

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018333.D
 Acq On : 18 Sep 2020 19:15
 Operator : SY/MD
 Sample : L4066-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:45:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	274894	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	273372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133523	50.00	ug/L	0.00

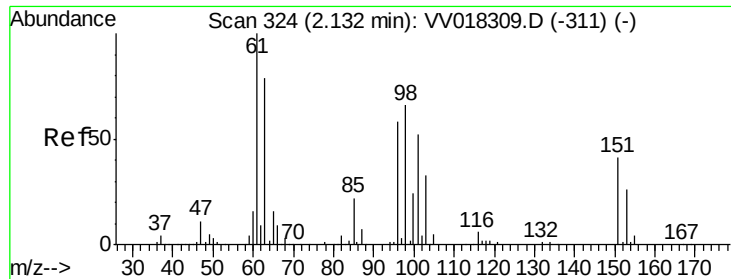
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98905	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.30%
7) Chloroethane-d5	1.58	69	81193	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.58%
11) 1,1-Dichloroethene-d2	2.12	63	140761	34.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.50%
21) 2-Butanone-d5	3.92	46	121246	88.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.42%
24) Chloroform-d	4.38	84	171633	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.32%
26) 1,2-Dichloroethane-d4	5.06	65	114422	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
32) Benzene-d6	5.08	84	350470	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
36) 1,2-Dichloropropane-d6	6.09	67	112074	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.14%
41) Toluene-d8	7.34	98	307744	43.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.30%
43) trans-1,3-Dichloropropene-	7.64	79	51983	41.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.28%
47) 2-Hexanone-d5	8.11	63	81369	86.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139765	44.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	129000	47.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.08%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1231	0.664 ug/L #	19
13) Acetone	2.20	43	4697	4.278 ug/L	90
34) Trichloroethene	5.94	95	2811	1.320 ug/L	95
35) Methylcyclohexane	6.09	83	26389	8.232 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12307	5.942 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3165	0.992 ug/L #	77
48) 2-Hexanone	8.11	43	10226	5.162 ug/L #	69
59) 1,2,3-Trichloropropane	11.27	75	15283	6.274 ug/L	94

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.664 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

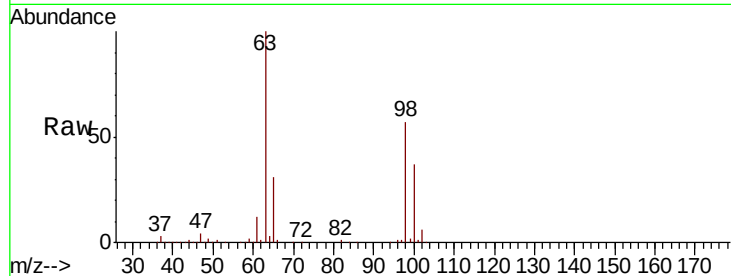
Tot Ion:101 Resp: 1231

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

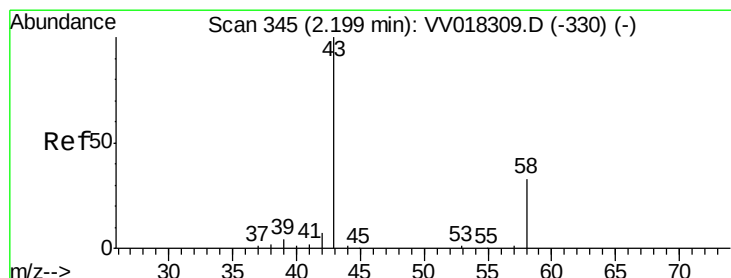
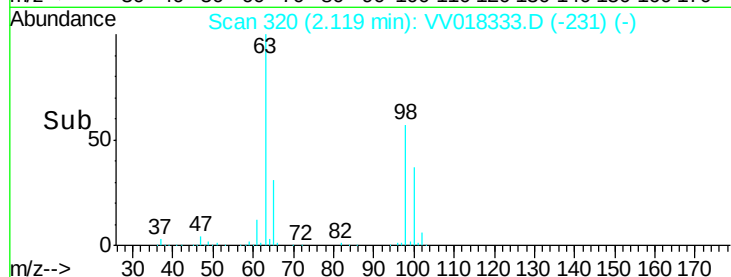
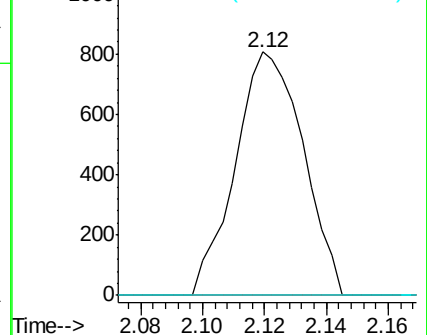
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.278 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018333.D

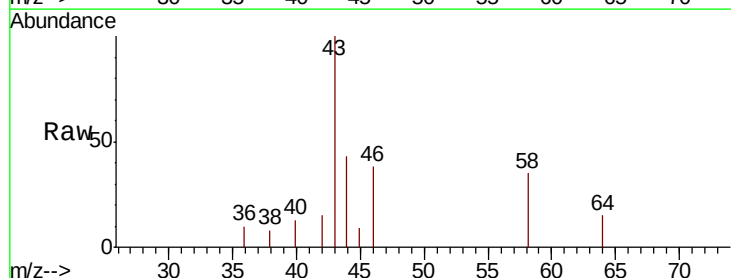
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Tgt Ion: 43 Resp: 4697

Ion Ratio Lower Upper

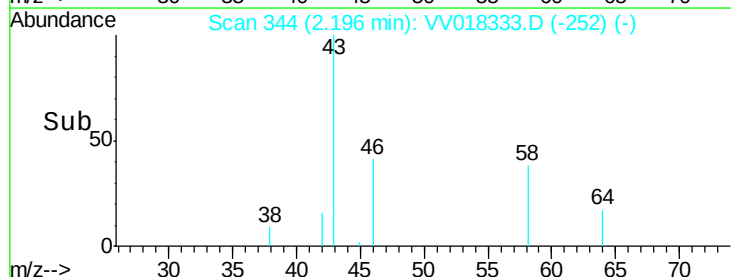
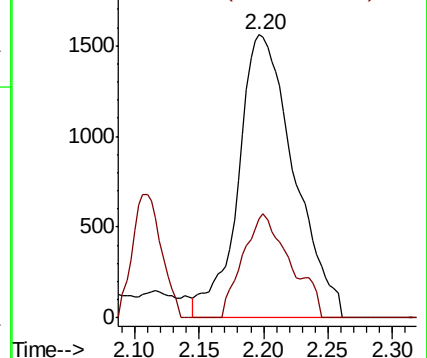
43 100

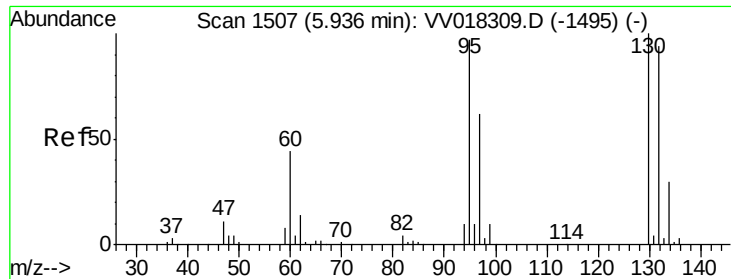
58 28.0 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

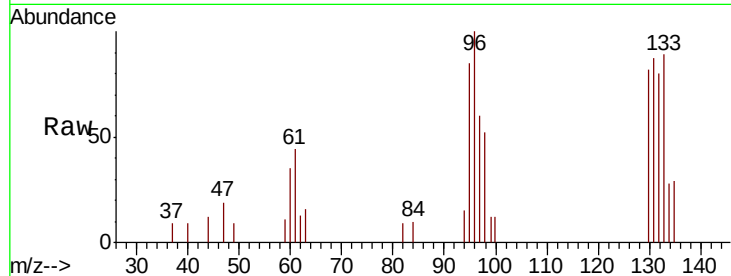




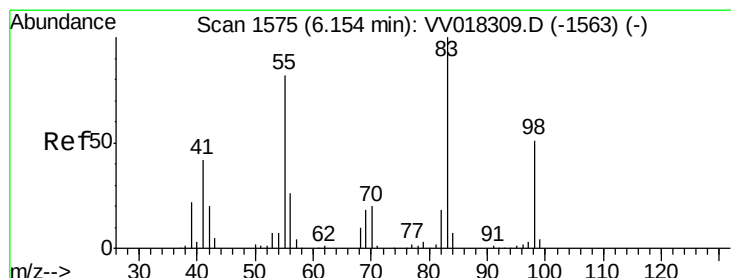
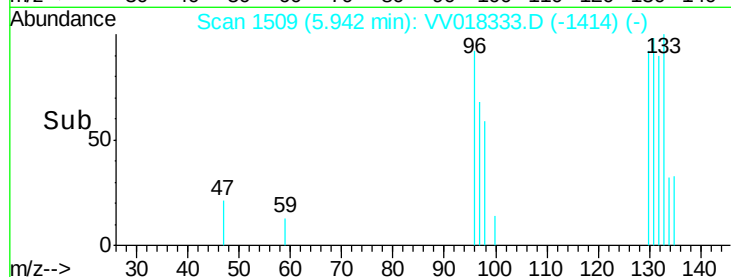
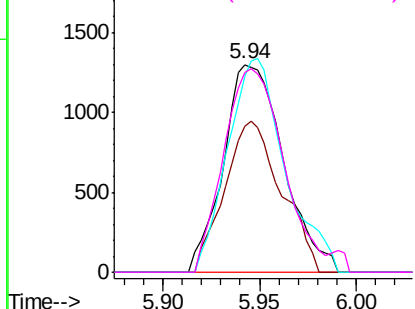
#34
 Trichloroethene
 Concen: 1.320 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018333.D
 Acq: 18 Sep 2020 19:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 2811
 Ion Ratio Lower Upper
 95 100
 97 70.4 46.3 85.9
 132 93.9 68.1 126.5
 130 95.9 71.5 132.9

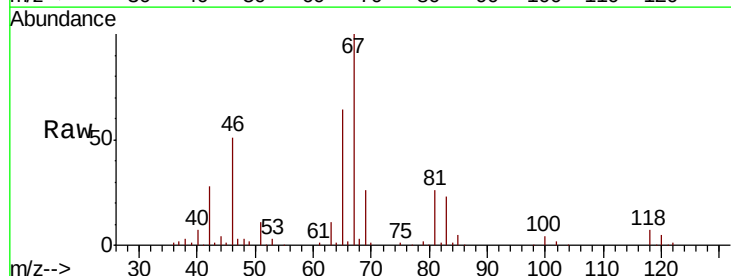


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

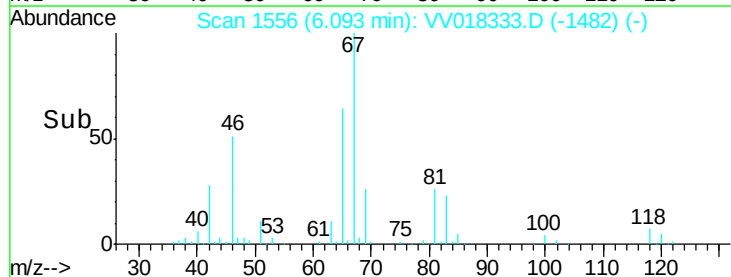
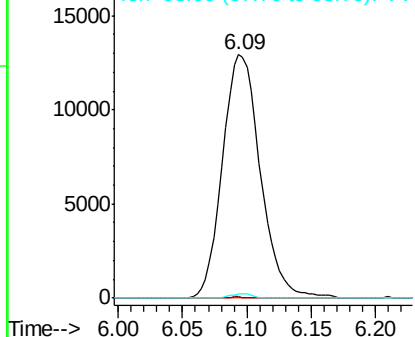


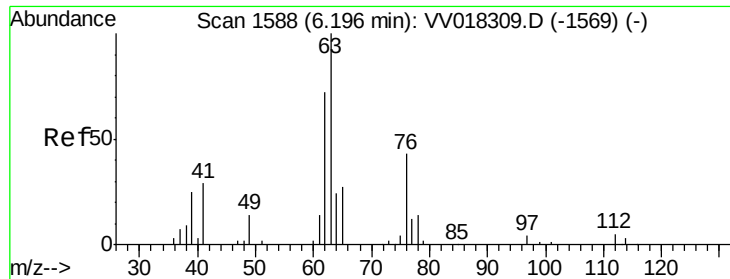
#35
 Methylcyclohexane
 Concen: 8.232 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV018333.D
 Acq: 18 Sep 2020 19:15

Tgt Ion: 83 Resp: 26389
 Ion Ratio Lower Upper
 83 100
 55 0.2 63.4 95.2#
 98 1.0 38.8 58.2#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

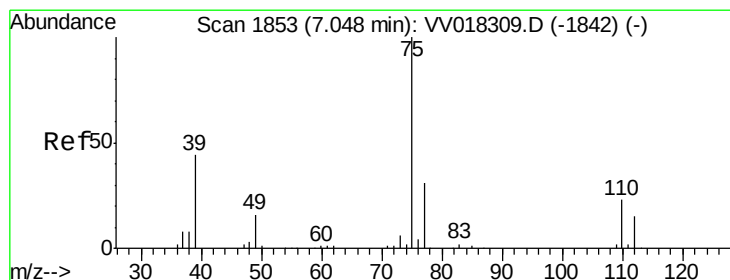
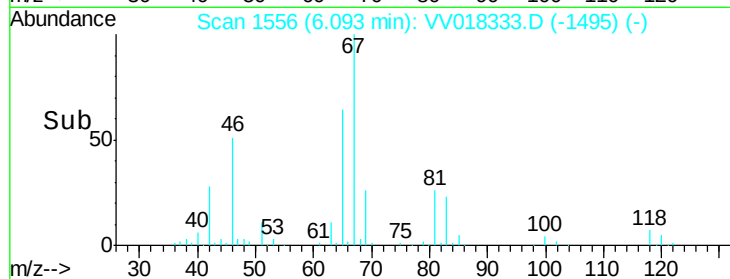
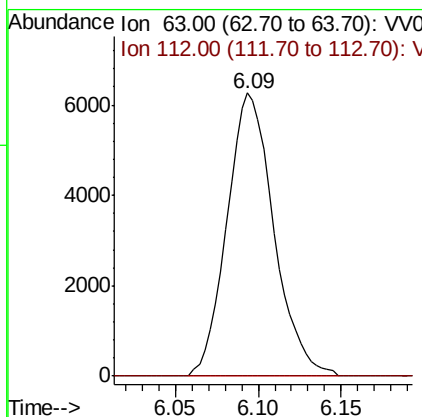
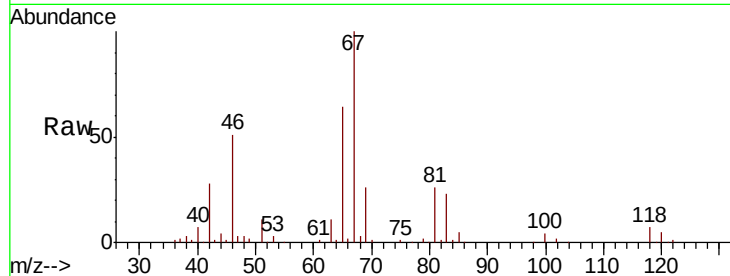




#37
 1,2-Dichloropropane
 Concen: 5.942 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018333.D
 Acq: 18 Sep 2020 19:15

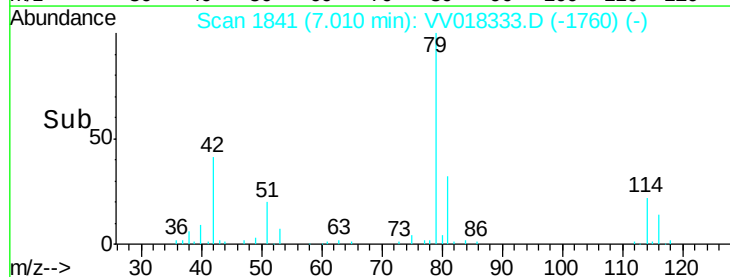
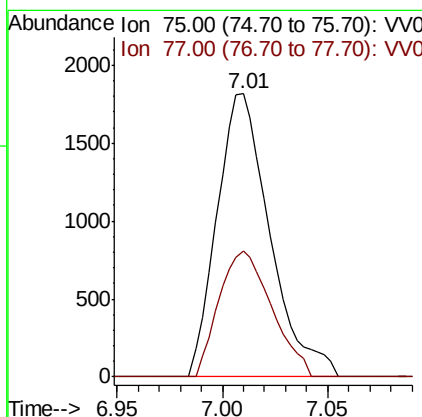
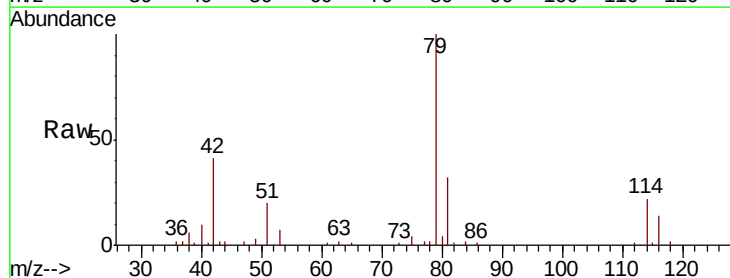
Instrument :
 MSVOA_V
 ClientSampleId :

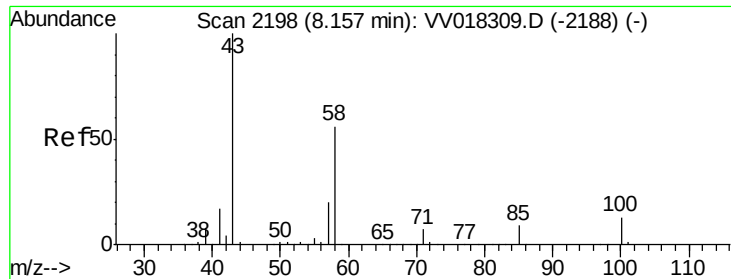
Tot Ion: 63 Resp: 12307
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.992 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018333.D
 Acq: 18 Sep 2020 19:15

Tgt Ion: 75 Resp: 3165
 Ion Ratio Lower Upper
 75 100
 77 44.3 22.3 41.3#





#48

2-Hexanone

Concen: 5.162 ug/L

RT: 8.11 min Scan# 2183

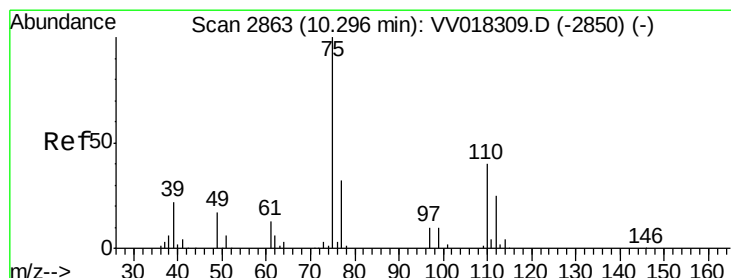
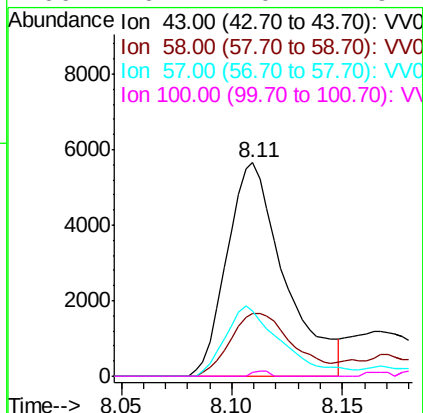
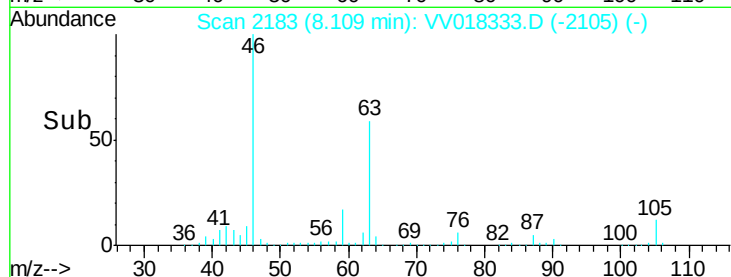
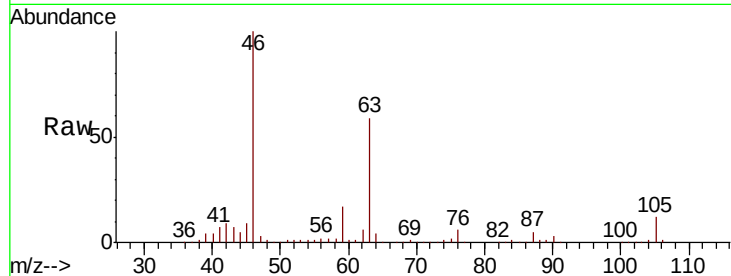
Delta R.T. -0.05 min

Lab File: VV018333.D

Acq: 18 Sep 2020 19:15

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	10226
Ion	Ratio	Lower	Upper
43	100		
58	32.1	44.8	67.2#
57	32.5	15.8	23.6#
100	0.7	10.2	15.4#



#59

1,2,3-Trichloropropane

Concen: 6.274 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018333.D

Acq: 18 Sep 2020 19:15

Tgt Ion:	75	Resp:	15283
Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.8	38.6

