

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013188.D
 Acq On : 18 Oct 2019 00:05
 Operator : SY/MD
 Sample : K5404-07
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 03:42:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 03:32:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	480007	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	509313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	236905	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	245705	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.59	69	194972	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	278520	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.96	46	247705	24.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	49.56%
24) Chloroform-d	4.40	84	411571	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	199993	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.10	84	844958	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	259985	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	695022	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.66	79	86004	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.13	63	334052	41.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	191868	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	248125	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

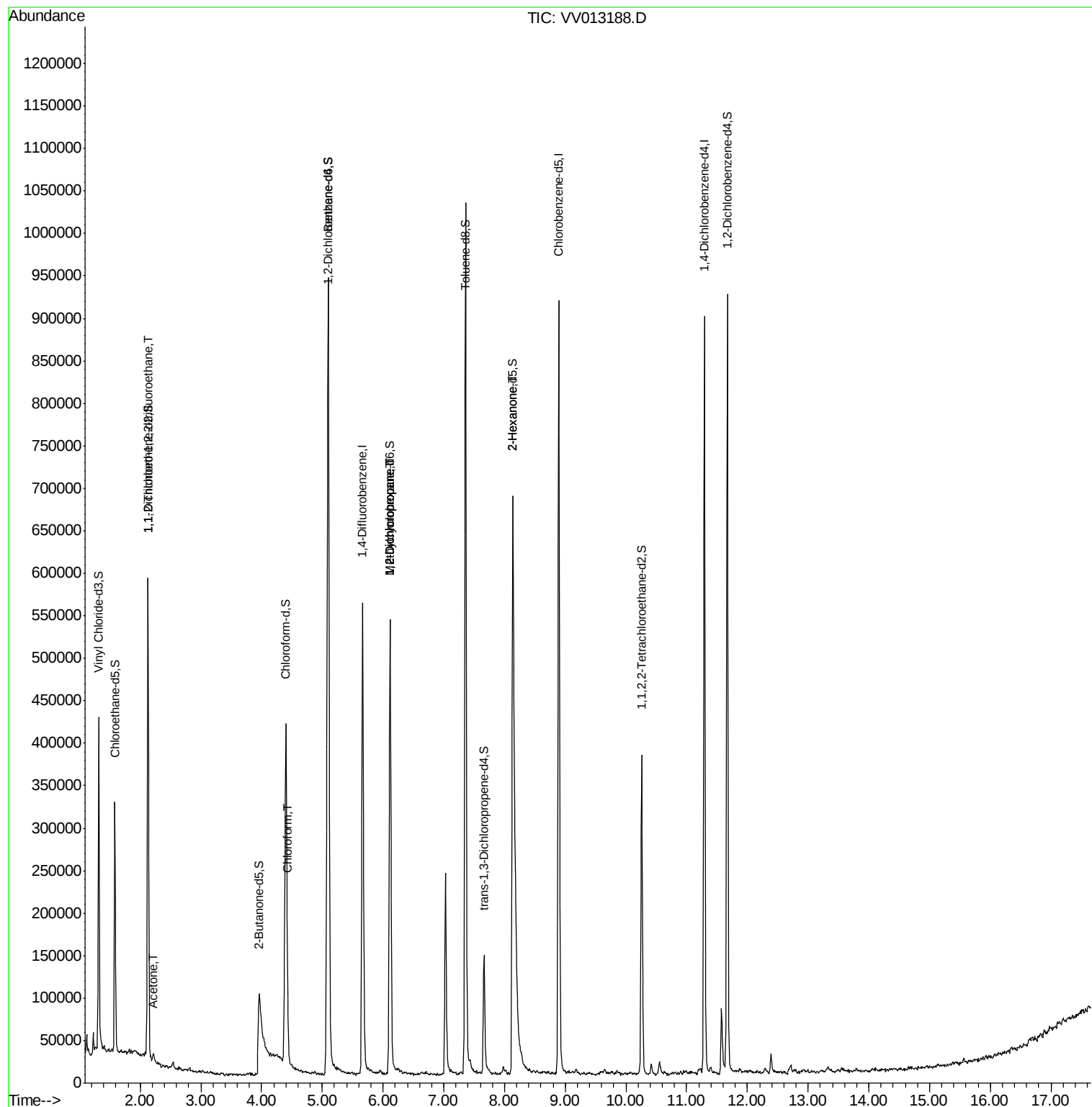
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3438	0.083	ug/L #	24
13) Acetone	2.22	43	28227	4.332	ug/L	81
25) Chloroform	4.43	83	10120	0.105	ug/L	83
35) Methylcyclohexane	6.11	83	60857	0.731	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	27389	0.555	ug/L #	86
48) 2-Hexanone	8.14	43	60191	3.033	ug/L #	83

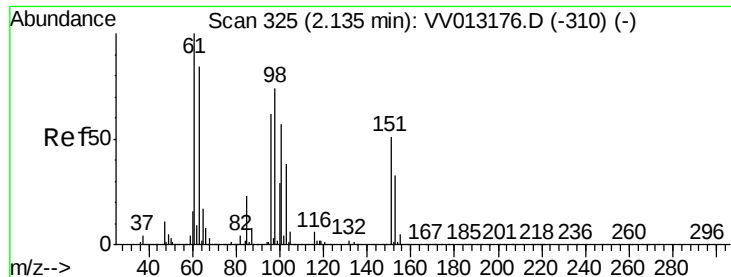
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.083 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013188.D

Acq: 18 Oct 2019 00:05

Instrument :

MSVOA_V

ClientSampleId :

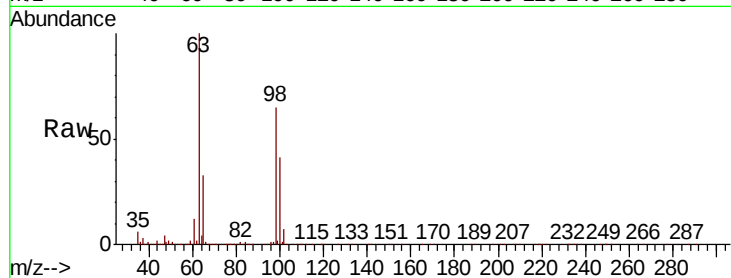
Tot Ion:101 Resp: 3438

Ion Ratio Lower Upper

101 100

85 13.0 32.4 48.6#

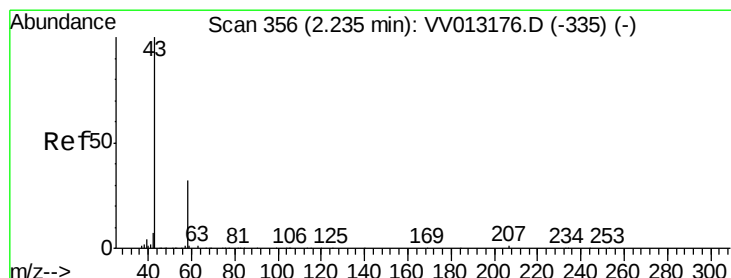
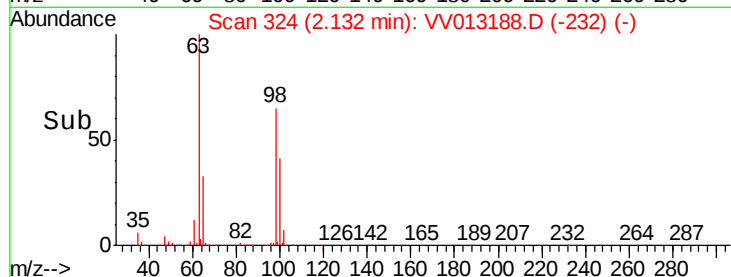
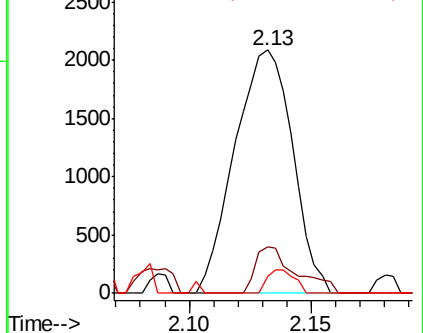
151 4.5 71.9 107.9#



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: 4.332 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.02 min

Lab File: VV013188.D

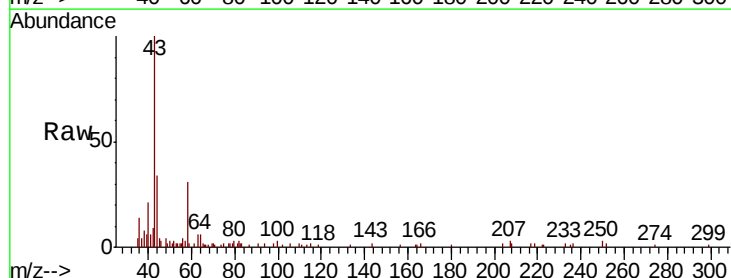
Acq: 18 Oct 2019 00:05

Tgt Ion: 43 Resp: 28227

Ion Ratio Lower Upper

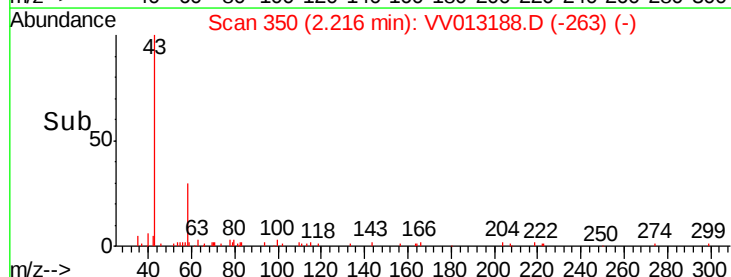
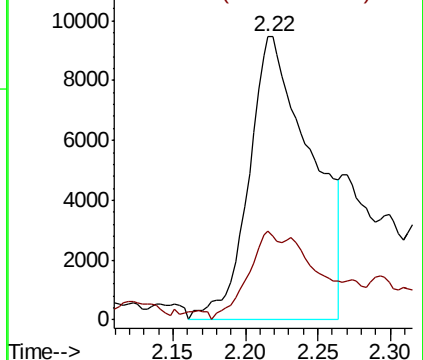
43 100

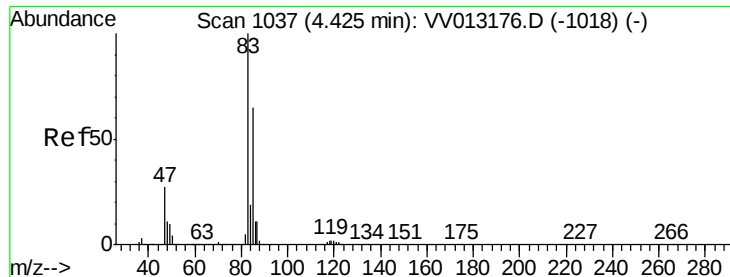
58 16.6 0.0 52.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#25

Chloroform

Concen: 0.105 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV013188.D

Acq: 18 Oct 2019 00:05

Instrument :

MSVOA_V

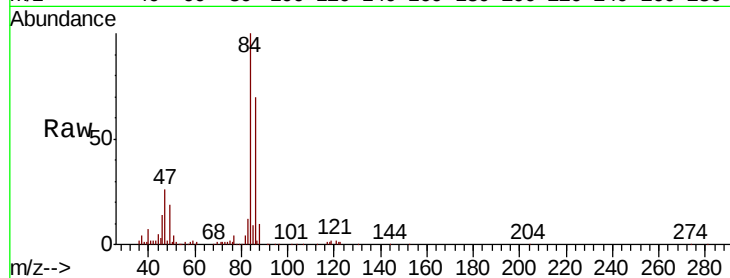
ClientSampleId :

Tot Ion: 83 Resp: 10120

Ion Ratio Lower Upper

83 100

85 78.0 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VV013176.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV013176.D (-1018) (-)

4.43

4000

3000

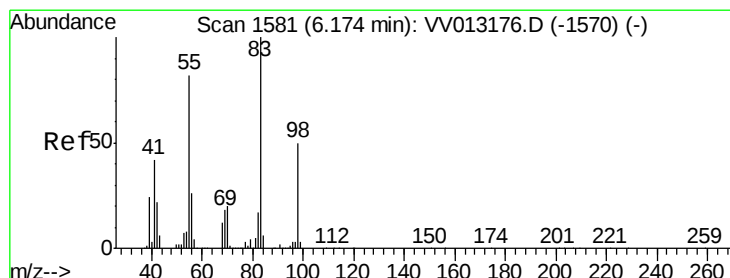
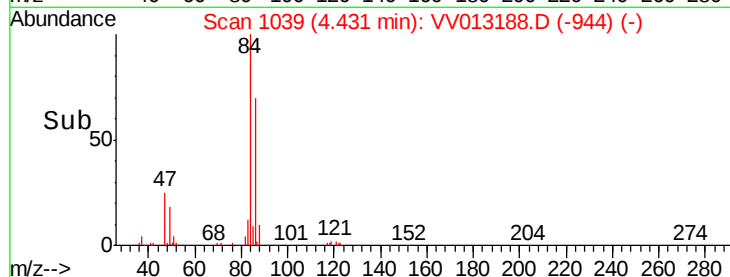
2000

1000

0

4.35 4.40 4.45 4.50

Time-->



#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013188.D

Acq: 18 Oct 2019 00:05

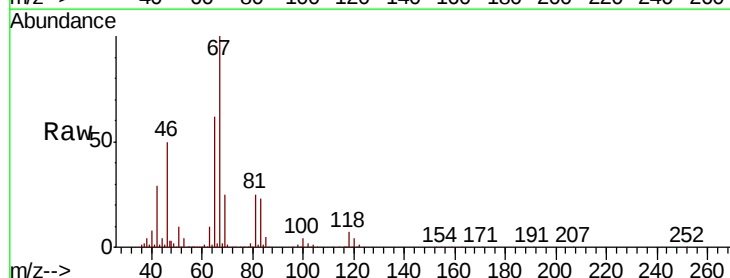
Tgt Ion: 83 Resp: 60857

Ion Ratio Lower Upper

83 100

55 0.6 64.0 96.0#

98 2.8 38.6 57.8#



Abundance Ion 83.15 (82.85 to 83.85): VV013176.D (-1570) (-)

Ion 55.10 (54.80 to 55.80): VV013176.D (-1570) (-)

Ion 98.15 (97.85 to 98.85): VV013176.D (-1570) (-)

40000

30000

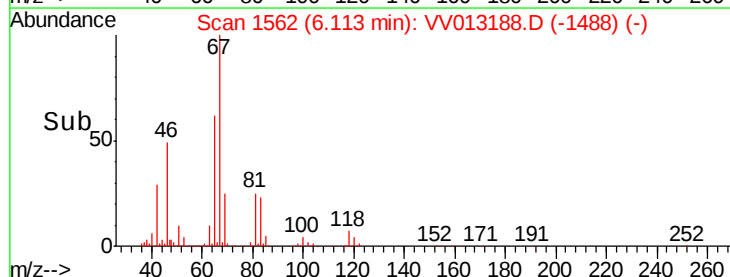
20000

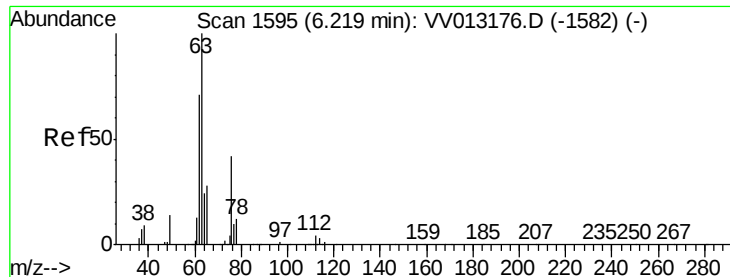
10000

0

6.05 6.10 6.15 6.20

Time-->

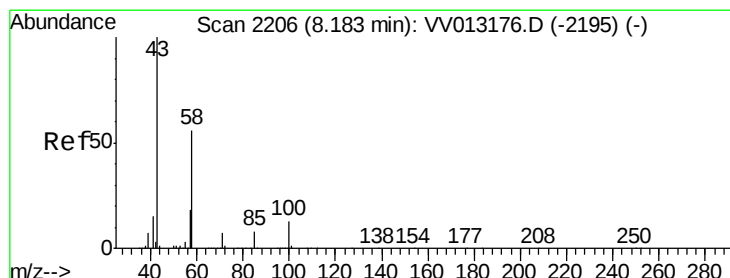
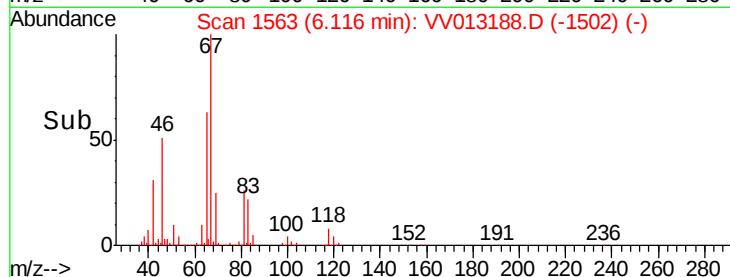
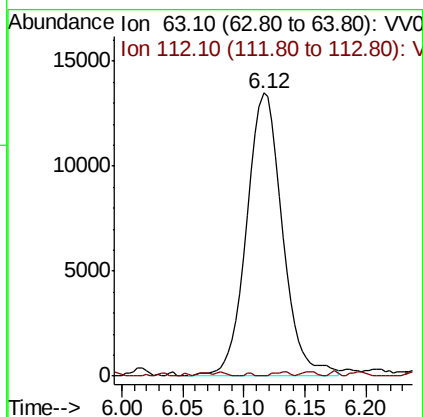
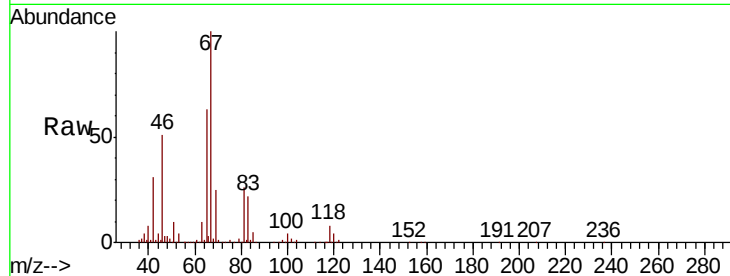




#37
 1,2-Dichloropropane
 Concen: 0.555 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013188.D
 Acq: 18 Oct 2019 00:05

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 27389
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#48
 2-Hexanone
 Concen: 3.033 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV013188.D
 Acq: 18 Oct 2019 00:05

Tgt Ion: 43 Resp: 60191
 Ion Ratio Lower Upper
 43 100
 58 46.0 44.2 66.2
 57 29.4 14.5 21.7#
 100 1.3 9.5 14.3#

