

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016079.D
 Acq On : 07 Aug 2020 18:59
 Operator : SY/VA
 Sample : L3598-02
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 05:10:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	285406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	263566	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	110097	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55686	13.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.32%
7) Chloroethane-d5	2.89	69	49849	15.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.96%
10) 1,1-Dichloroethene-d2	4.01	63	95204	11.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.76%
20) 2-Butanone-d5	7.09	46	61699	58.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.64%
24) Chloroform-d	7.65	84	159965	19.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.84%
26) 1,2-Dichloroethane-d4	8.31	65	93430	21.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.92%
29) Benzene-d6	8.27	84	307816	19.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.76%
33) 1,2-Dichloropropane-d6	9.28	67	98045	20.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.56%
37) Toluene-d8	10.32	98	271986	18.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.88%
38) trans-1,3-Dichloropropene-	10.58	79	41731	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.44%
39) 2-Hexanone-d5	10.93	63	50896	63.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105842	28.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	98736	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

Target Compounds

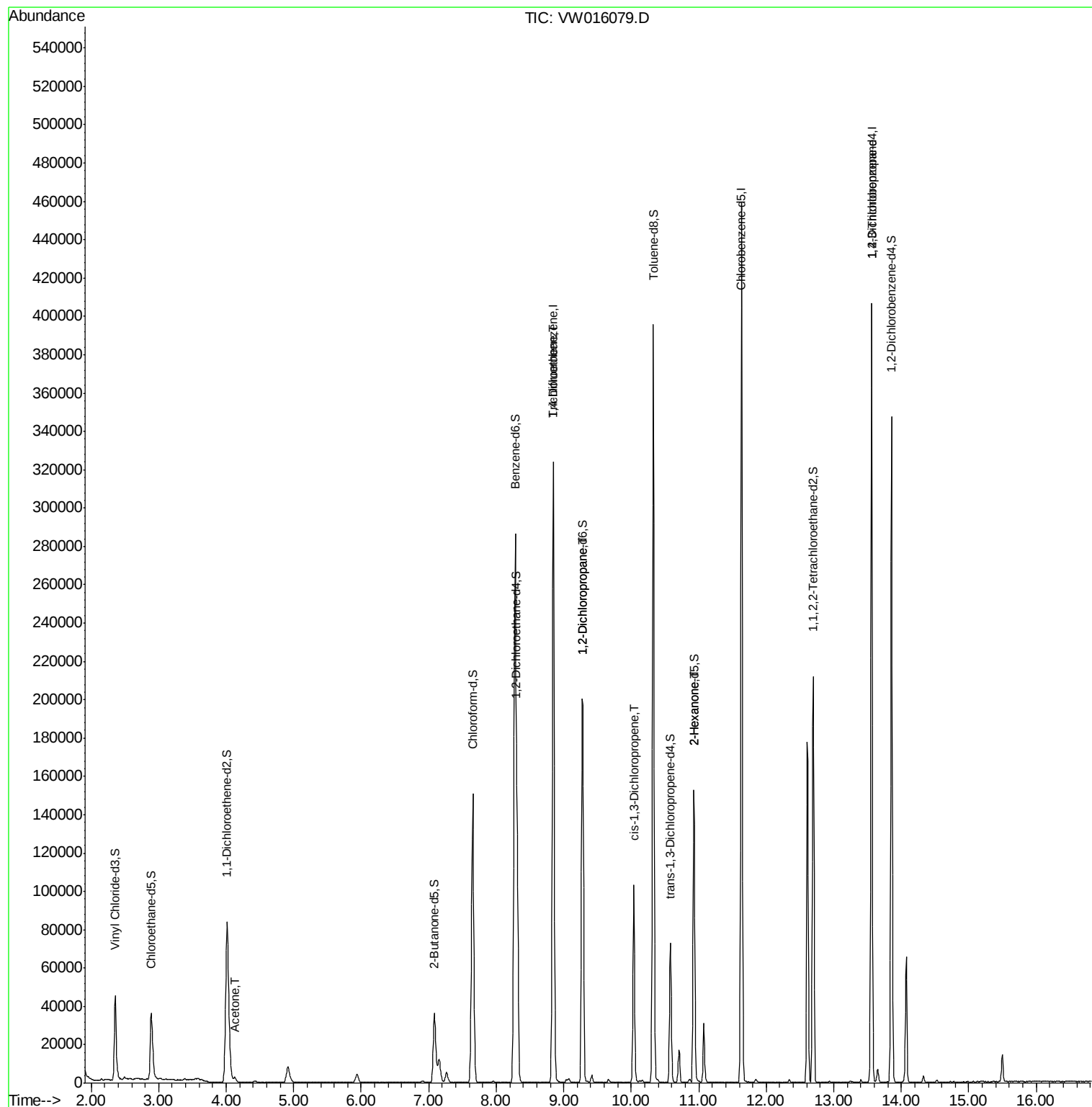
					Ovalue
13) Acetone	4.13	43	4138	4.658 ug/L	81
35) Trichloroethene	8.84	95	8559	2.021 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	10575	2.667 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	2468	0.409 ug/L #	72
49) 2-Hexanone	10.93	43	6076	3.699 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	11969	4.770 ug/L	92

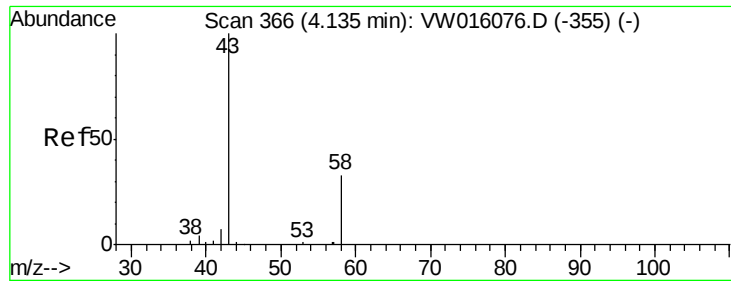
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 08 05:08:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.658 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016079.D

Acq: 07 Aug 2020 18:59

Instrument :

MSVOA_W

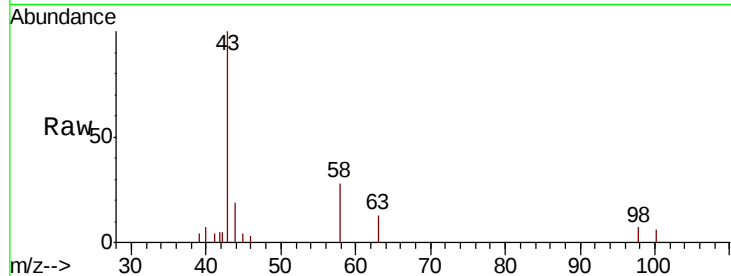
ClientSampleId :

Tot Ion: 43 Resp: 4138

Ion Ratio Lower Upper

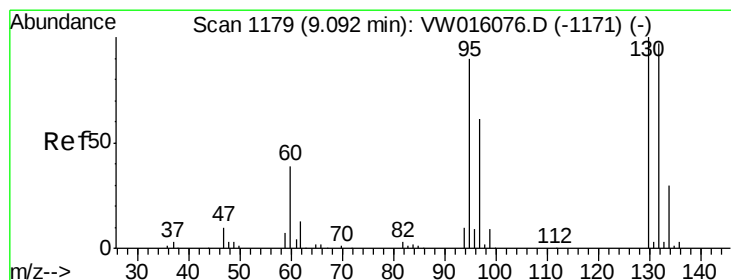
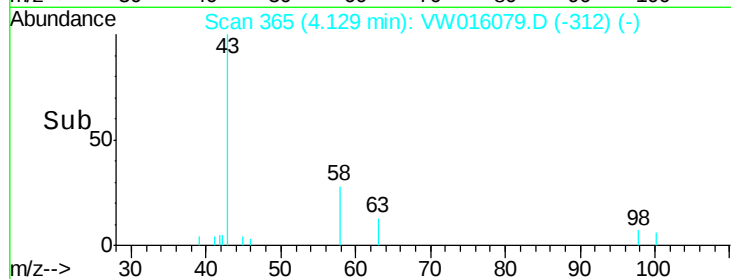
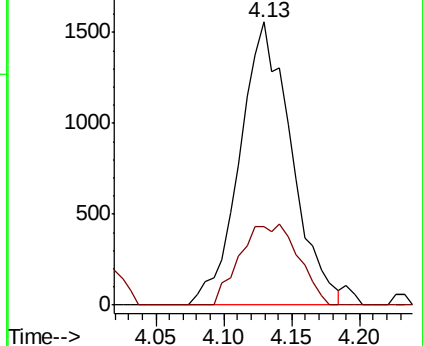
43 100

58 18.9 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.021 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016079.D

Acq: 07 Aug 2020 18:59

Tgt Ion: 95 Resp: 8559

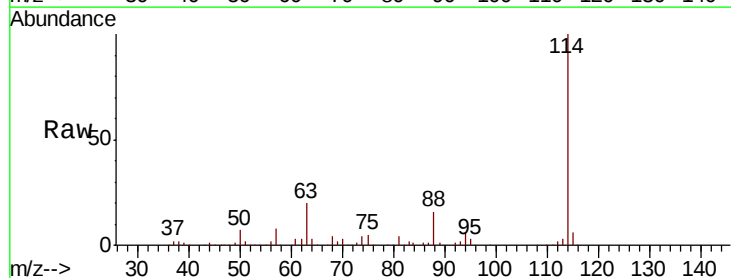
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

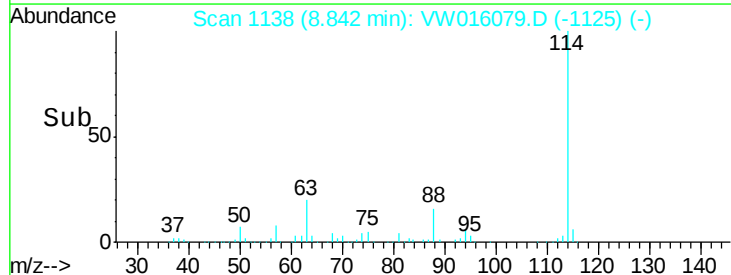
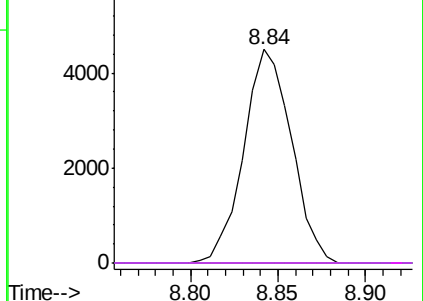


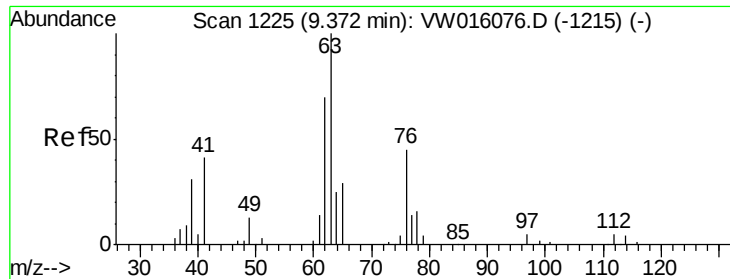
Abundance Ion 95.00 (94.70 to 95.70): VW

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

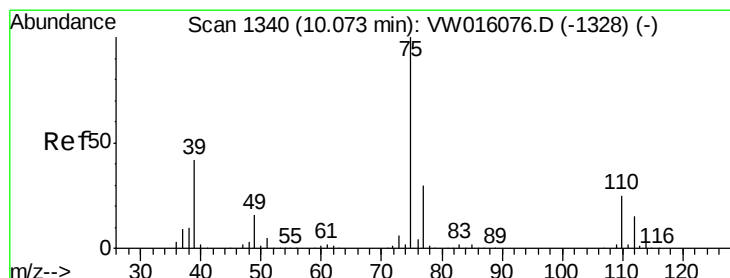
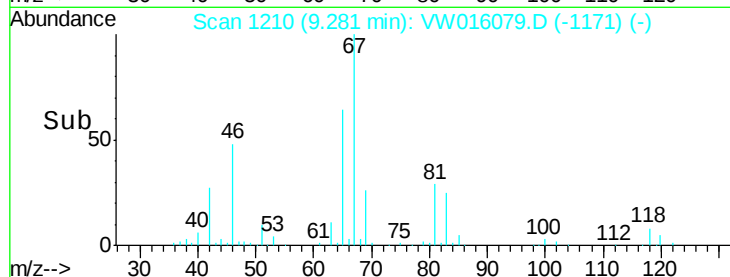
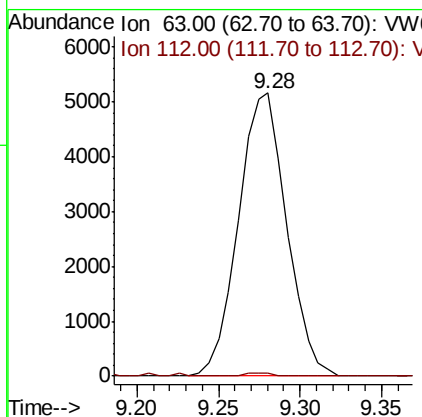
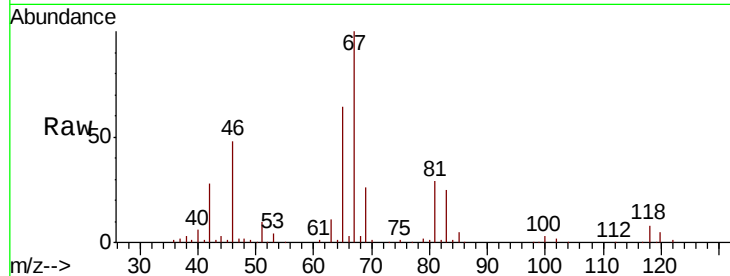




#40
 1,2-Dichloropropane
 Concen: 2.667 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016079.D
 Acq: 07 Aug 2020 18:59

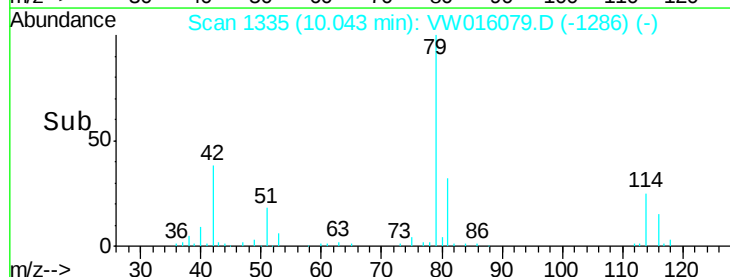
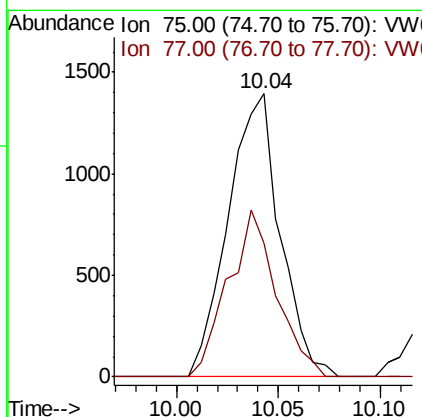
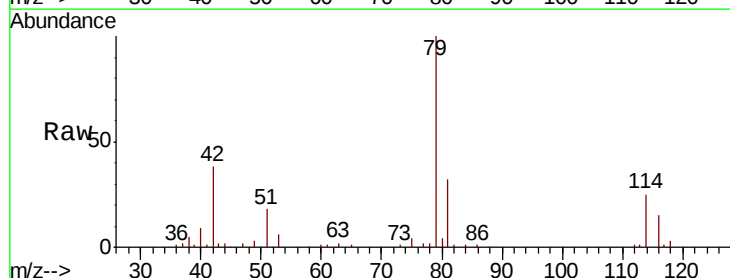
Instrument :
 MSVOA_W
 ClientSampleId :

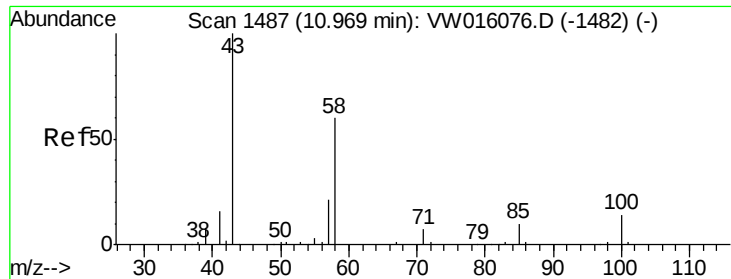
Tot Ion: 63 Resp: 10575
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.409 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW016079.D
 Acq: 07 Aug 2020 18:59

Tgt Ion: 75 Resp: 2468
 Ion Ratio Lower Upper
 75 100
 77 47.3 22.2 41.2#





#49

2-Hexanone

Concen: 3.699 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016079.D

Acq: 07 Aug 2020 18:59

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6076

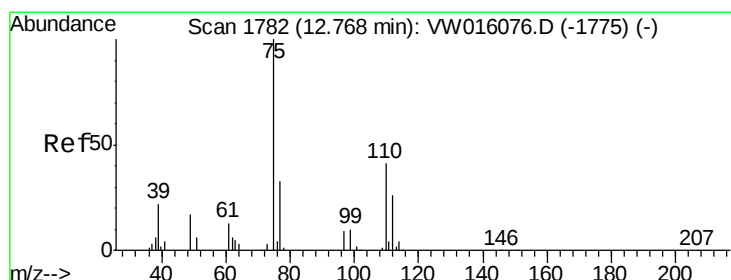
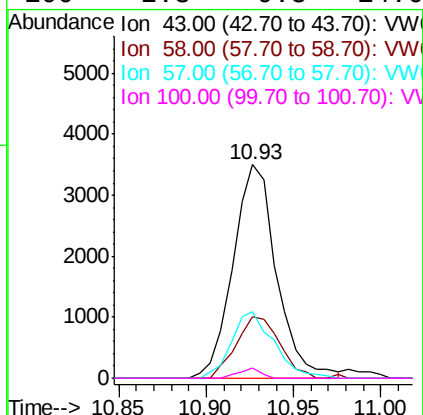
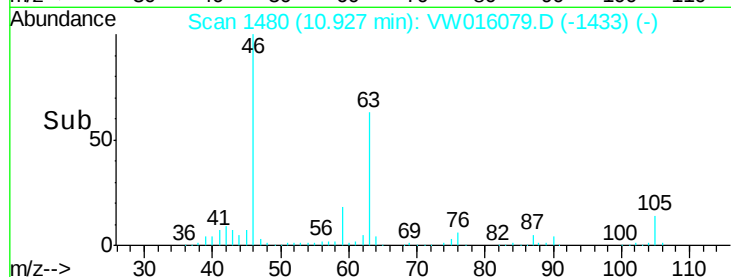
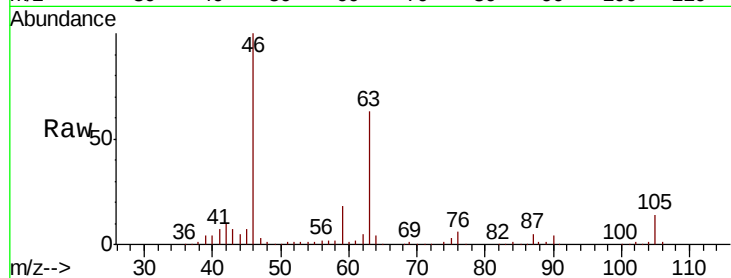
Ion Ratio Lower Upper

43 100

58 28.8 42.4 63.6#

57 30.5 15.6 23.4#

100 2.3 9.8 14.6#



#59

1,2,3-Trichloropropane

Concen: 4.770 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016079.D

Acq: 07 Aug 2020 18:59

Tgt Ion: 75 Resp: 11969

Ion Ratio Lower Upper

75 100

77 37.1 26.0 39.0

