

Data File : VV013589.D
Acq On : 12 Nov 2019 15:15
Operator : SY/MD
Sample : K5797-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AL9

Quant Time: Nov 13 04:31:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 13 04:27:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	385994	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	388610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	167369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68289	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	73882	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.13	63	91695	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	3.94	46	226649	38.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.72%
24) Chloroform-d	4.40	84	218510	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.08	65	111583	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.09	84	352193	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.11	67	130135	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	262551	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.66	79	43040	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.13	63	223795	54.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	106308	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	144431	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

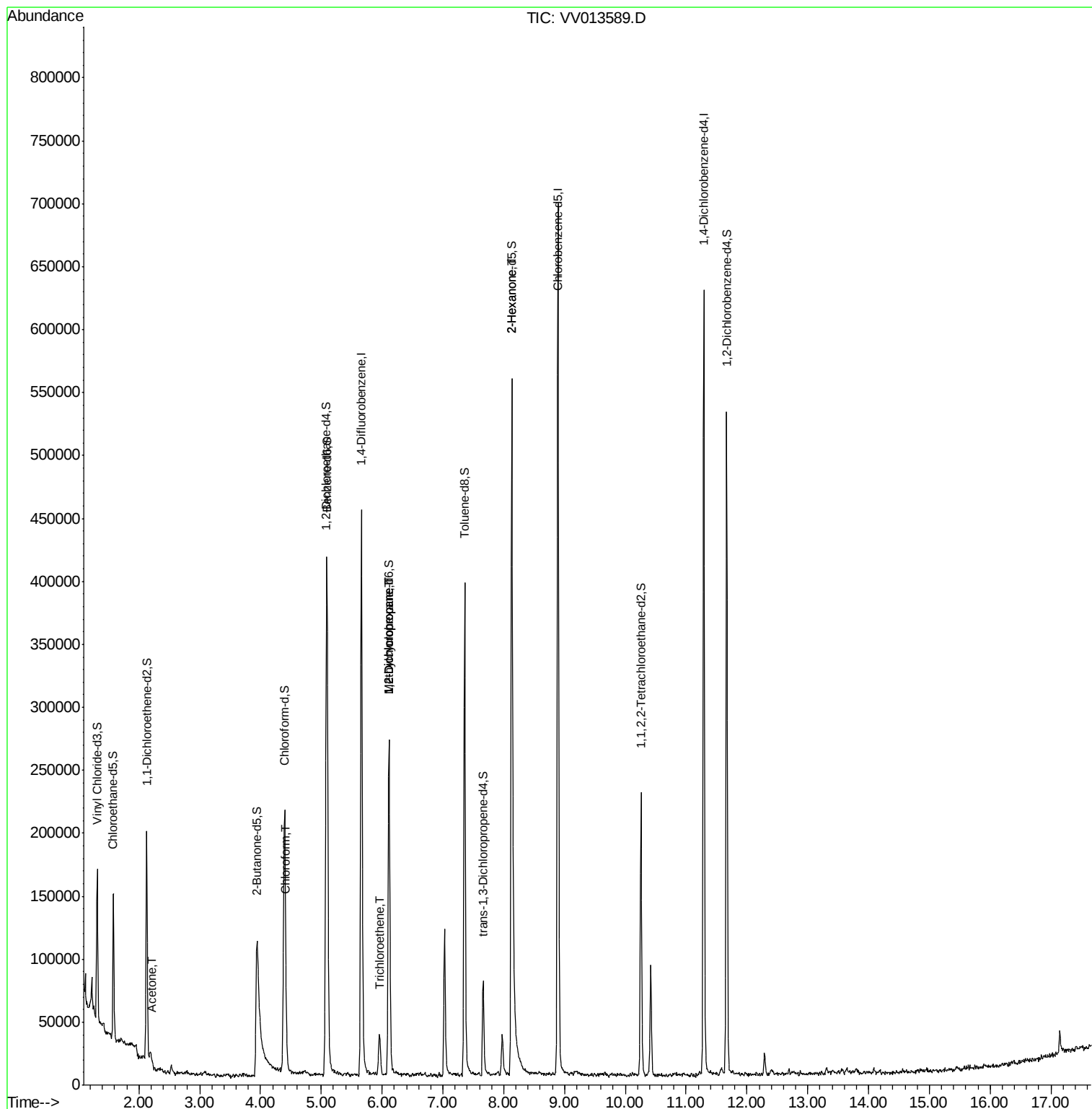
					Qvalue
13) Acetone	2.21	43	14458	4.086	ug/L 98
25) Chloroform	4.42	83	6411	0.109	ug/L 93
34) Trichloroethene	5.96	95	11555	0.355	ug/L 97
35) Methylcyclohexane	6.11	83	31471	0.636	ug/L # 18
37) 1,2-Dichloropropane	6.11	63	14914	0.502	ug/L # 88
48) 2-Hexanone	8.13	43	34429	2.847	ug/L # 66

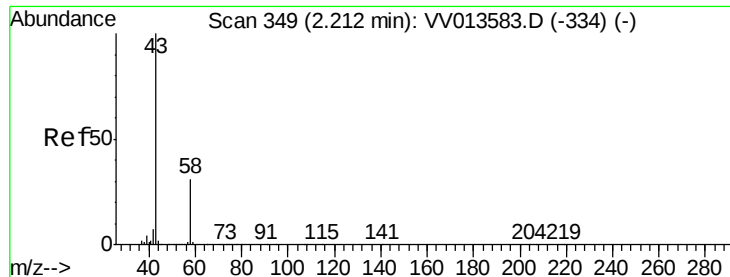
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.086 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

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Acq: 12 Nov 2019 15:15

Instrument :

MSVOA_V

ClientSampleId :

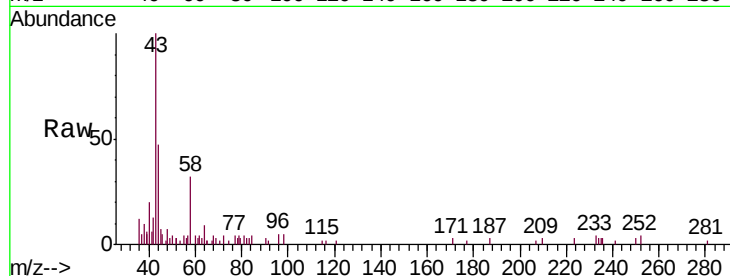
C0AL9

Tgt Ion: 43 Resp: 14458

Ion Ratio Lower Upper

43 100

58 31.6 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

4000

3000

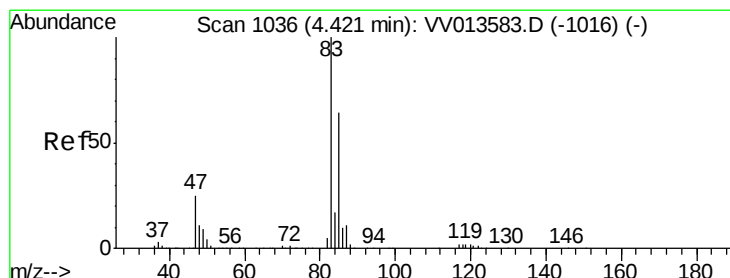
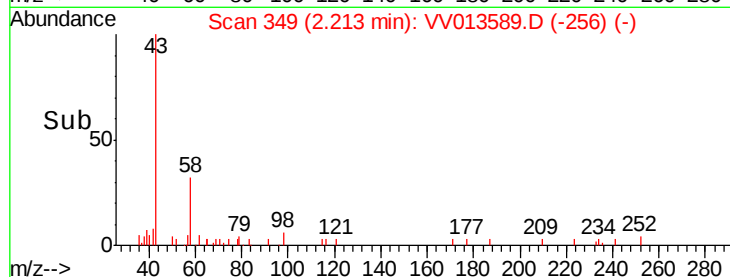
2000

1000

0

Time-->

2.15 2.20 2.25 2.30



#25

Chloroform

Concen: 0.109 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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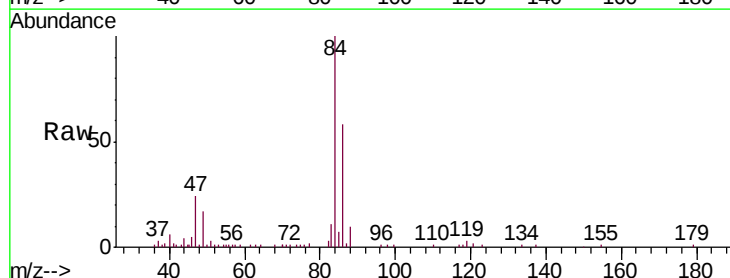
Acq: 12 Nov 2019 15:15

Tgt Ion: 83 Resp: 6411

Ion Ratio Lower Upper

83 100

85 60.7 46.3 86.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

2500

2000

1500

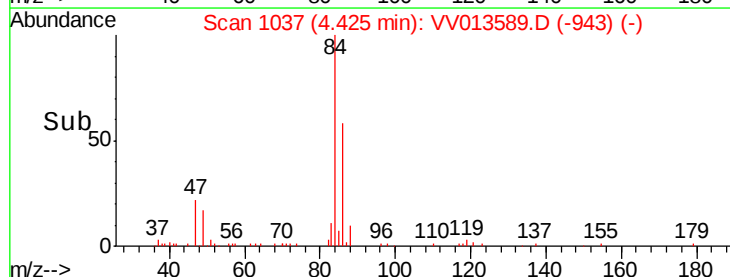
1000

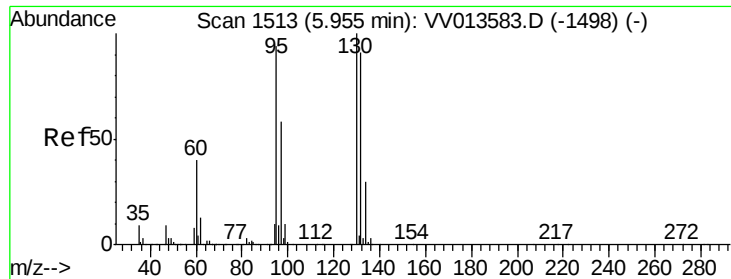
500

0

Time-->

4.35 4.40 4.45





#34

Trichloroethene

Concen: 0.355 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013589.D

Acq: 12 Nov 2019 15:15

Instrument :

MSVOA_V

ClientSampleId :

C0AL9

Tgt Ion: 95 Resp: 11555

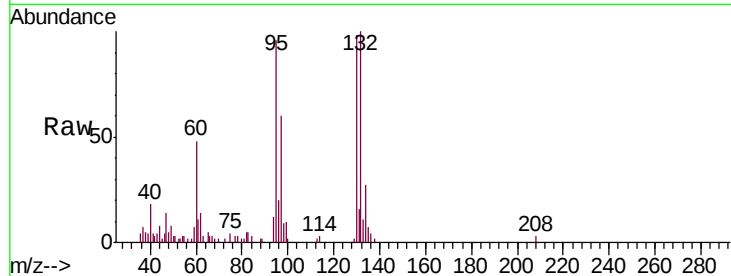
Ion Ratio Lower Upper

95 100

97 62.0 44.7 83.1

132 104.0 71.6 133.0

130 102.2 74.6 138.6

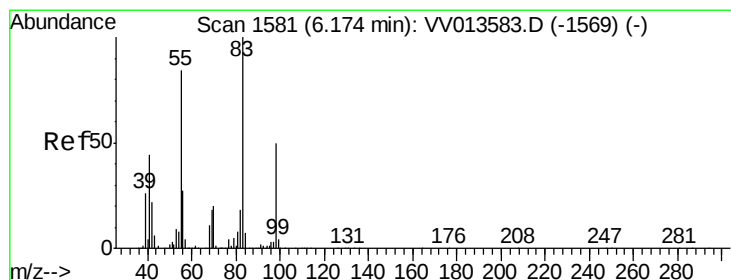
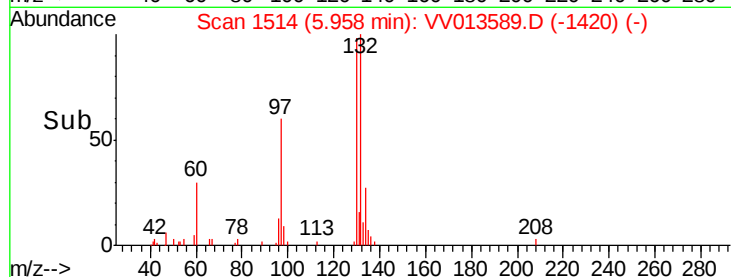
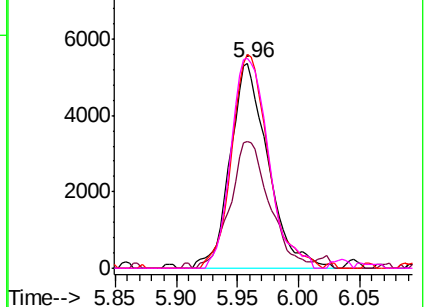


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.636 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

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Acq: 12 Nov 2019 15:15

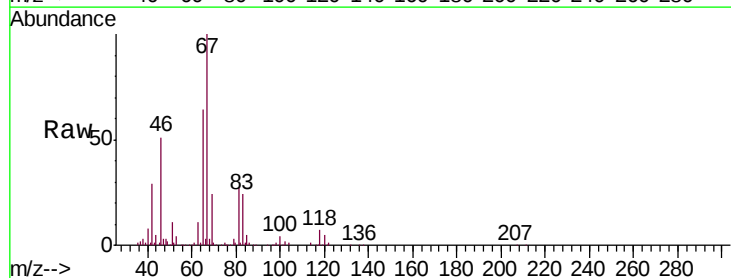
Tgt Ion: 83 Resp: 31471

Ion Ratio Lower Upper

83 100

55 0.9 63.8 95.8#

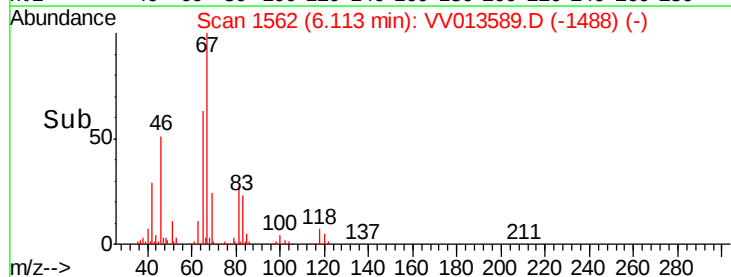
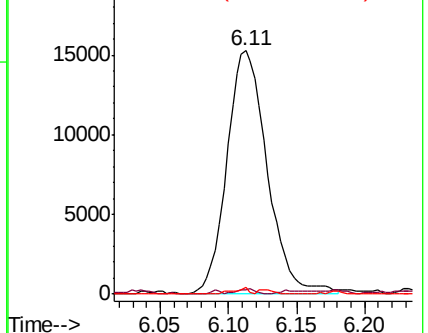
98 0.6 38.4 57.6#

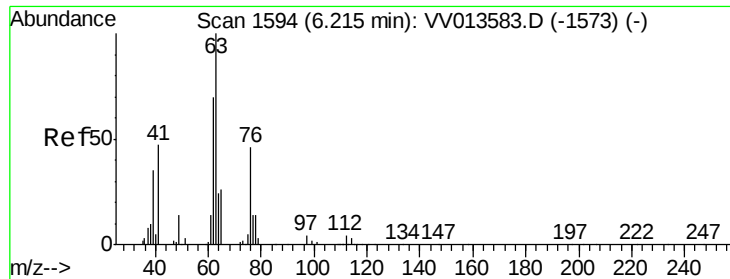


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

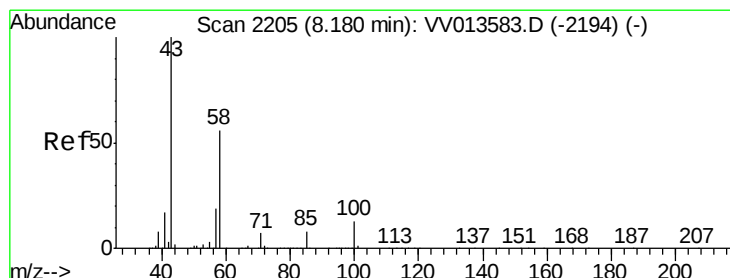
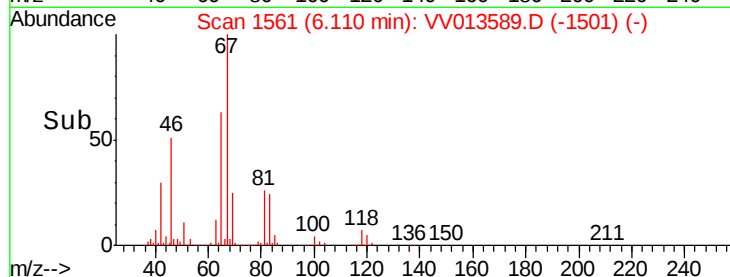
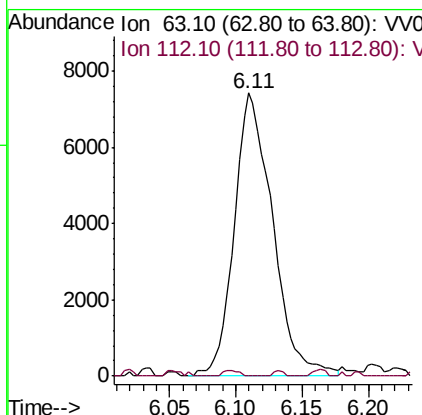
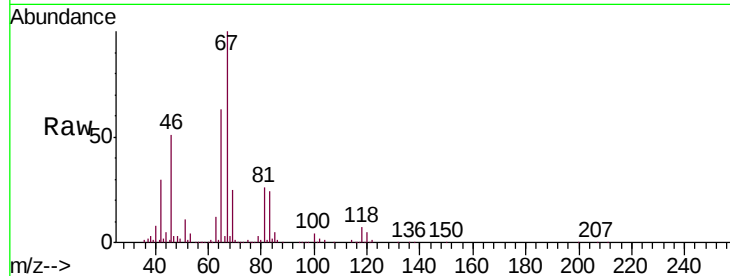




#37
 1,2-Dichloropropane
 Concen: 0.502 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
 Lab File: VV013589.D
 Acq: 12 Nov 2019 15:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL9

Tgt Ion: 63 Resp: 14914
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.8 5.6#



#48
 2-Hexanone
 Concen: 2.847 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV013589.D
 Acq: 12 Nov 2019 15:15

Tgt Ion: 43 Resp: 34429
 Ion Ratio Lower Upper
 43 100
 58 27.7 43.8 65.8#
 57 31.9 15.0 22.6#
 100 2.9 9.8 14.6#

