

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081320\
 Data File : VW016177.D
 Acq On : 13 Aug 2020 13:05
 Operator : SY/VA
 Sample : L3628-09RE
 Misc : 6.59G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAYB3RE

Quant Time: Aug 14 06:21:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 06:19:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	474579	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397275	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	122429	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101140	17.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.76%
7) Chloroethane-d5	2.89	69	76199	17.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.24%
10) 1,1-Dichloroethene-d2	4.01	63	167006	13.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.44%
20) 2-Butanone-d5	7.09	46	41152	26.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.16%
24) Chloroform-d	7.65	84	95965	7.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	30.12%#
26) 1,2-Dichloroethane-d4	8.31	65	109308	16.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.64%#
29) Benzene-d6	8.27	84	443588	20.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.12%
33) 1,2-Dichloropropane-d6	9.27	67	129618	20.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.60%
37) Toluene-d8	10.32	98	384049	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.52%
38) trans-1,3-Dichloropropene-	10.58	79	49304	17.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.04%
39) 2-Hexanone-d5	10.93	63	31090	28.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	11137	2.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	8.60%#
61) 1,2-Dichlorobenzene-d4	13.86	152	87057	20.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.24%

Target Compounds

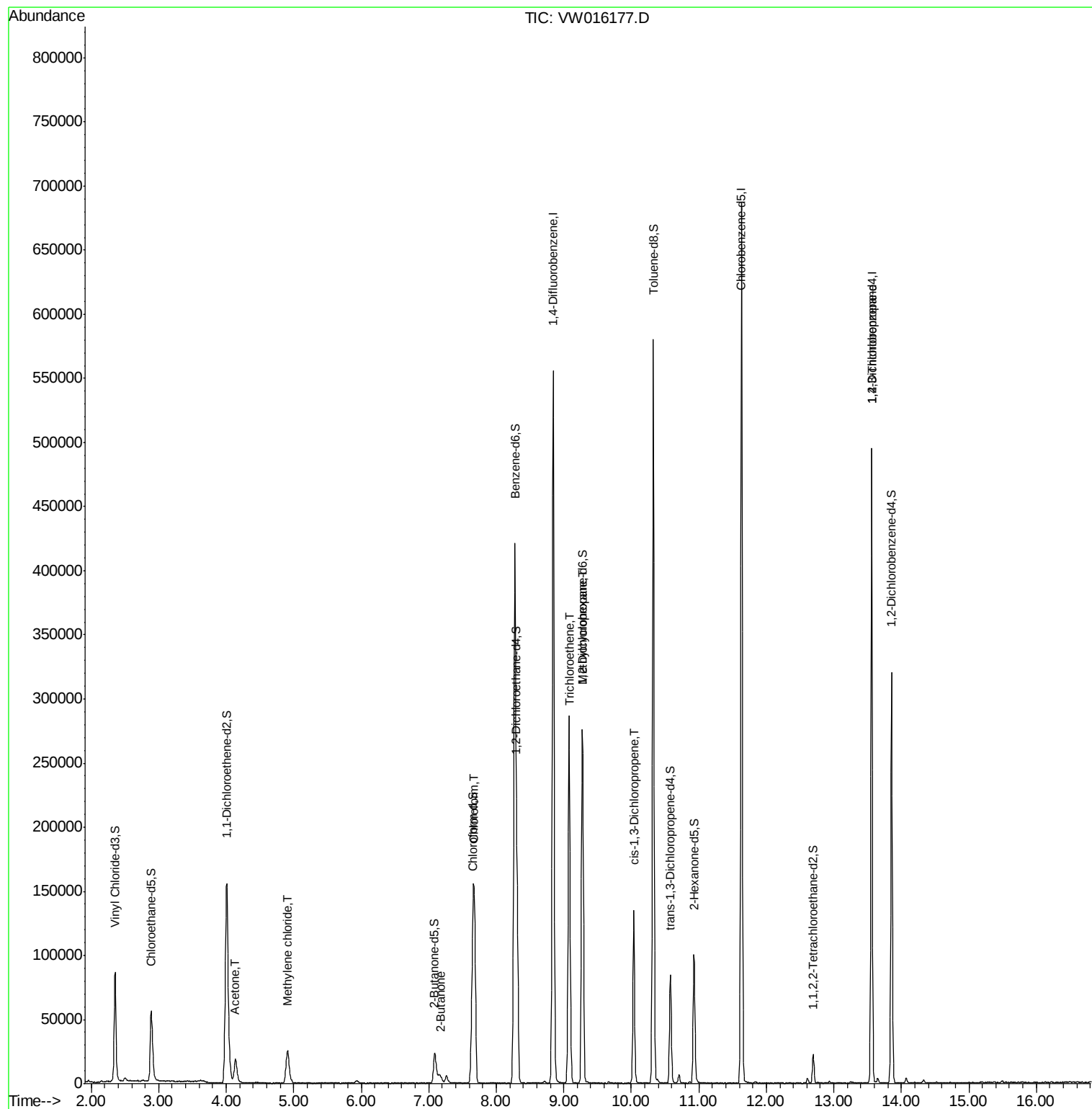
					Ovalue
13) Acetone	4.14	43	34644	29.579	ug/L 94
16) Methylene chloride	4.91	84	22251	2.969	ug/L 97
21) 2-Butanone	7.18	43	5002	2.695	ug/L 97
25) Chloroform	7.68	83	130043	10.782	ug/L 99
35) Trichloroethene	9.09	95	10771	1.748	ug/L 85
36) Methylcyclohexane	9.27	83	33798	3.331	ug/L # 20
42) cis-1,3-Dichloropropene	10.04	75	3204	0.374	ug/L # 74
59) 1,2,3-Trichloropropane	13.56	75	14193	3.626	ug/L 89

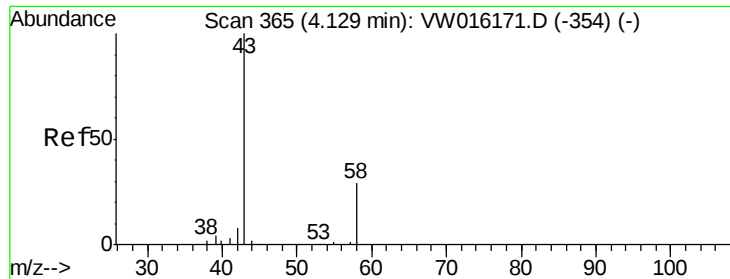
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 14 06:19:29 2020
Response via : Initial Calibration





#13

Acetone

Concen: 29.579 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016177.D

Acq: 13 Aug 2020 13:05

Instrument :

MSVOA_W

ClientSampleId :

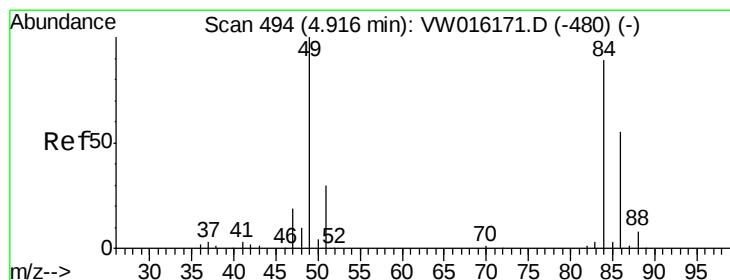
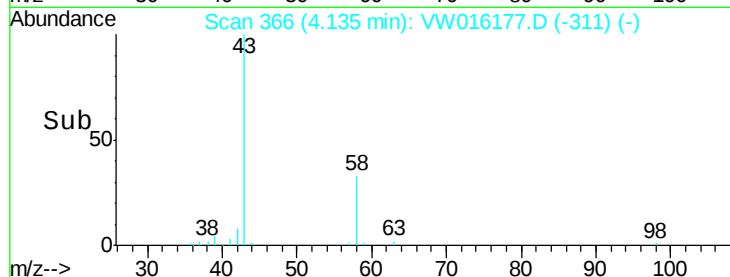
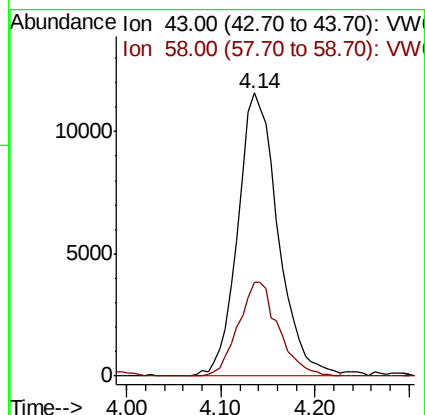
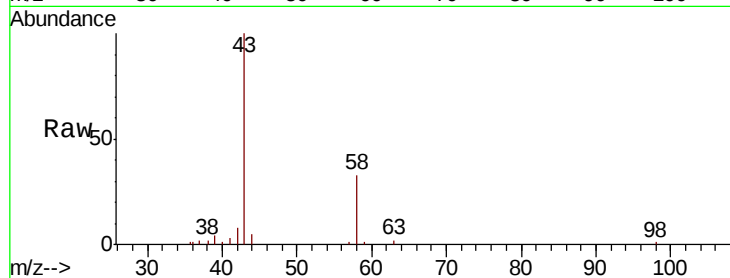
GAYB3RE

Tot Ion: 43 Resp: 34644

Ion Ratio Lower Upper

43 100

58 33.0 0.0 59.4



#16

Methylene chloride

Concen: 2.969 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016177.D

Acq: 13 Aug 2020 13:05

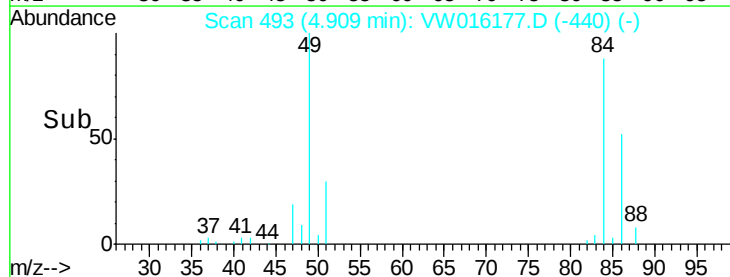
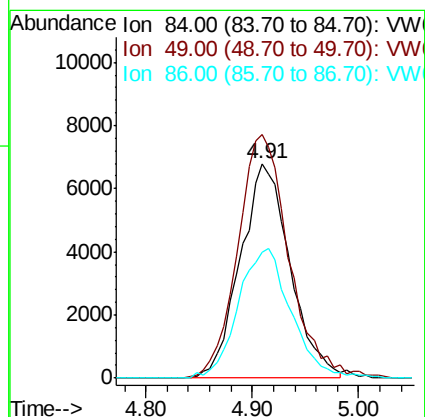
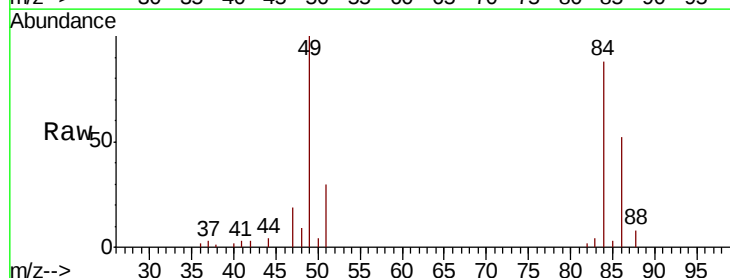
Tgt Ion: 84 Resp: 22251

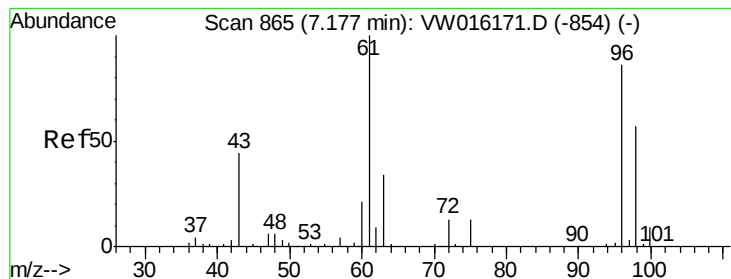
Ion Ratio Lower Upper

84 100

49 113.4 80.4 149.4

86 58.6 43.8 81.3





#21

2-Butanone

Concen: 2.695 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW016177.D

Acq: 13 Aug 2020 13:05

Instrument :

MSVOA_W

ClientSampled :

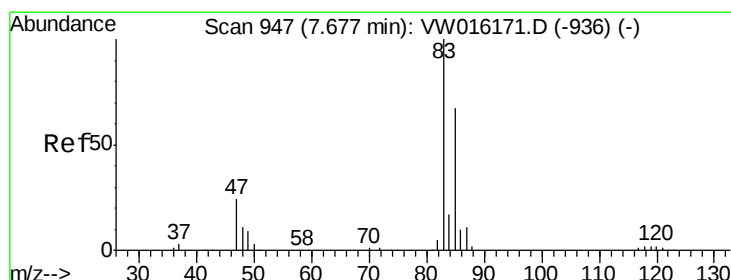
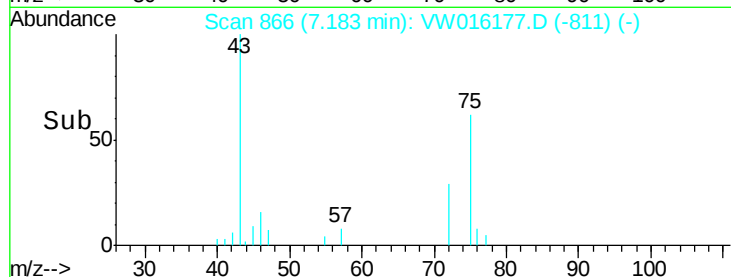
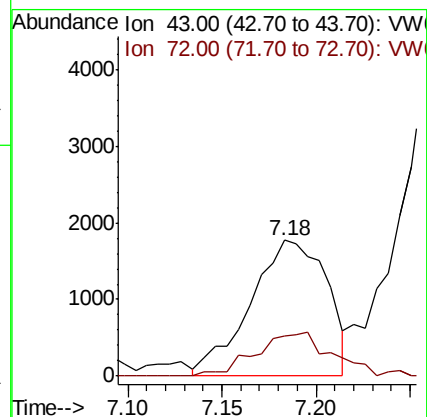
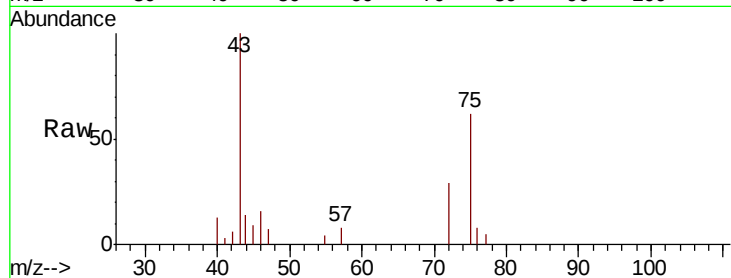
GAYB3RE

Tot Ion: 43 Resp: 5002

Ion Ratio Lower Upper

43 100

72 26.1 13.9 41.7



#25

Chloroform

Concen: 10.782 ug/L

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW016177.D

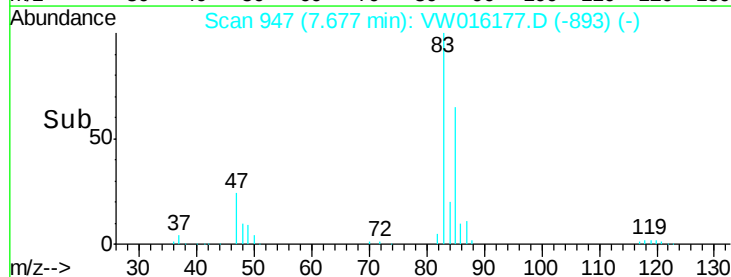
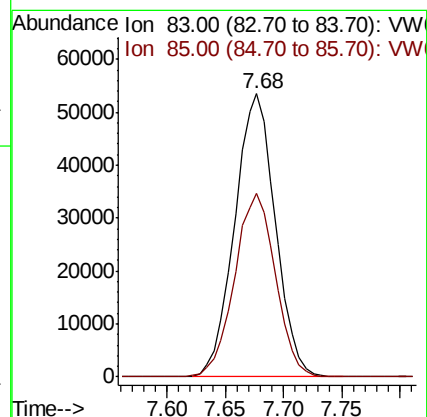
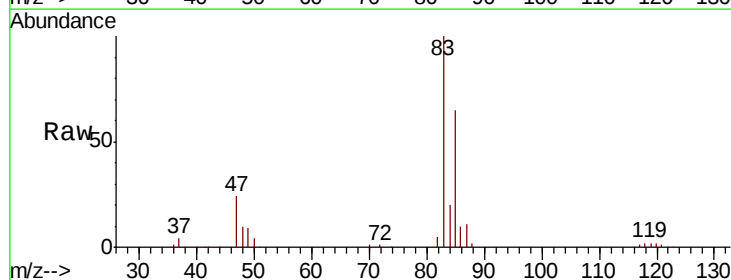
Acq: 13 Aug 2020 13:05

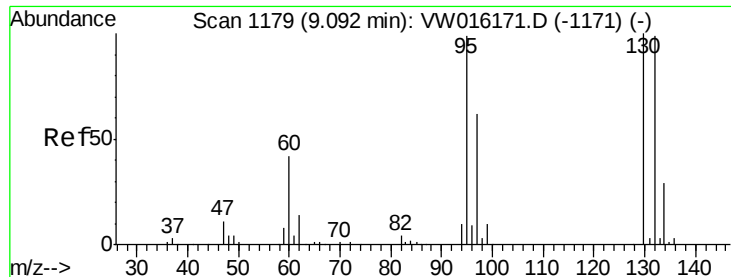
Tgt Ion: 83 Resp: 130043

Ion Ratio Lower Upper

83 100

85 65.3 46.0 85.4





#35

Trichloroethene

Concen: 1.748 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW016177.D

Acq: 13 Aug 2020 13:05

Instrument :

MSVOA_W

ClientSampleId :

GAYB3RE

Tot Ion: 95 Resp: 10771

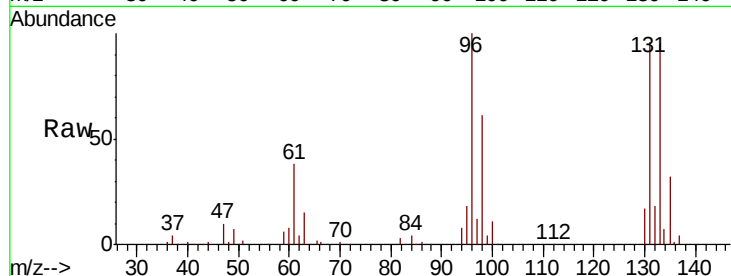
Ion Ratio Lower Upper

95 100

97 83.0 44.9 83.3

132 118.7 65.8 122.2

130 99.1 69.5 129.1

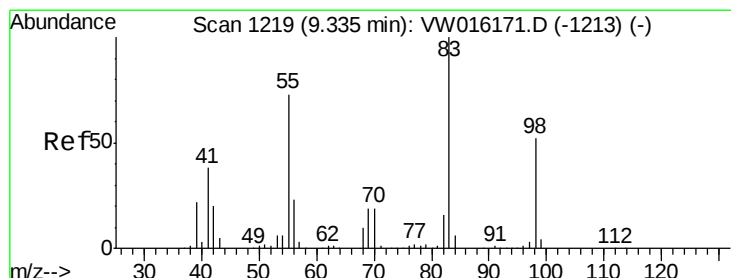
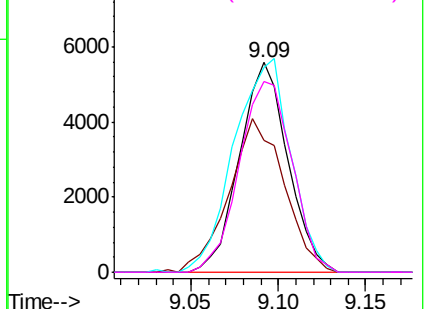
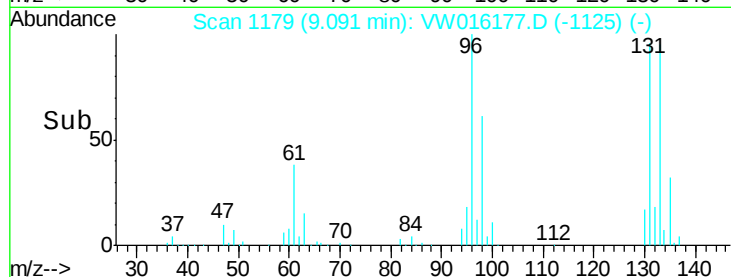


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 3.331 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW016177.D

Acq: 13 Aug 2020 13:05

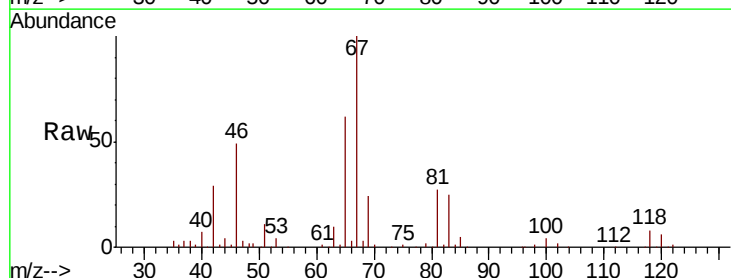
Tgt Ion: 83 Resp: 33798

Ion Ratio Lower Upper

83 100

55 0.6 60.7 91.1#

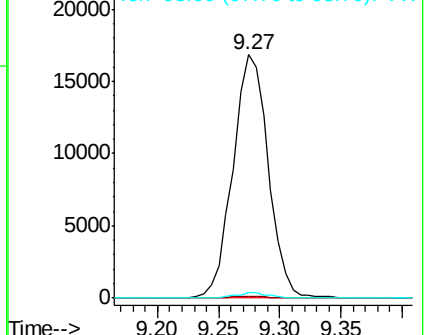
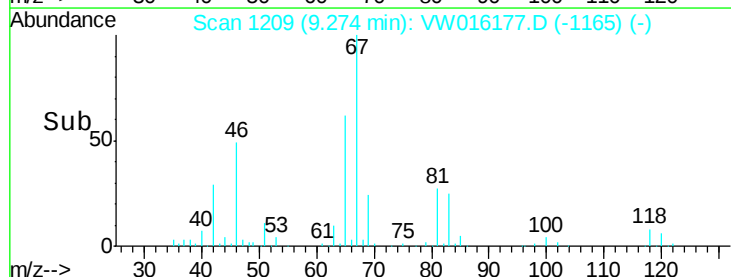
98 2.1 39.4 59.0#

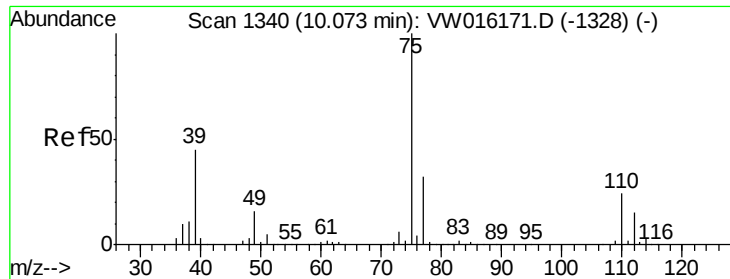


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.374 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016177.D

Acq: 13 Aug 2020 13:05

Instrument :

MSVOA_W

ClientSampleId :

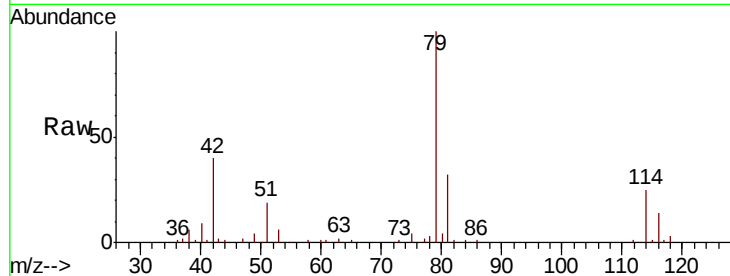
GAYB3RE

Tot Ion: 75 Resp: 3204

Ion Ratio Lower Upper

75 100

77 47.2 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

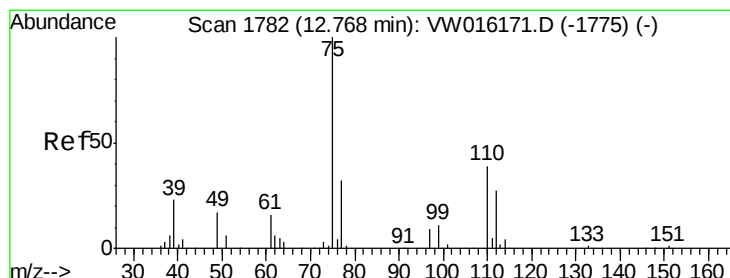
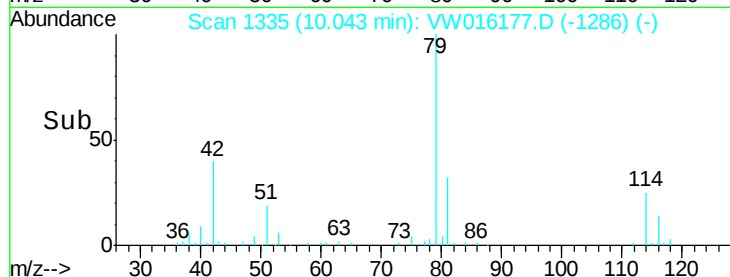
1500

1000

500

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 3.626 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016177.D

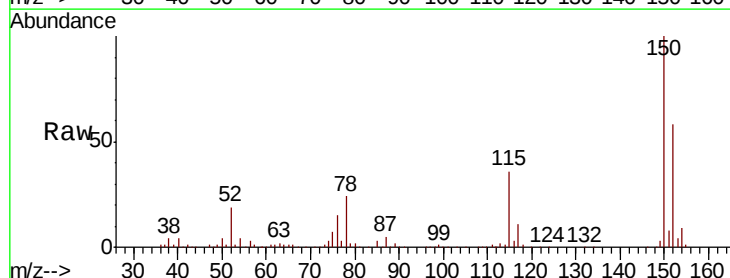
Acq: 13 Aug 2020 13:05

Tgt Ion: 75 Resp: 14193

Ion Ratio Lower Upper

75 100

77 38.7 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

10000

8000

6000

4000

2000

0

Time-->

