

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016109.D
 Acq On : 10 Aug 2020 19:05
 Operator : SY/VA
 Sample : L3598-12
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY68

Quant Time: Aug 11 01:59:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	412694	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	391200	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158986	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114484	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
7) Chloroethane-d5	2.89	69	83256	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.76%
10) 1,1-Dichloroethene-d2	4.01	63	178208	16.40	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.60%
20) 2-Butanone-d5	7.09	46	82192	61.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.10%
24) Chloroform-d	7.65	84	245525	22.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	8.31	65	152605	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.76%
29) Benzene-d6	8.27	84	477056	22.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.68%
33) 1,2-Dichloropropane-d6	9.27	67	144559	23.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.40%
37) Toluene-d8	10.32	98	437403	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.64%
38) trans-1,3-Dichloropropene-	10.58	79	68873	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.96%
39) 2-Hexanone-d5	10.93	63	66653	61.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142888	28.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	145113	25.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.00%

Target Compounds

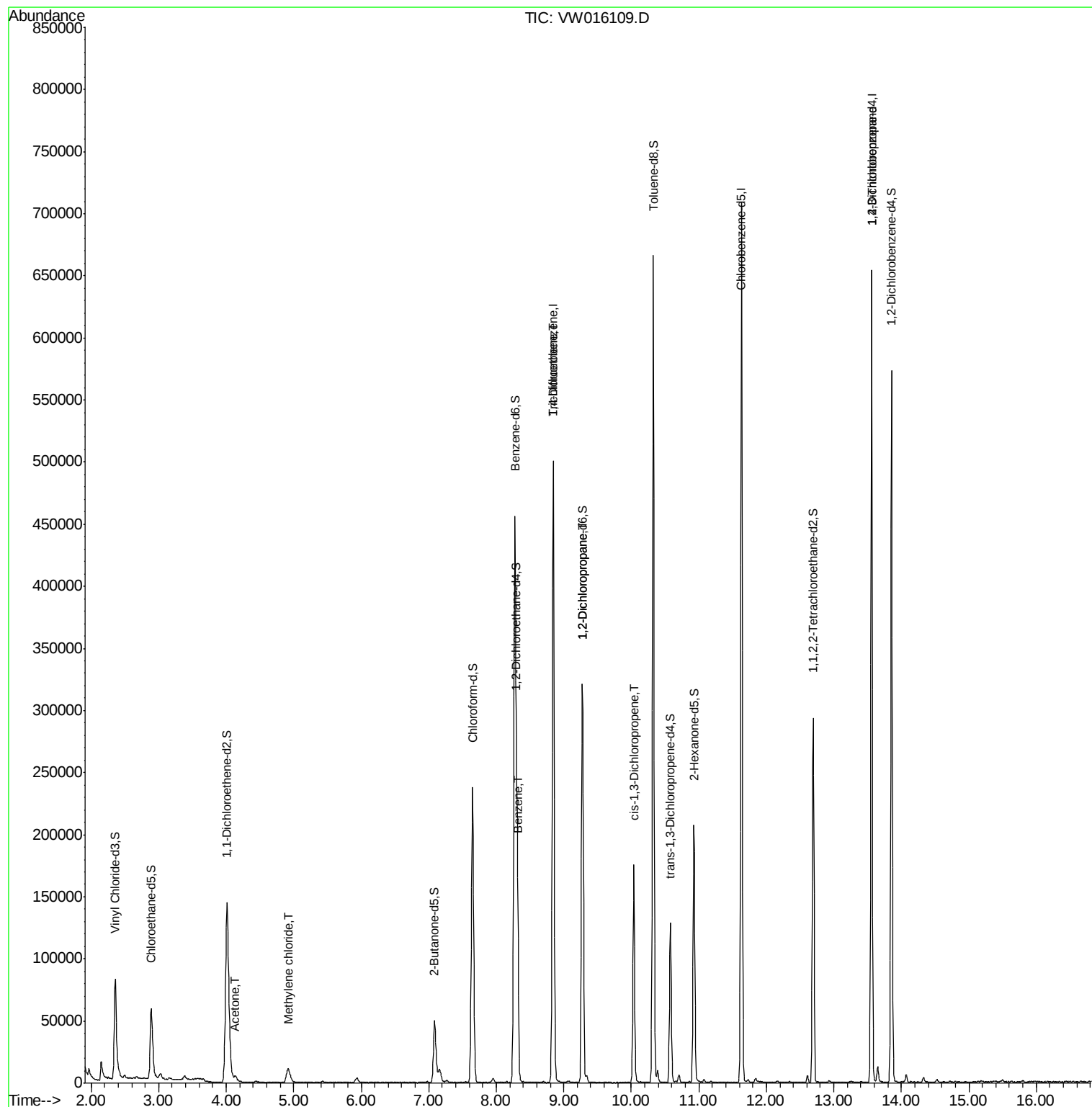
					Ovalue
13) Acetone	4.14	43	7466	7.330 ug/L	99
16) Methylene chloride	4.92	84	10520	1.614 ug/L	95
34) Benzene	8.32	78	10346	0.459 ug/L	100
35) Trichloroethene	8.84	95	12498	2.060 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	16620	3.000 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	4480	0.531 ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	20217	5.245 ug/L	90

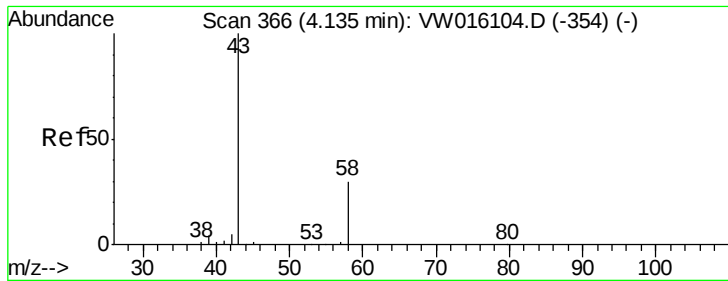
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.330 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW016109.D

Acq: 10 Aug 2020 19:05

Instrument :

MSVOA_W

ClientSampleId :

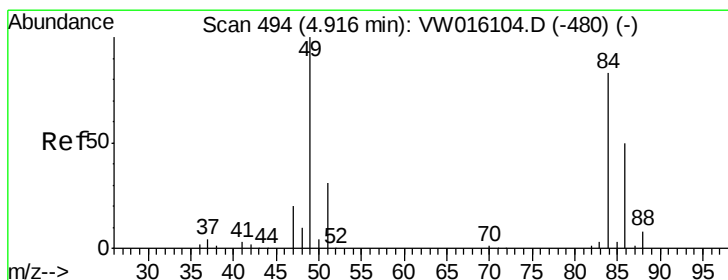
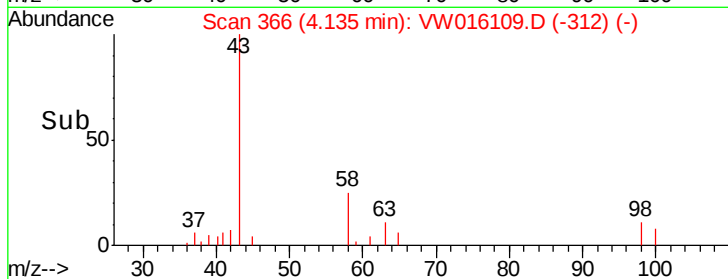
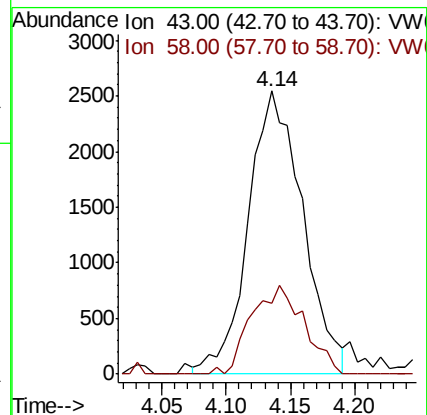
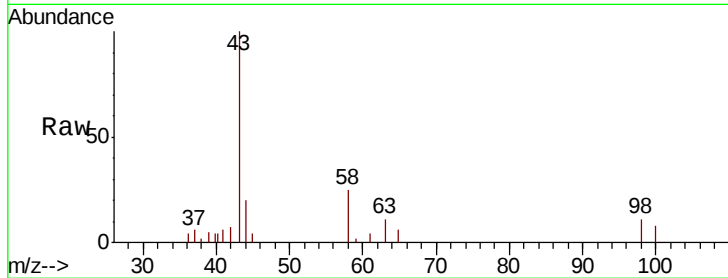
GAY68

Tot Ion: 43 Resp: 7466

Ion Ratio Lower Upper

43 100

58 30.2 0.0 59.4



#16

Methylene chloride

Concen: 1.614 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016109.D

Acq: 10 Aug 2020 19:05

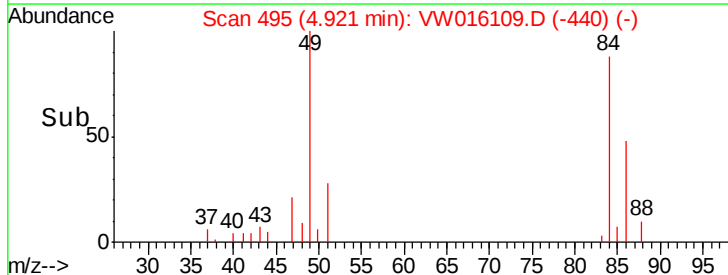
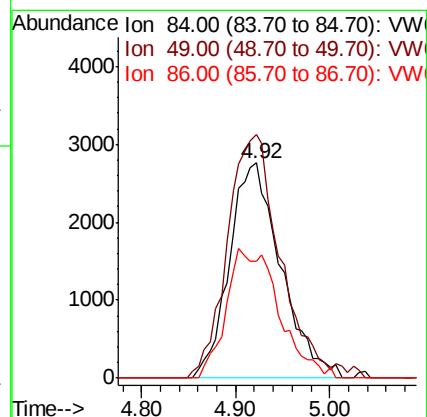
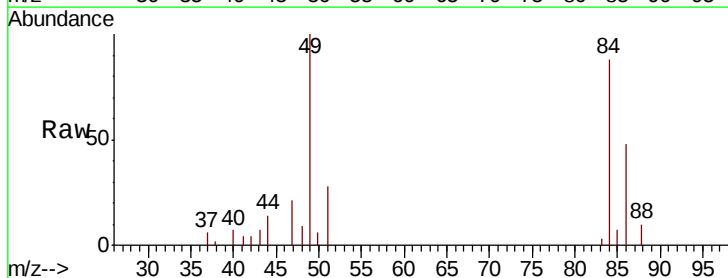
Tgt Ion: 84 Resp: 10520

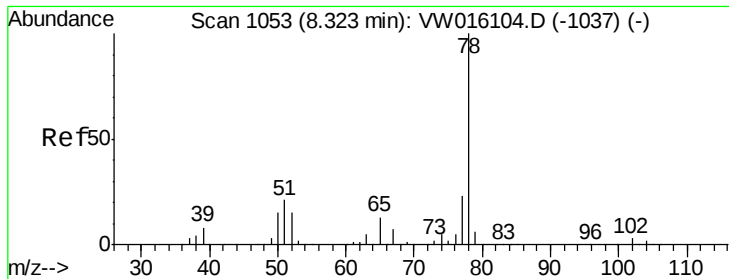
Ion Ratio Lower Upper

84 100

49 113.1 80.4 149.4

86 54.2 43.8 81.3





#34

Benzene

Concen: 0.459 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW016109.D

Acq: 10 Aug 2020 19:05

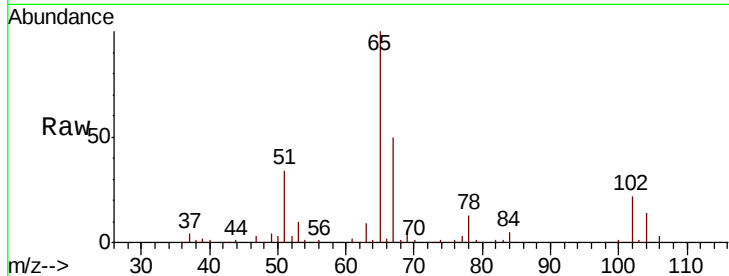
Instrument :

MSVOA_W

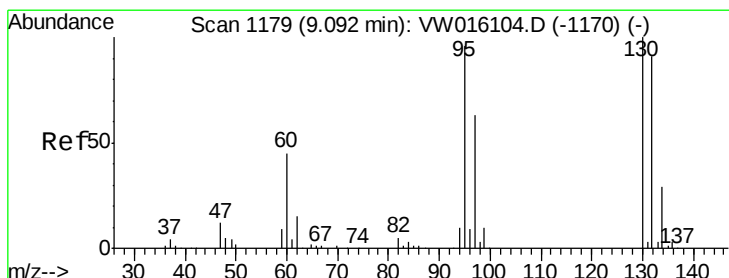
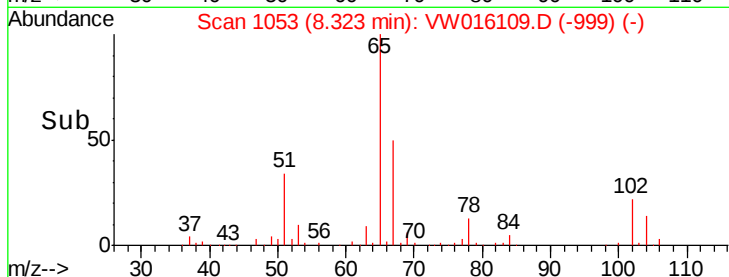
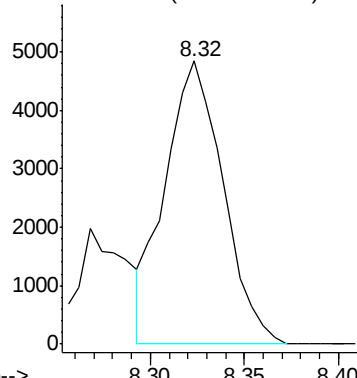
ClientSampleId :

GAY68

Tgt Ion: 78 Resp: 10346



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 2.060 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016109.D

Acq: 10 Aug 2020 19:05

Tgt Ion: 95 Resp: 12498

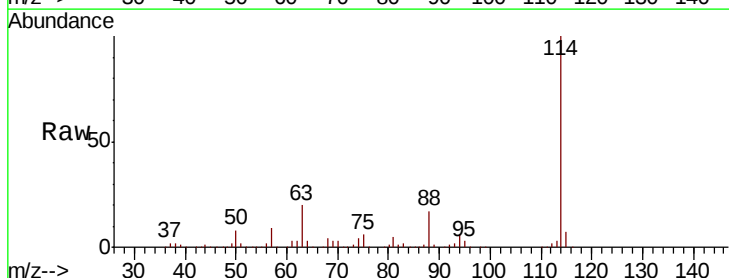
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.3#

132 0.0 65.8 122.2#

130 0.0 69.5 129.1#

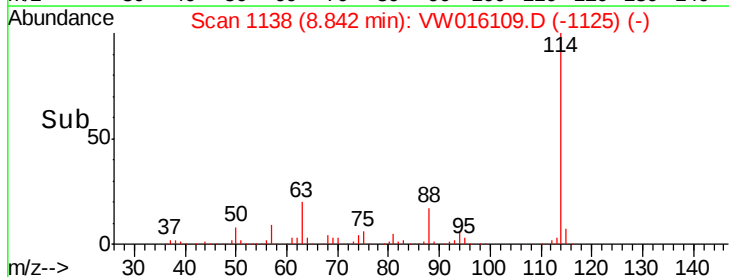
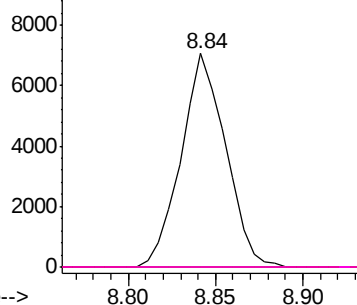


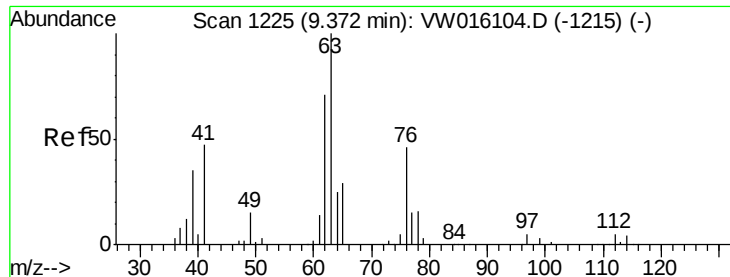
Abundance Ion 95.00 (94.70 to 95.70): VW

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

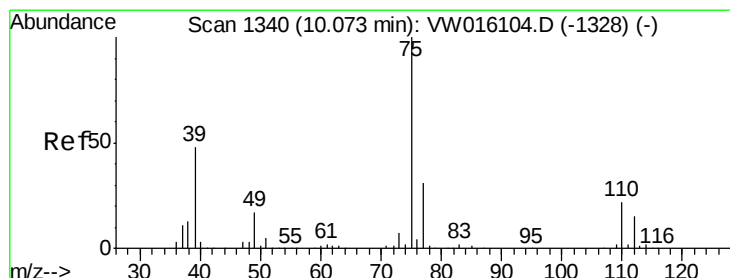
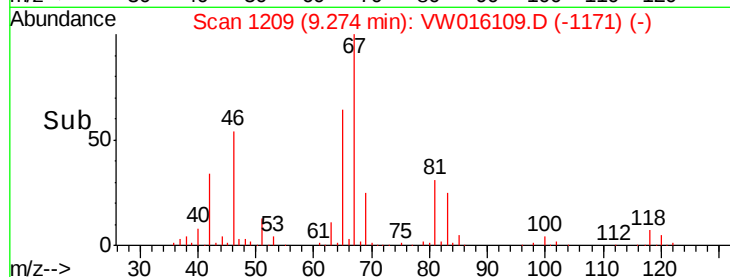
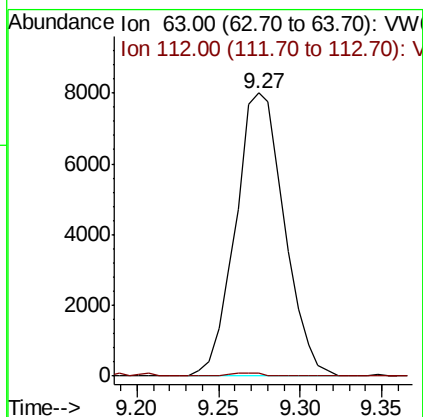
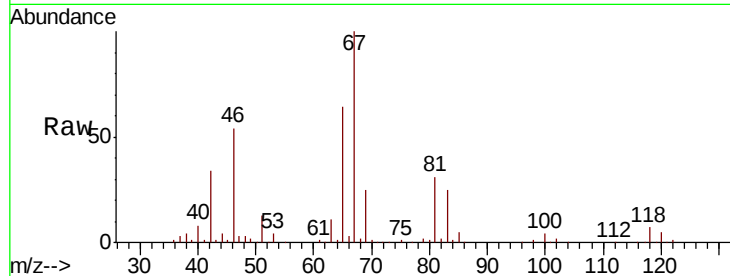




#40
 1,2-Dichloropropane
 Concen: 3.000 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016109.D
 Acq: 10 Aug 2020 19:05

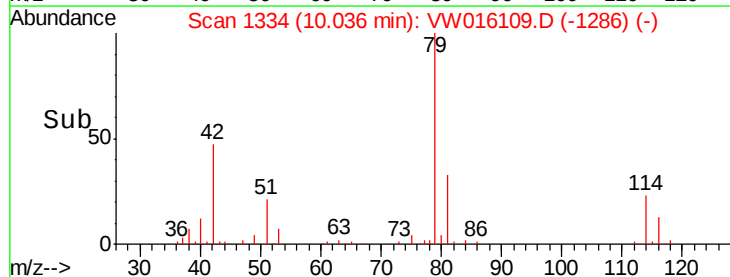
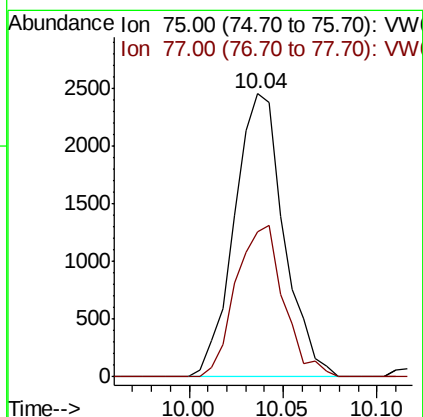
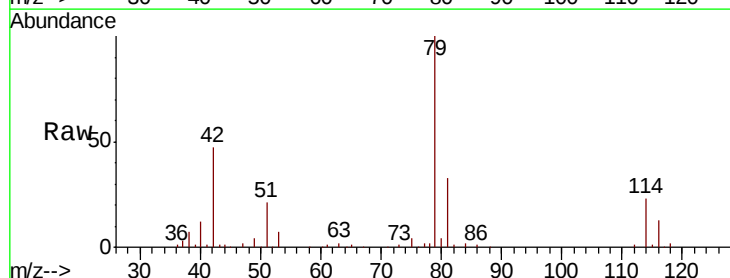
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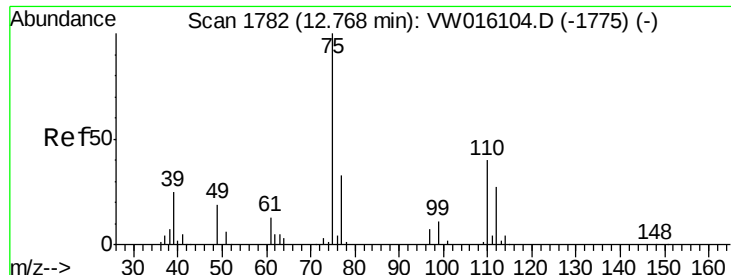
Tot Ion: 63 Resp: 16620
 Ion Ratio Lower Upper
 63 100
 112 0.7 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.531 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016109.D
 Acq: 10 Aug 2020 19:05

Tgt Ion: 75 Resp: 4480
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.9 42.5#





#59

1,2,3-Trichloropropane

Concen: 5.245 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016109.D

Acq: 10 Aug 2020 19:05

Instrument :

MSVOA_W

ClientSampleId :

GAY68

Tot Ion: 75 Resp: 20217

Ion Ratio Lower Upper

75 100

77 37.8 25.9 38.9

