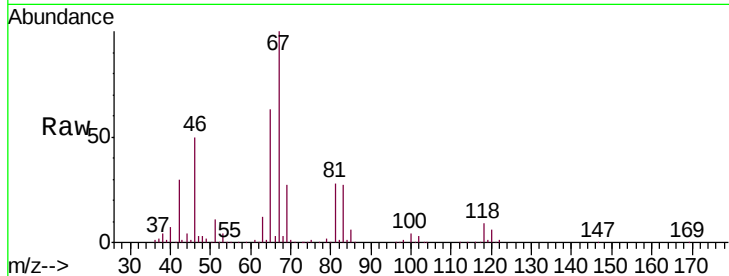
BG3W0

Tgt Ion: 63 Resp: 18880

Ion Ratio Lower Upper

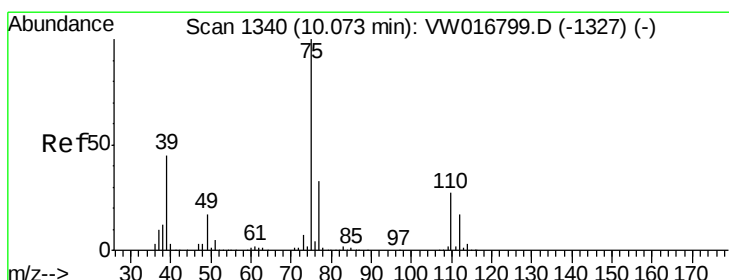
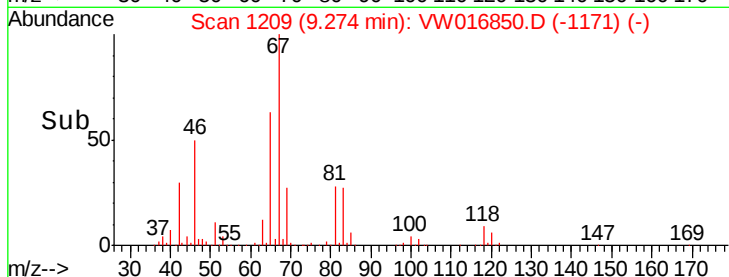
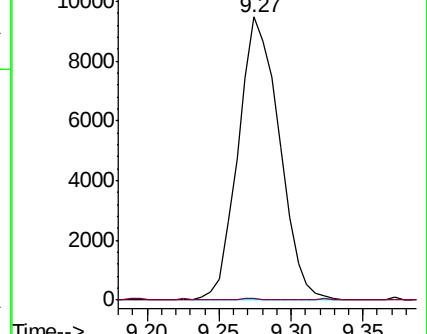
63 100

112 0.2 4.5 6.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.223 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016850.D

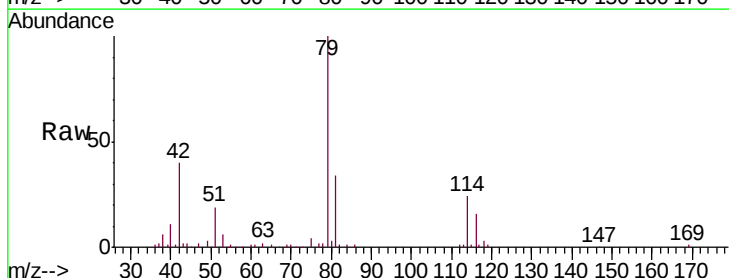
Acq: 08 Oct 2020 12:57

Tgt Ion: 75 Resp: 2269

Ion Ratio Lower Upper

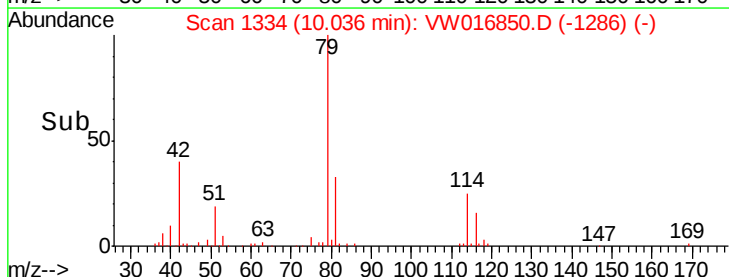
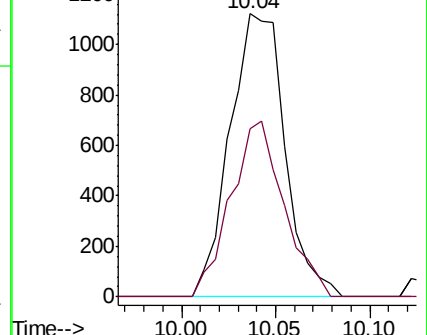
75 100

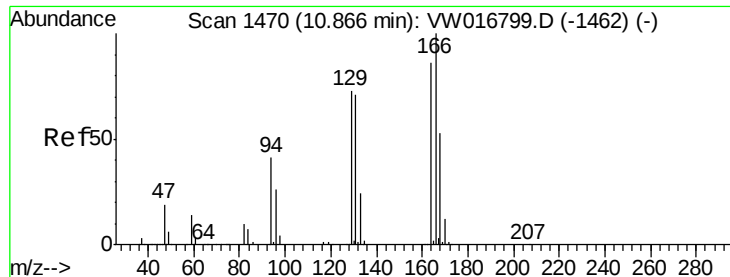
77 59.2 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

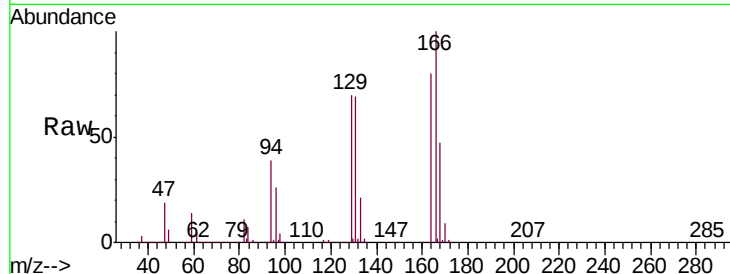




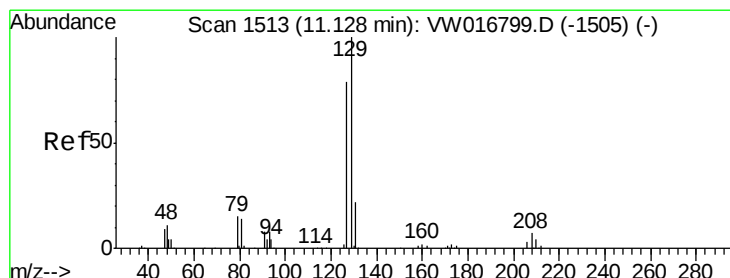
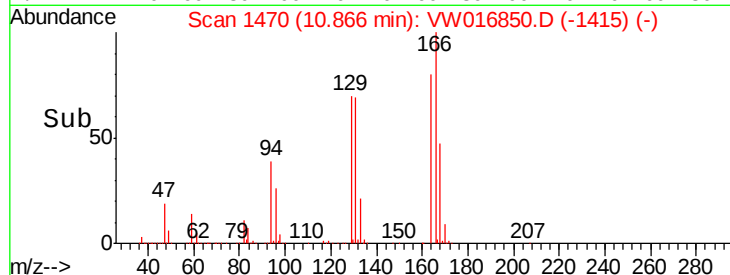
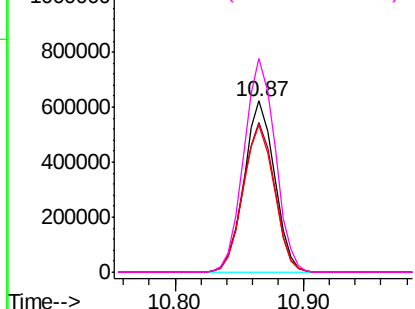
#47
Tetrachloroethene
Concen: 136.666 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW016850.D
Acq: 08 Oct 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
BG3W0

Tgt Ion:164 Resp: 1011247
Ion Ratio Lower Upper
164 100
129 87.4 61.7 114.7
131 86.1 59.7 110.9
166 124.9 88.3 164.1

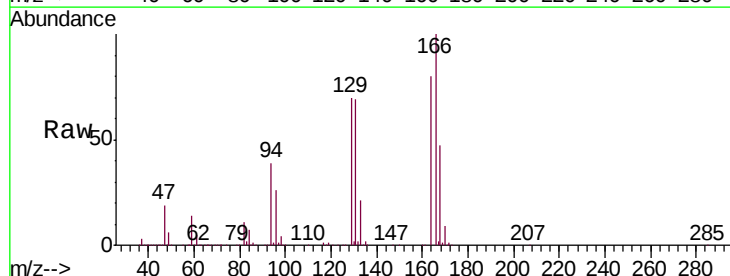


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#50
Dibromochloromethane
Concen: 142.042 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW016850.D
Acq: 08 Oct 2020 12:57

Tgt Ion:129 Resp: 915866
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

