

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013878.D
 Acq On : 02 Dec 2019 18:01
 Operator : SY/MD
 Sample : K6028-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 03 03:06:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	662566	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	604430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	275710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	172984	45.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.28%
7) Chloroethane-d5	1.57	69	190164	47.54	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.08%
11) 1,1-Dichloroethene-d2	1.97	63	224	0.03	ug/L	-0.15
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.92	46	314485	116.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.60%
24) Chloroform-d	4.39	84	379739	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
26) 1,2-Dichloroethane-d4	5.07	65	244608	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
32) Benzene-d6	5.09	84	771405	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
36) 1,2-Dichloropropane-d6	6.11	67	244193	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.88%
41) Toluene-d8	7.35	98	690875	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%
43) trans-1,3-Dichloropropene-	7.66	79	108279	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.66%
47) 2-Hexanone-d5	8.13	63	222702	126.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.86%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	332915	48.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	295521	54.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.14%

Target Compounds

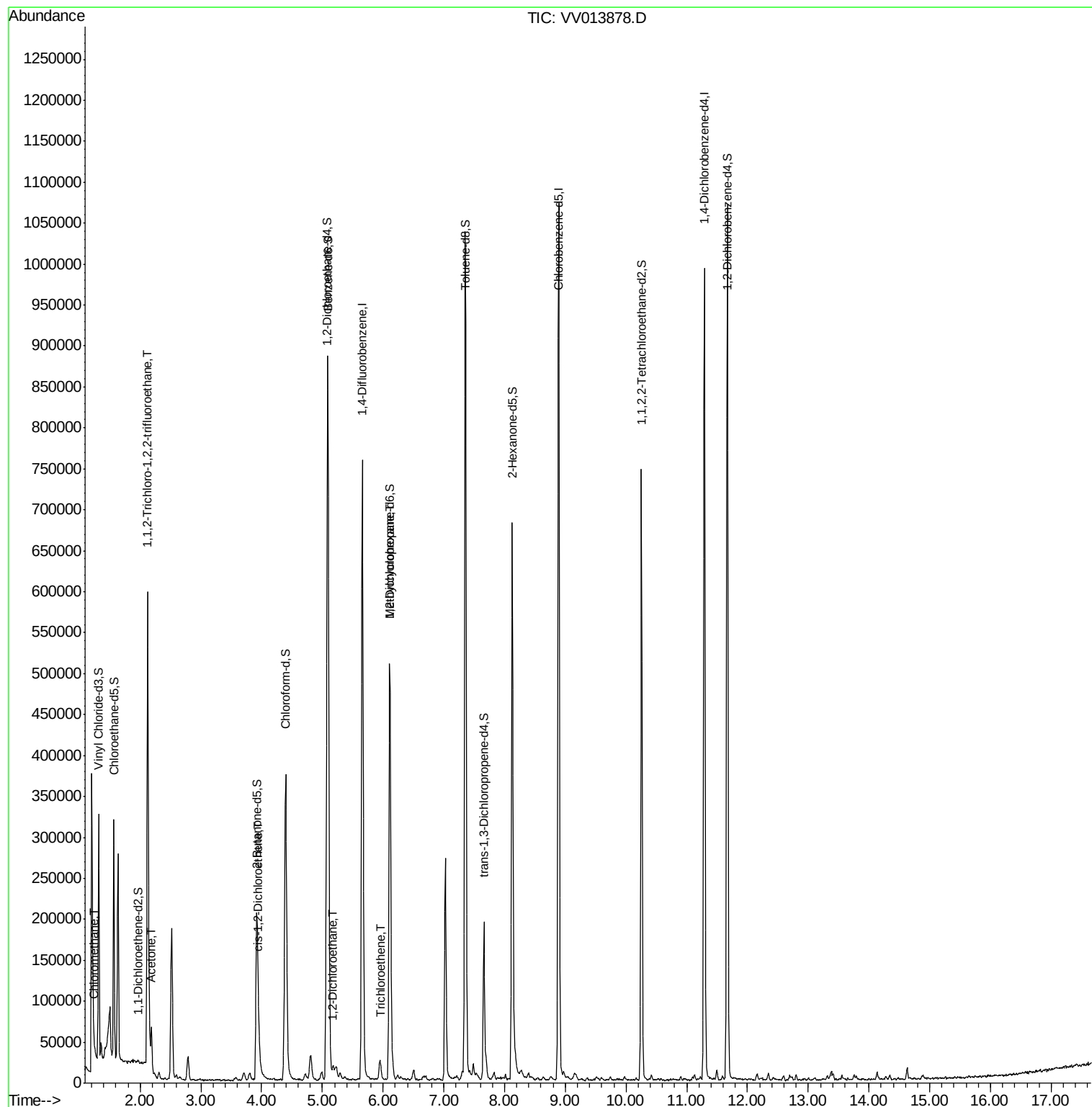
					Ovalue
3) Chloromethane	1.25	50	5161	0.957 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3453	0.693 ug/L #	29
13) Acetone	2.18	43	41847	10.587 ug/L	93
20) cis-1,2-Dichloroethene	3.96	96	10699	2.098 ug/L	93
27) 1,2-Dichloroethane	5.18	62	12269	1.878 ug/L #	91
34) Trichloroethene	5.96	95	3582	0.742 ug/L	85
35) Methylcyclohexane	6.11	83	62716	8.658 ug/L #	19

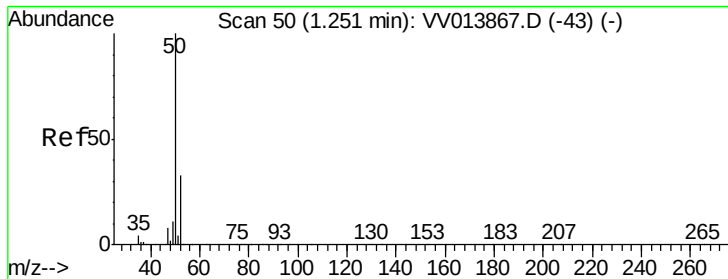
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.957 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV013878.D

Acq: 02 Dec 2019 18:01

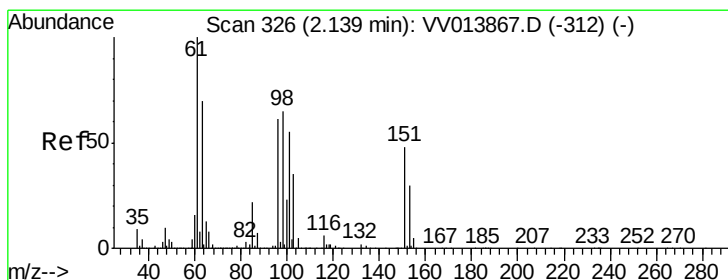
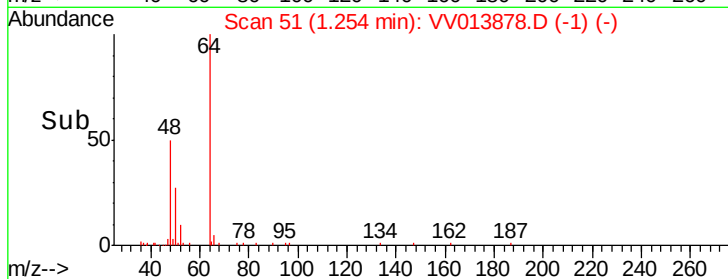
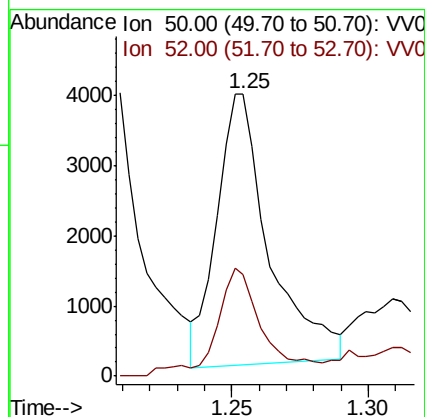
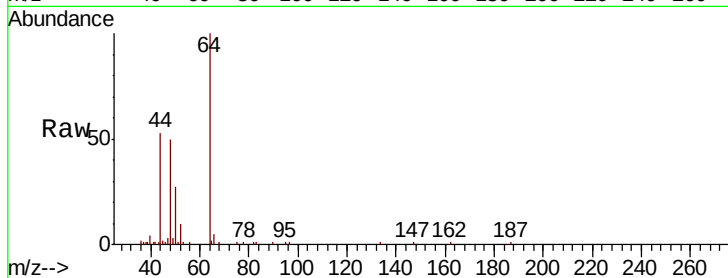
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 5161

Ion Ratio Lower Upper

50 100

52 35.8 23.0 42.6



#10

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

Concen: 0.693 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013878.D

Acq: 02 Dec 2019 18:01

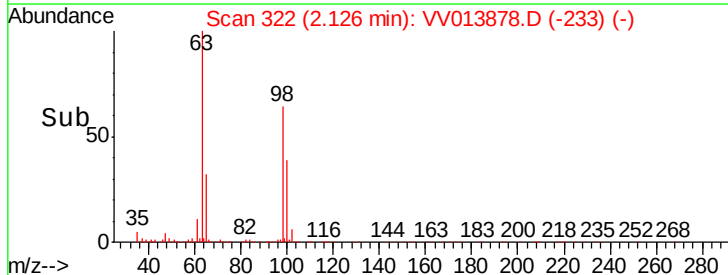
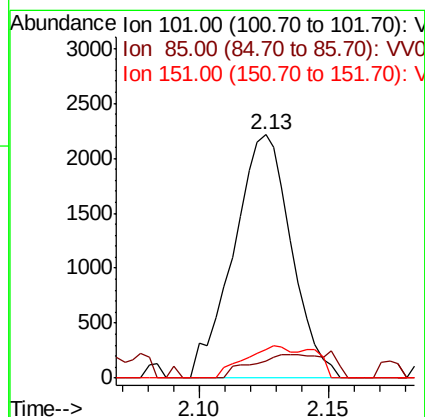
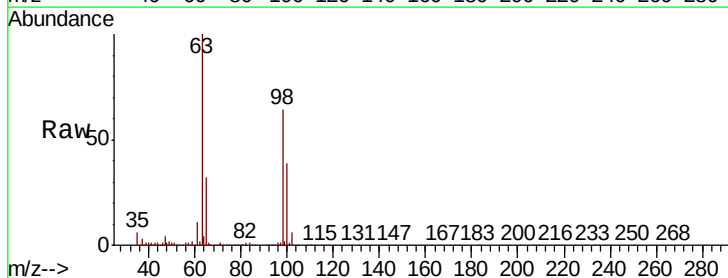
Tgt Ion: 101 Resp: 3453

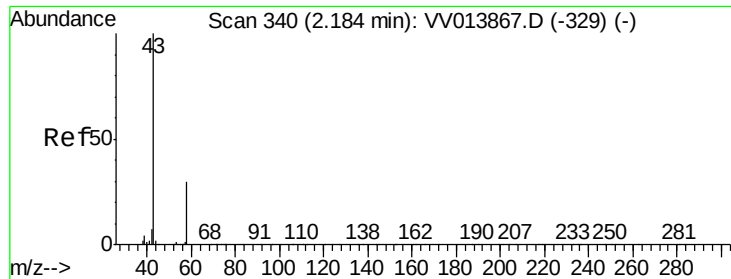
Ion Ratio Lower Upper

101 100

85 9.6 32.5 48.7#

151 11.8 69.8 104.6#





#13

Acetone

Concen: 10.587 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV013878.D

Acq: 02 Dec 2019 18:01

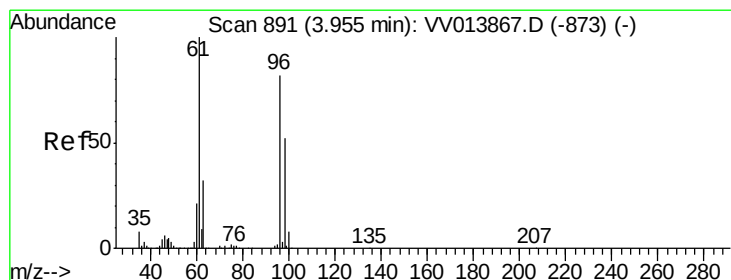
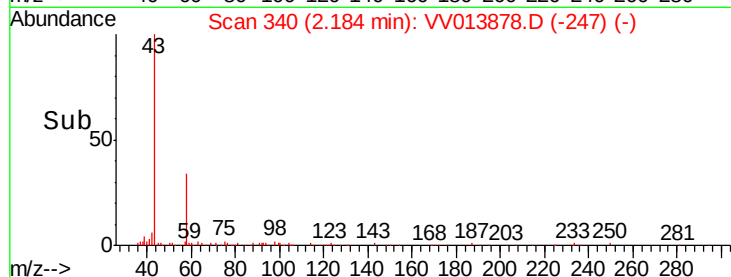
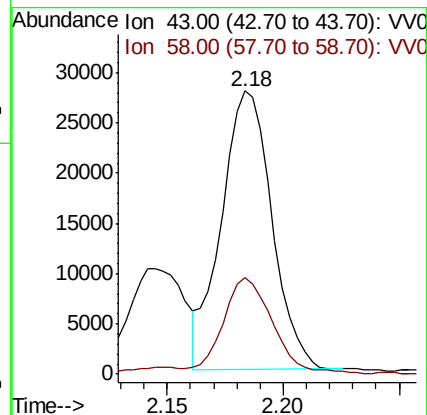
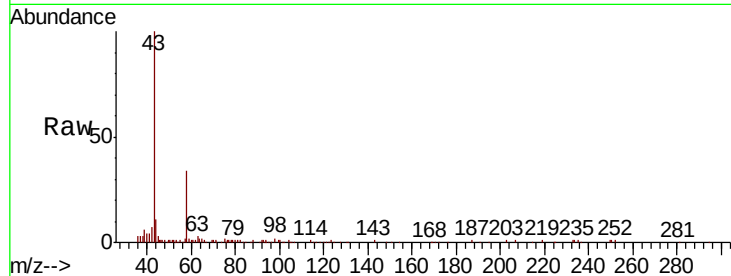
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 41847

Ion Ratio Lower Upper

43 100

58 34.3 0.0 60.8



#20

cis-1,2-Dichloroethene

Concen: 2.098 ug/L

RT: 3.96 min Scan# 891

Delta R.T. -0.00 min

Lab File: VV013878.D

Acq: 02 Dec 2019 18:01

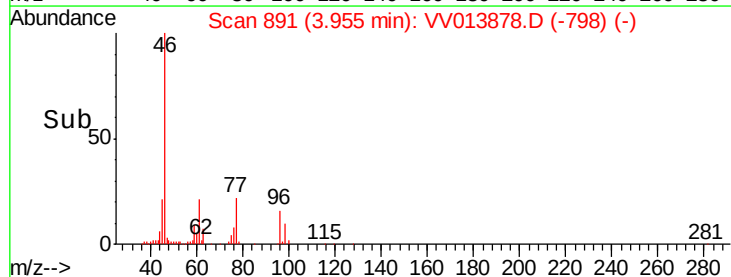
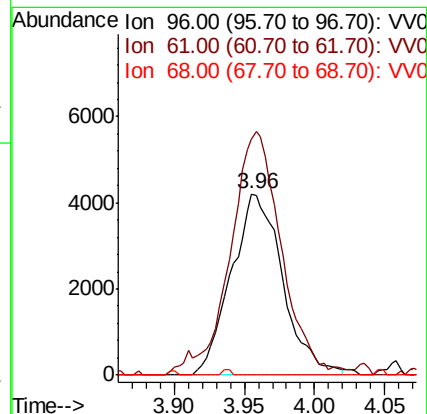
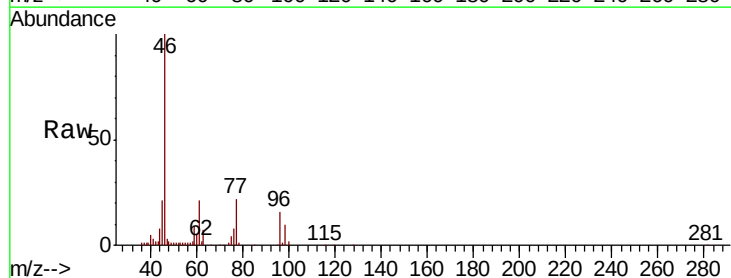
Tgt Ion: 96 Resp: 10699

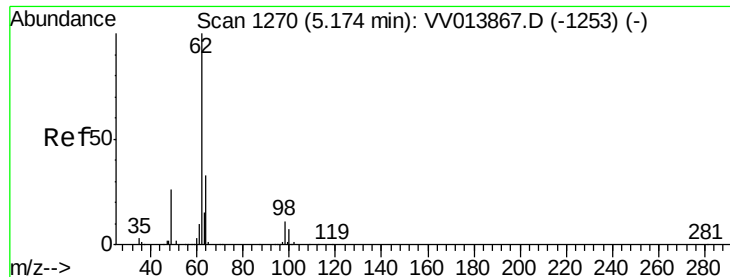
Ion Ratio Lower Upper

96 100

61 130.2 85.3 158.5

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 1.878 ug/L

RT: 5.18 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VV013878.D

Acq: 02 Dec 2019 18:01

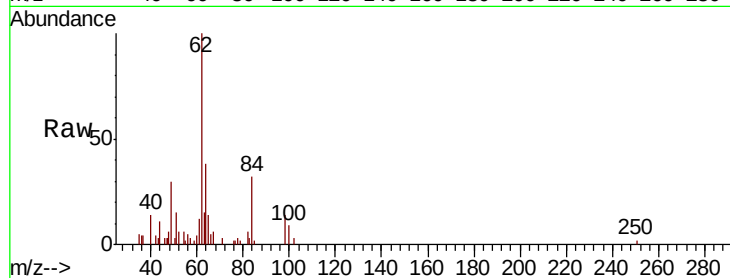
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 12269

Ion Ratio Lower Upper

62 100

98 14.1 8.5 12.7#



Abundance Ion 62.00 (61.70 to 62.70): VV013867.D (-1253) (-)

Ion 98.00 (97.70 to 98.70): VV013867.D (-1253) (-)

5.18

6000

5000

4000

3000

2000

1000

0

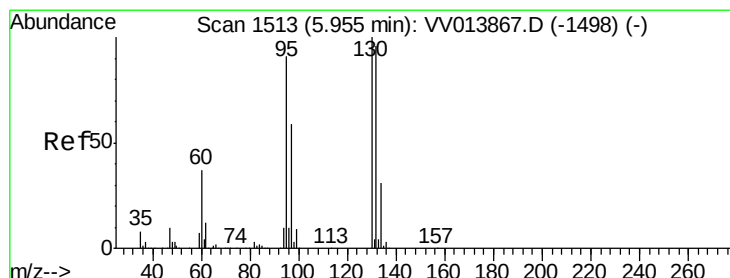
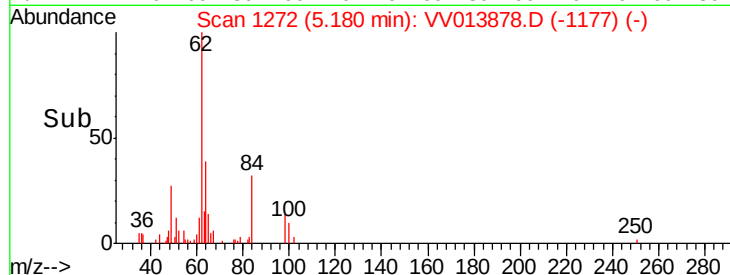
5.10

5.15

5.20

5.25

Time-->



#34

Trichloroethene

Concen: 0.742 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV013878.D

Acq: 02 Dec 2019 18:01

Tgt Ion: 95 Resp: 3582

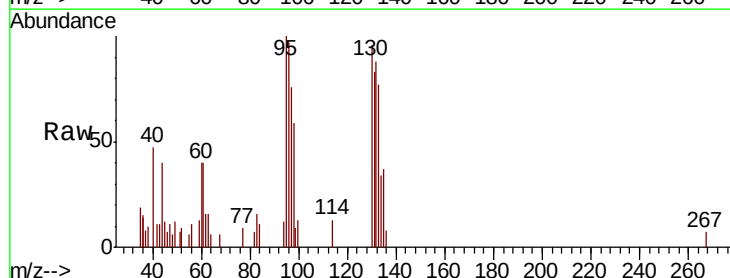
Ion Ratio Lower Upper

95 100

97 75.6 45.4 84.4

132 88.1 73.7 136.9

130 95.9 77.1 143.1



Abundance Ion 95.00 (94.70 to 95.70): VV013867.D (-1498) (-)

Ion 97.00 (96.70 to 97.70): VV013867.D (-1498) (-)

Ion 132.00 (131.70 to 132.70): VV013867.D (-1498) (-)

Ion 130.00 (129.70 to 130.70): VV013867.D (-1498) (-)

2500

2000

1500

1000

500

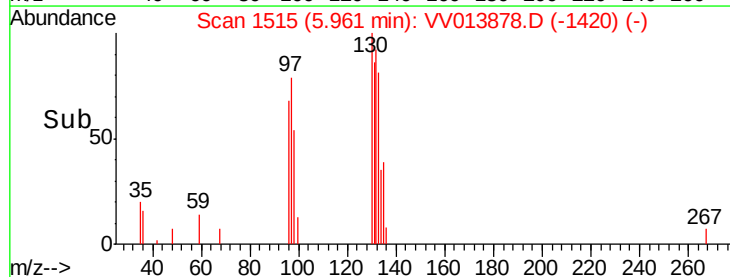
0

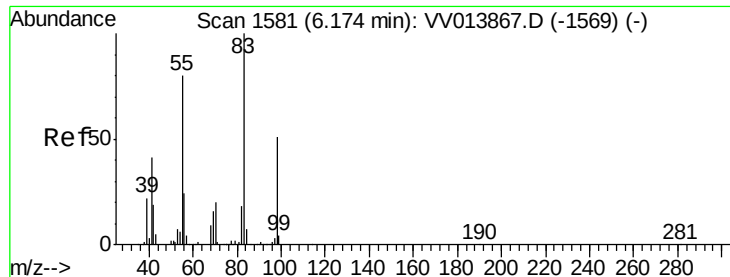
5.90

5.95

6.00

Time-->

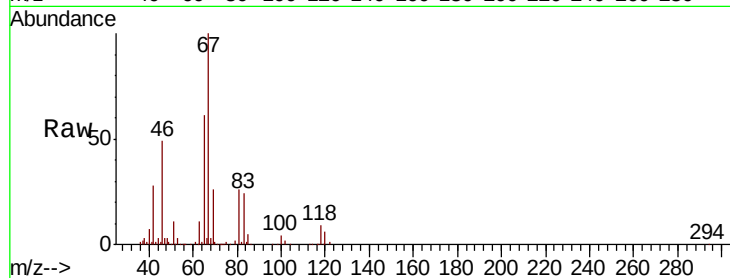




#35
 Methvlcvclohexane
 Concen: 8.658 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.06 min
 Lab File: VV013878.D
 Acq: 02 Dec 2019 18:01

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.1	61.0	91.4#
98	1.8	39.6	59.4#



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

