

Data File : VV014273.D
Acq On : 10 Jan 2020 16:47
Operator : SY/MD
Sample : L1101-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GASC4

Quant Time: Jan 11 00:04:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 11 00:01:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	940352	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	854966	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	393859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	318446	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.59	69	264276	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.14	63	375312	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.92	46	804511	50.90	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.80%
24) Chloroform-d	4.40	84	544652	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.08	65	313413	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	1309912	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.12	67	412326	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	1164589	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.66	79	173736	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.13	63	730512	49.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	284322	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	383245	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

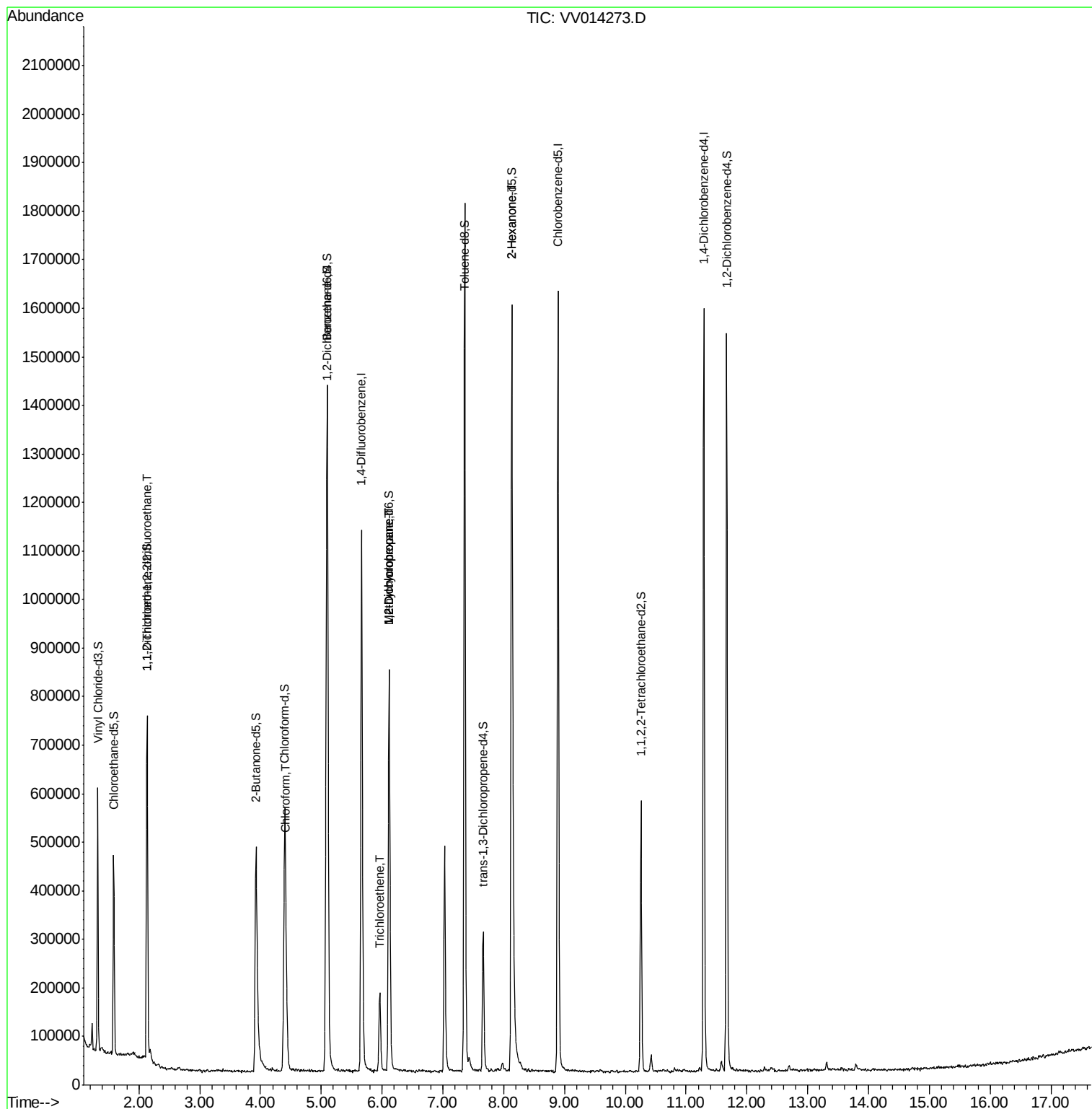
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4498	0.107	ug/L #	38
25) Chloroform	4.42	83	91166	0.769	ug/L	97
34) Trichloroethene	5.96	95	61832	0.914	ug/L	97
35) Methylcyclohexane	6.11	83	98503	0.890	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	42167	0.634	ug/L #	88
48) 2-Hexanone	8.13	43	91118	3.144	ug/L #	76

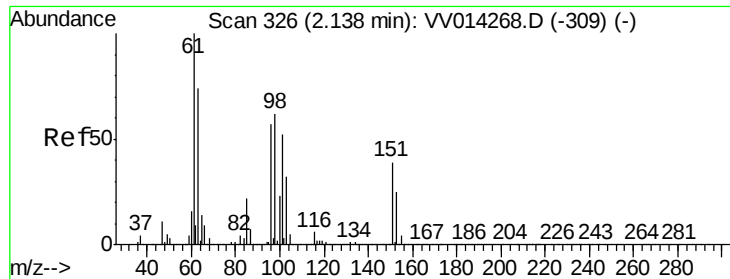
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.107 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

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Acq: 10 Jan 2020 16:47

Instrument :

MSVOA_V

ClientSampleId :

GASC4

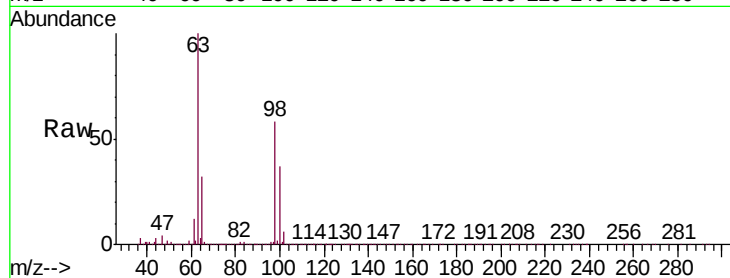
Tgt Ion:101 Resp: 4498

Ion Ratio Lower Upper

101 100

85 7.4 34.9 52.3#

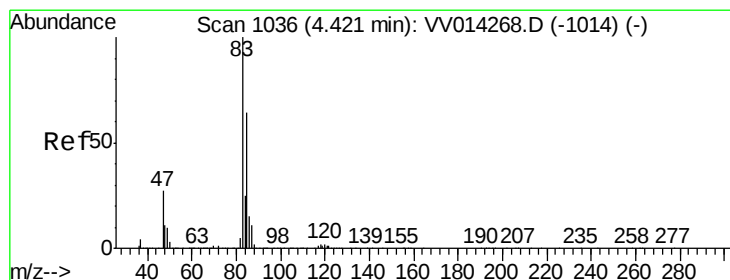
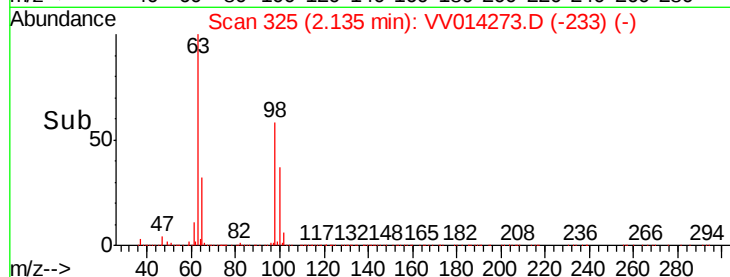
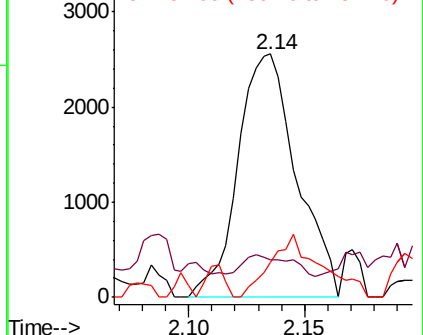
151 22.0 62.5 93.7#



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



#25

Chloroform

Concen: 0.769 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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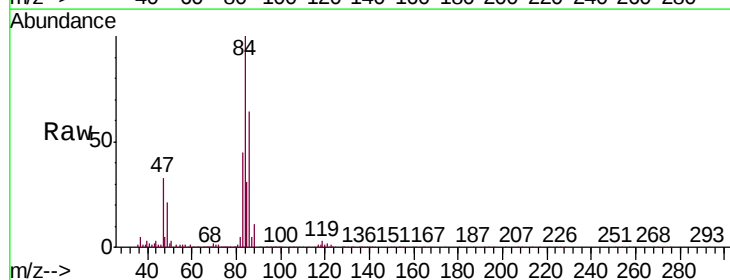
Acq: 10 Jan 2020 16:47

Tgt Ion: 83 Resp: 91166

Ion Ratio Lower Upper

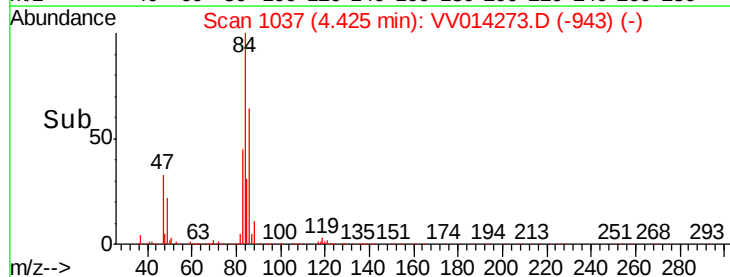
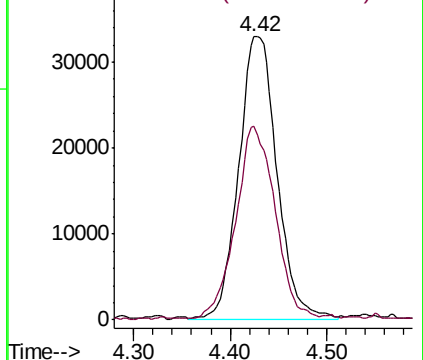
83 100

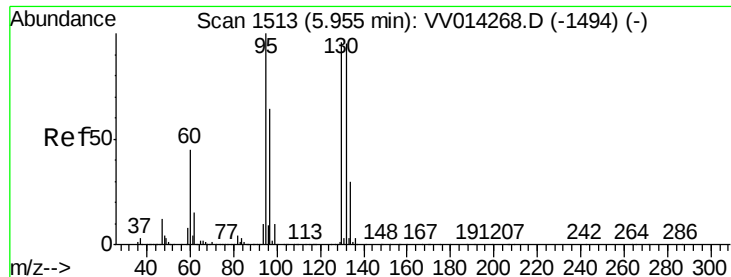
85 68.5 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.914 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV014273.D

Acq: 10 Jan 2020 16:47

Instrument :

MSVOA_V

ClientSampleId :

GASC4

Tgt Ion: 95 Resp: 61832

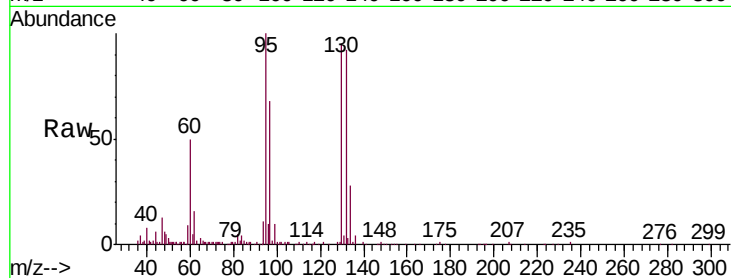
Ion Ratio Lower Upper

95 100

97 68.1 43.8 81.3

132 91.7 63.4 117.8

130 94.7 65.7 122.1

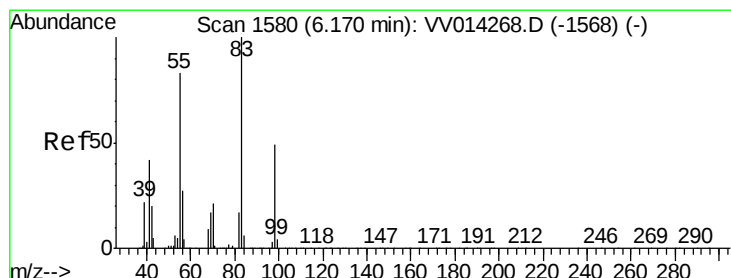
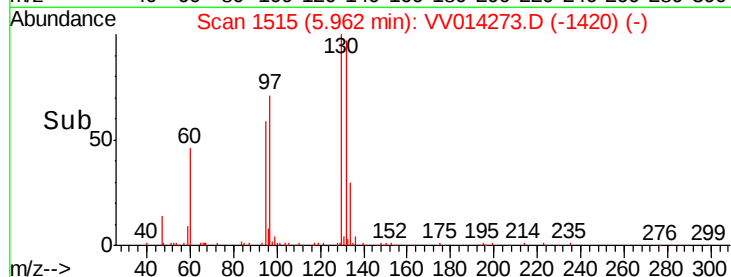
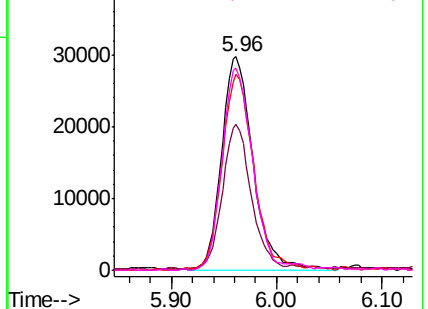


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.890 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014273.D

Acq: 10 Jan 2020 16:47

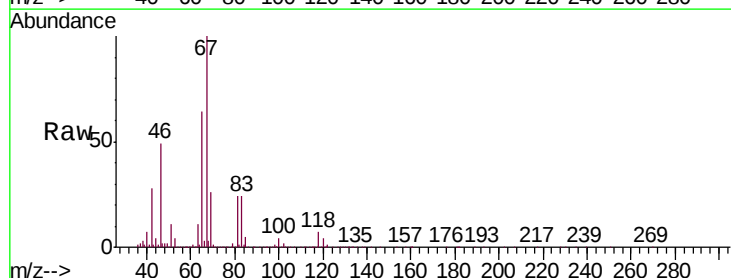
Tgt Ion: 83 Resp: 98503

Ion Ratio Lower Upper

83 100

55 0.3 61.7 92.5#

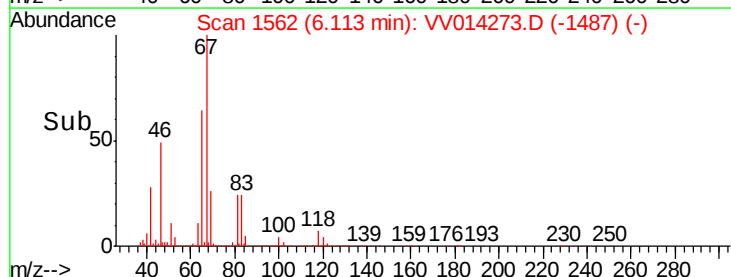
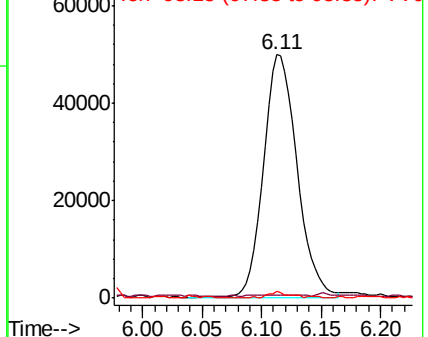
98 1.5 38.1 57.1#

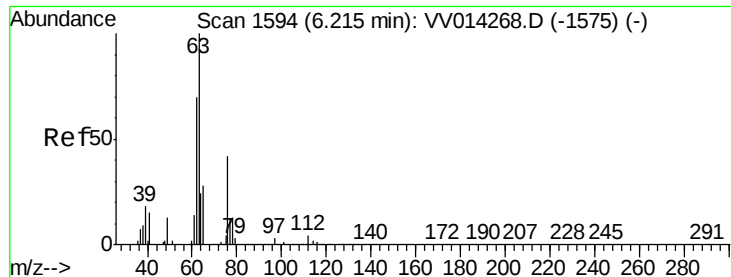


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

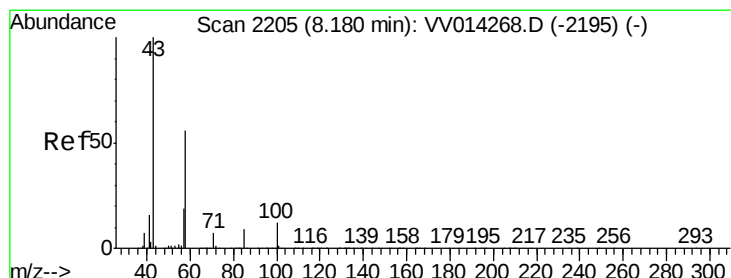
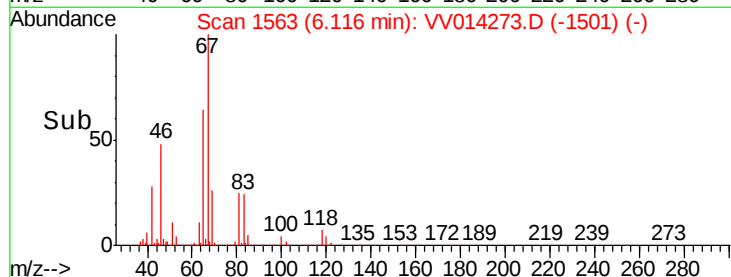
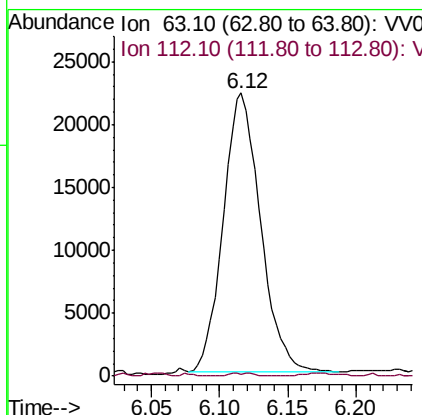
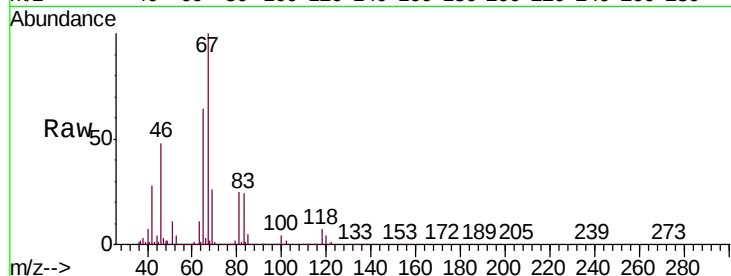




#37
 1,2-Dichloropropane
 Concen: 0.634 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014273.D
 Acq: 10 Jan 2020 16:47

Instrument :
 MSVOA_V
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 GASC4

Tgt Ion: 63 Resp: 42167
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.7 5.5#



#48
 2-Hexanone
 Concen: 3.144 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV014273.D
 Acq: 10 Jan 2020 16:47

Tgt Ion: 43 Resp: 91118
 Ion Ratio Lower Upper
 43 100
 58 34.5 45.4 68.0#
 57 18.8 15.8 23.8
 100 0.3 10.2 15.4#

