

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018178.D
 Acq On : 10 Sep 2020 14:16
 Operator : SY/MD
 Sample : L3957-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWQ9

Quant Time: Sep 11 01:32:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	295466	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147017	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105156	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.34%
7) Chloroethane-d5	1.58	69	90583	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.94%
11) 1,1-Dichloroethene-d2	2.12	63	151333	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.52%
21) 2-Butanone-d5	3.91	46	143370	97.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.28%
24) Chloroform-d	4.38	84	194298	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
26) 1,2-Dichloroethane-d4	5.06	65	129781	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.08	84	396357	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
36) 1,2-Dichloropropane-d6	6.09	67	127563	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.12%
41) Toluene-d8	7.34	98	354452	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%
43) trans-1,3-Dichloropropene-	7.64	79	61596	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.38%
47) 2-Hexanone-d5	8.11	63	93430	91.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.96%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	161999	48.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	151386	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

Target Compounds

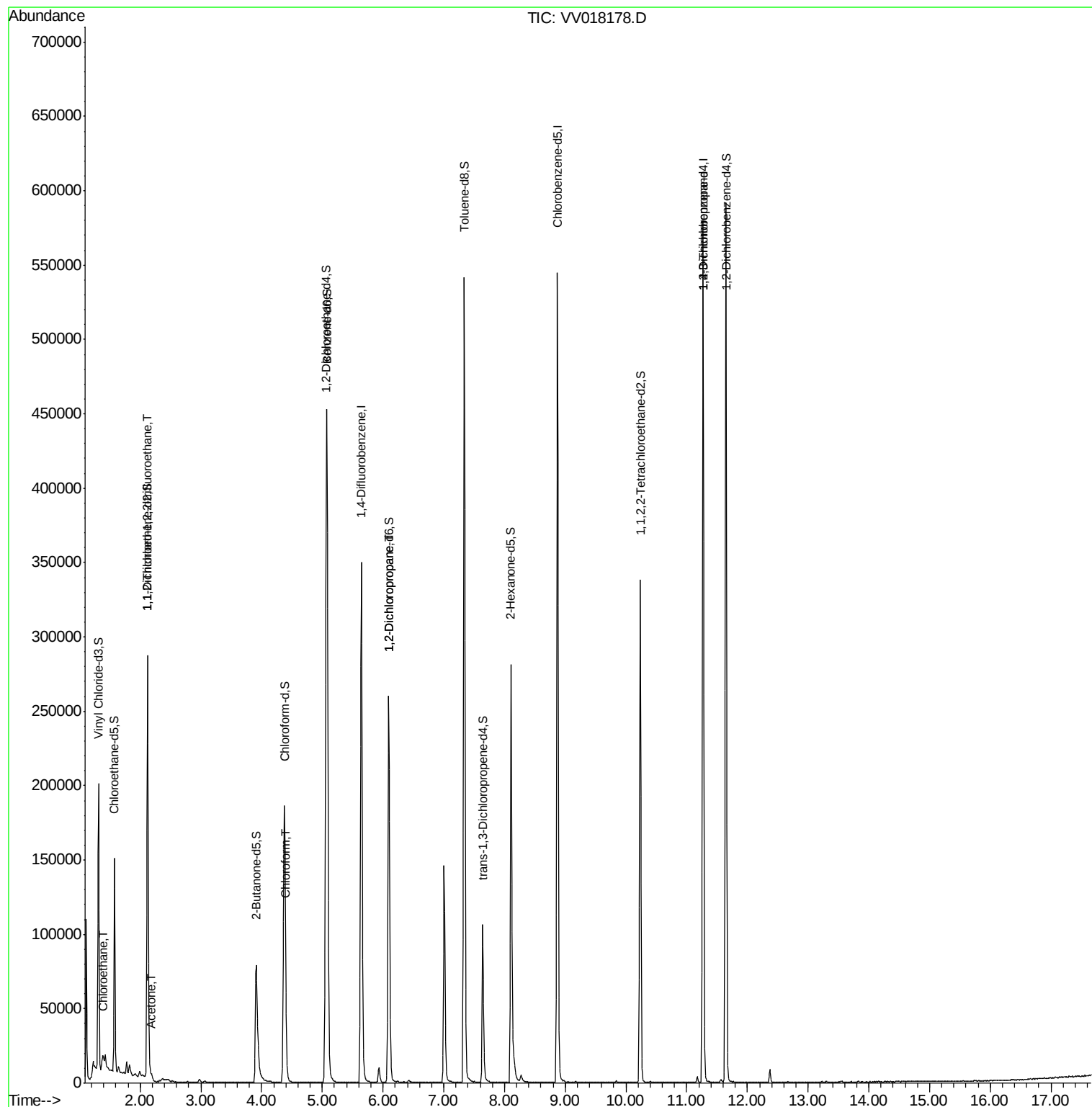
					Ovalue
8) Chloroethane	1.38	64	24841	16.437	ug/L # 52
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1342	0.673	ug/L # 19
13) Acetone	2.19	43	3878	3.286	ug/L 94
25) Chloroform	4.41	83	3511	0.914	ug/L 97
37) 1,2-Dichloropropane	6.09	63	14034	6.282	ug/L # 87
59) 1,2,3-Trichloropropane	11.27	75	17055	6.490	ug/L 92

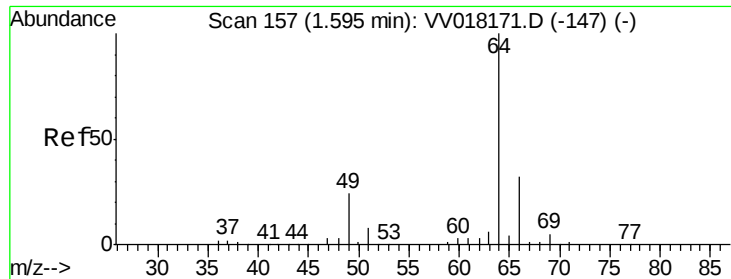
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 11 01:30:09 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 16.437 ug/L

RT: 1.38 min Scan# 91

Delta R.T. -0.21 min

Lab File: VV018178.D

Acq: 10 Sep 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

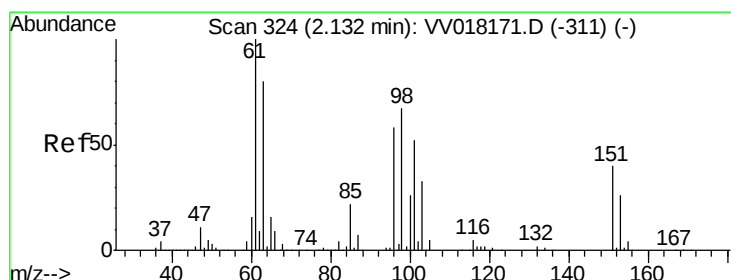
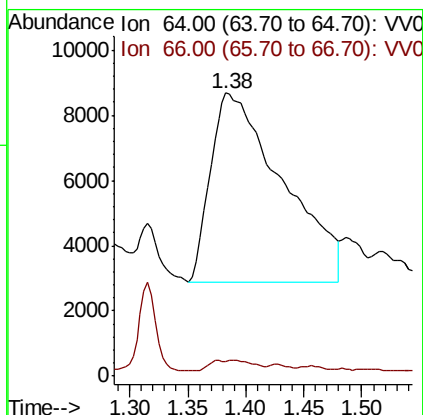
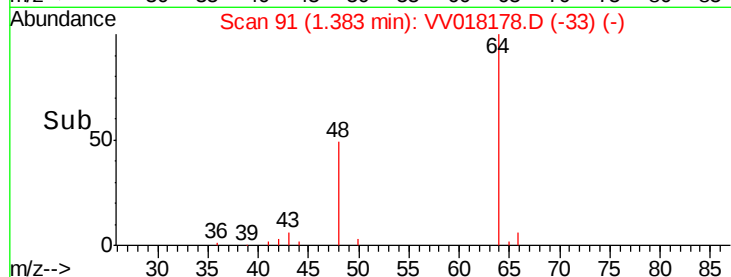
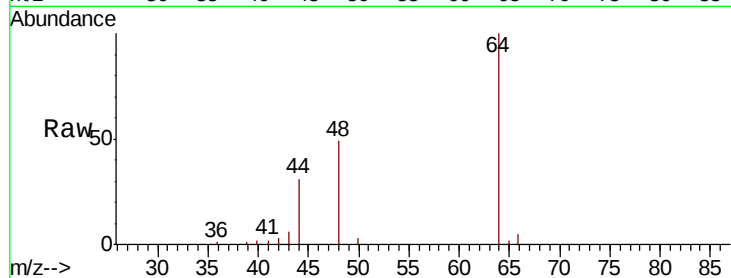
BFWQ9

Tot Ion: 64 Resp: 24841

Ion Ratio Lower Upper

64 100

66 5.4 22.5 41.7#



#10

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

Concen: 0.673 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018178.D

Acq: 10 Sep 2020 14:16

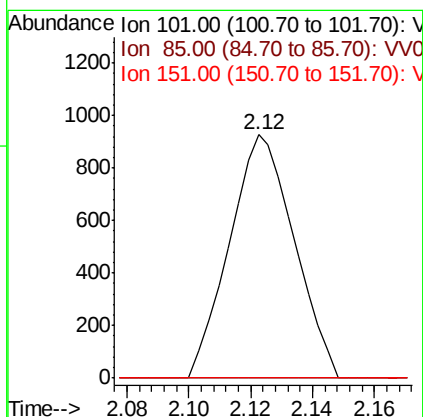
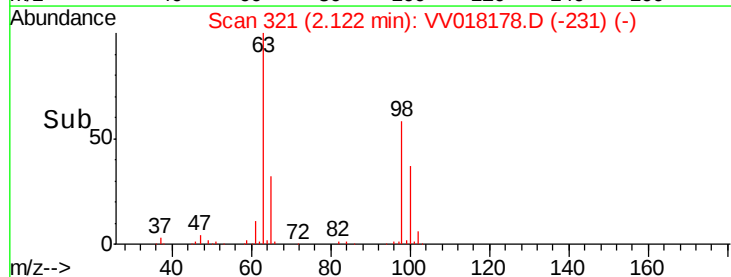
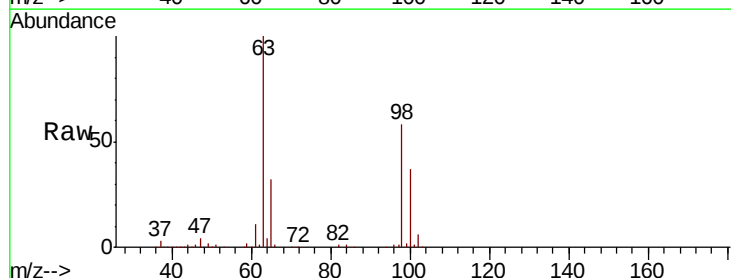
Tgt Ion: 101 Resp: 1342

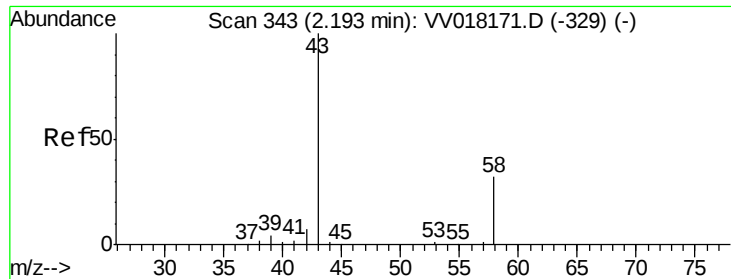
Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 0.0 62.2 93.2#





#13

Acetone

Concen: 3.286 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV018178.D

Acq: 10 Sep 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

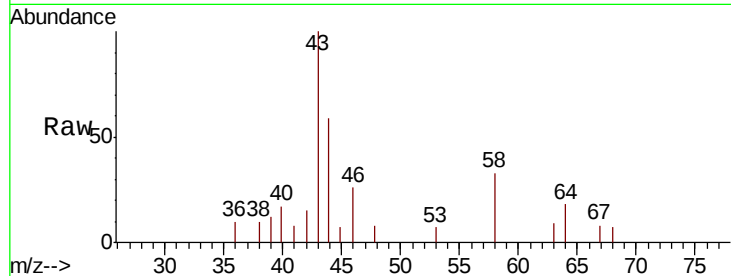
BFWQ9

Tot Ion: 43 Resp: 3878

Ion Ratio Lower Upper

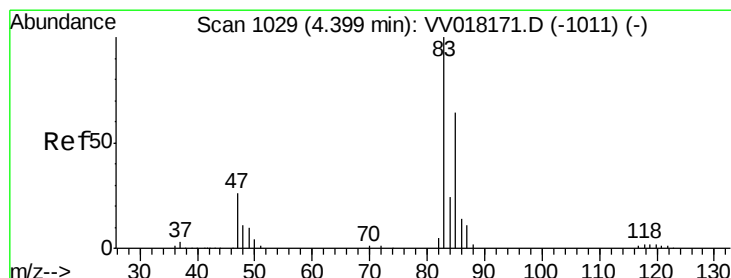
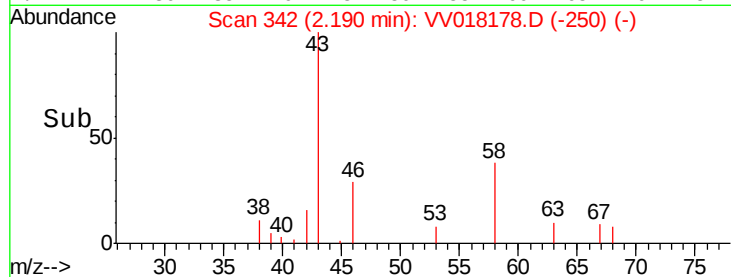
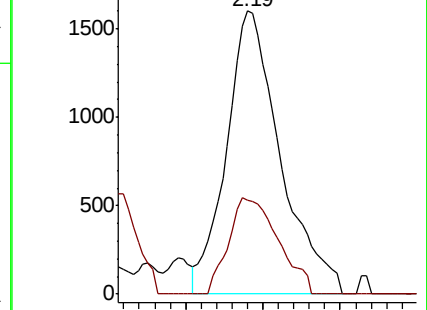
43 100

58 30.0 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018171.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018171.D (-329) (-)



#25

Chloroform

Concen: 0.914 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV018178.D

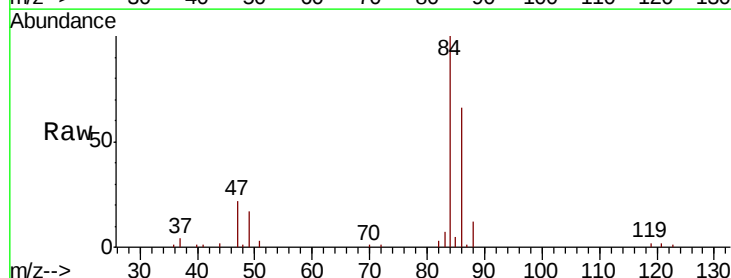
Acq: 10 Sep 2020 14:16

Tgt Ion: 83 Resp: 3511

Ion Ratio Lower Upper

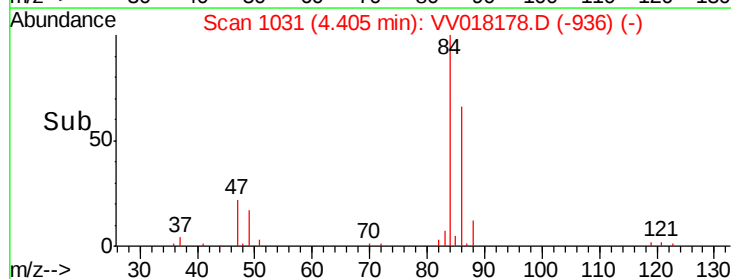
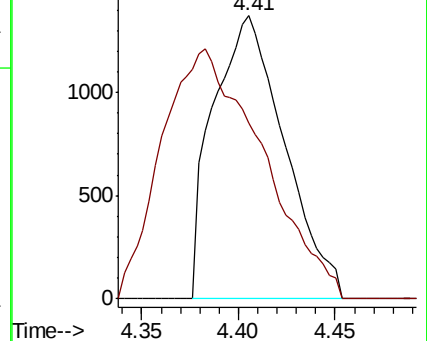
83 100

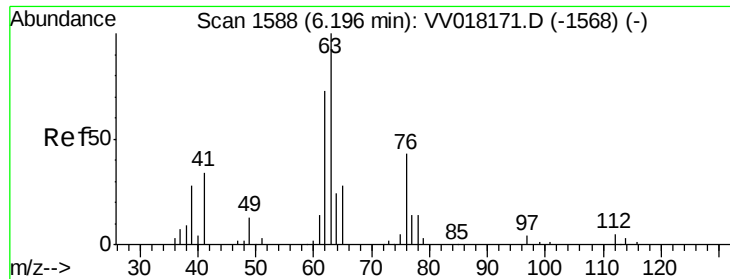
85 61.9 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV018171.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV018171.D (-1011) (-)

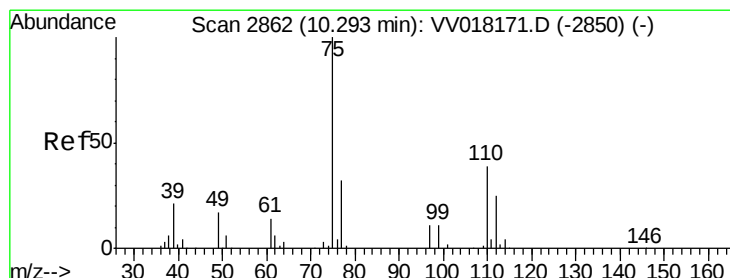
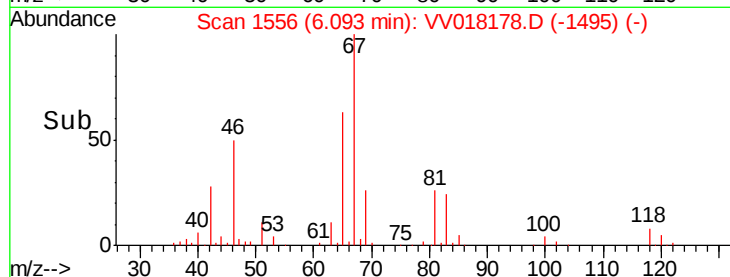
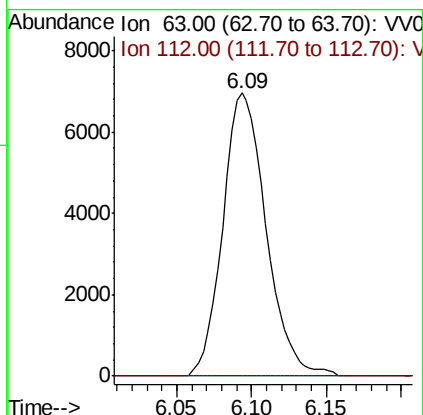
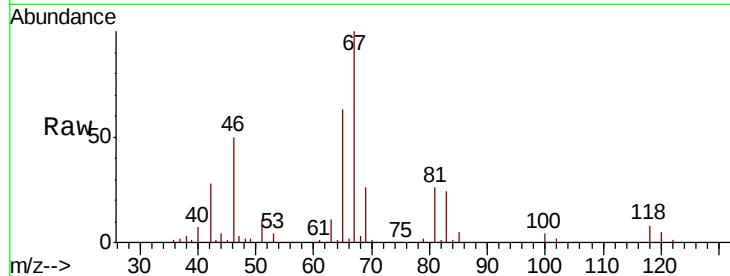




#37
 1,2-Dichloropropane
 Concen: 6.282 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018178.D
 Acq: 10 Sep 2020 14:16

Instrument :
 MSVOA_V
 ClientSampled :
 BFWQ9

Tot Ion: 63 Resp: 14034
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 6.490 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018178.D
 Acq: 10 Sep 2020 14:16

Tgt Ion: 75 Resp: 17055
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.8 38.6

