

Data File : VV010901.D
Acq On : 15 May 2019 15:24
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: May 16 07:29:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 07:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134836	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	132825	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58907	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32307	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.24%
7) Chloroethane-d5	1.57	69	25284	22.58	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.32%
10) 1,1-Dichloroethene-d2	2.12	63	49284	15.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.64%
20) 2-Butanone-d5	3.93	46	22897	42.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.74%
24) Chloroform-d	4.40	84	56757	14.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	58.32%
26) 1,2-Dichloroethane-d4	5.08	65	42007	18.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.92%
29) Benzene-d6	5.09	84	142729	19.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.64%
33) 1,2-Dichloropropane-d6	6.11	67	48702	20.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.04%
37) Toluene-d8	7.36	98	130571	18.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.92%
38) trans-1,3-Dichloropropene-	7.66	79	17371	16.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.92%
39) 2-Hexanone-d5	8.13	63	16753	37.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42067	19.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	51289	20.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.36%

Target Compounds

					Qvalue
6) Bromomethane	1.51	94	340	0.759 ug/L	62
8) Chloroethane	1.53	64	1816	1.820 ug/L #	57
13) Acetone	2.19	43	1119	2.033 ug/L	94
25) Chloroform	4.42	83	15943	4.101 ug/L	95
35) Trichloroethene	5.66	95	3826	1.907 ug/L #	5
36) Methylcyclohexane	6.11	83	10984	3.934 ug/L #	19
59) 1,2,3-Trichloropropane	11.29	75	7212	4.438 ug/L	92

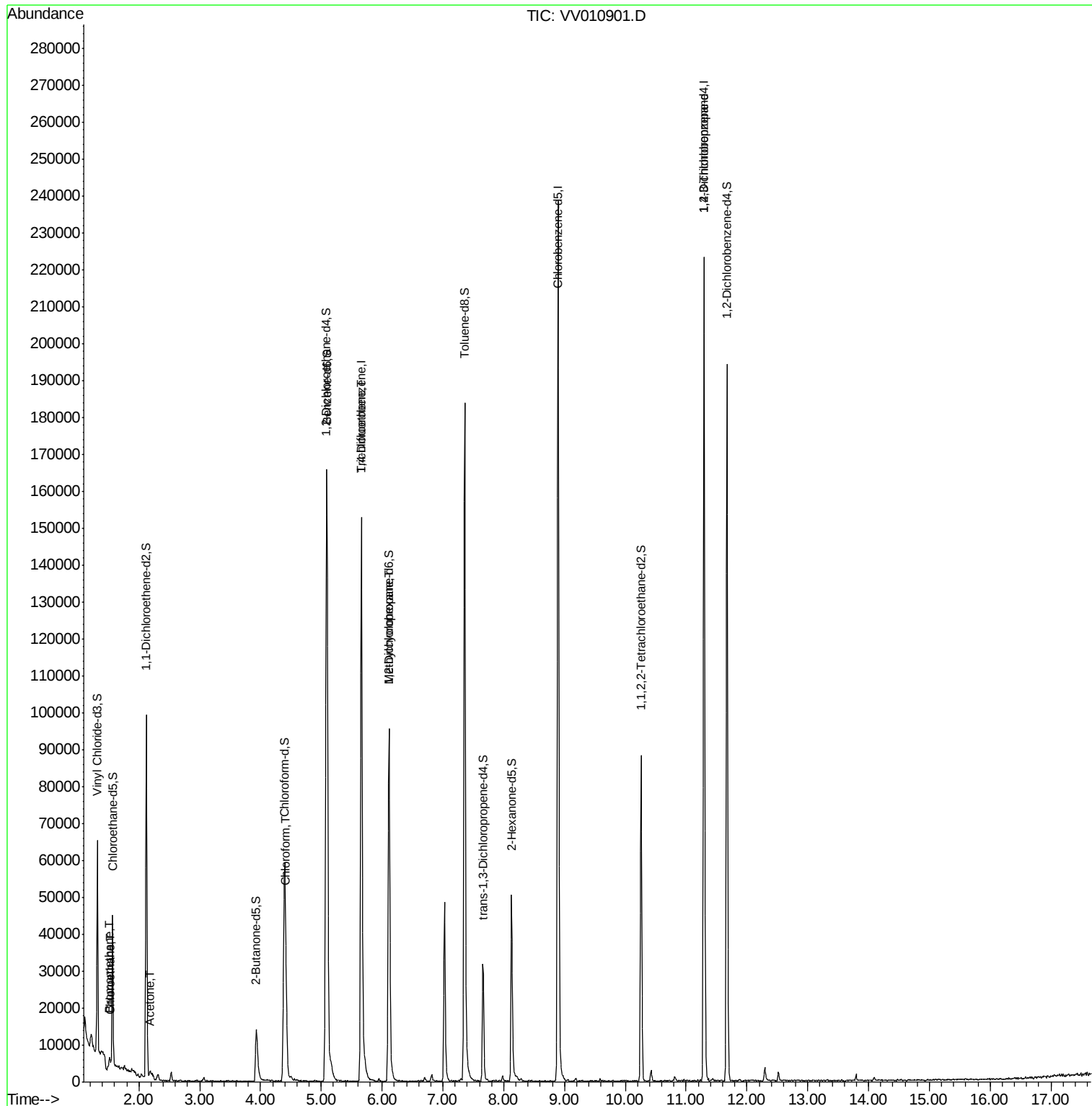
(#) = qualifier out of range (m) = manual integration (+) = signals summed

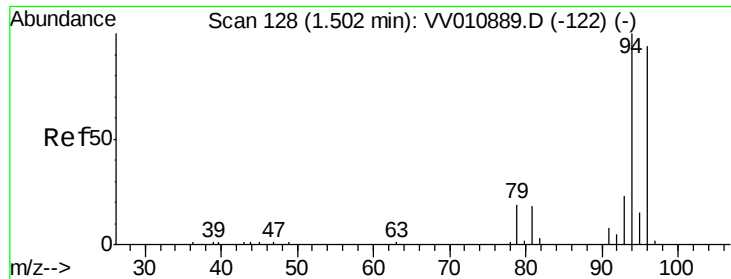
Data File : VV010901.D

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Instrument :
MSVOA_V
ClientSampleId :
VIBLK

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Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 07:25:32 2019
Response via : Initial Calibration

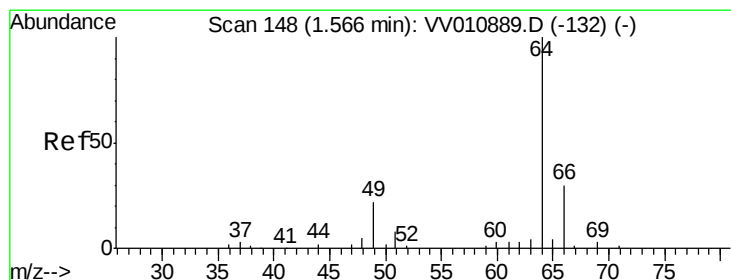
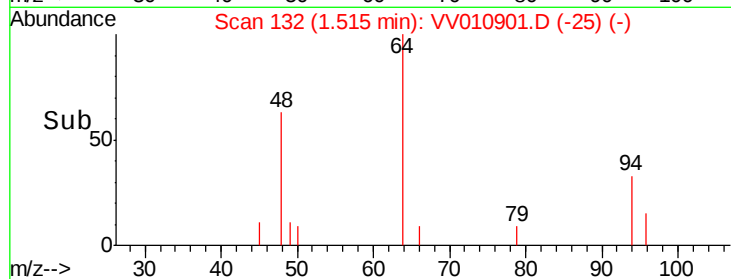
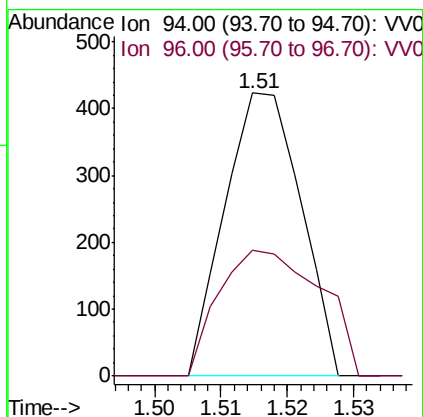
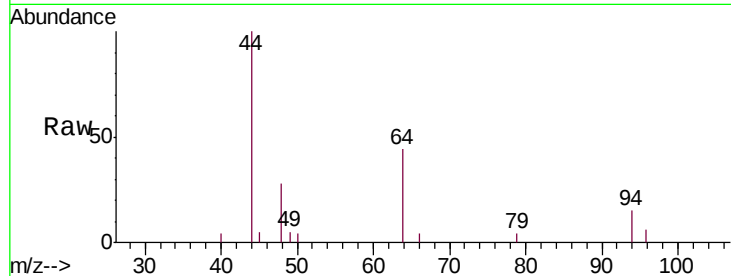




#6
Bromomethane
Concen: 0.759 ug/L
RT: 1.51 min Scan# 132
Delta R.T. 0.01 min
Lab File: VV010901.D
Acq: 15 May 2019 15:24

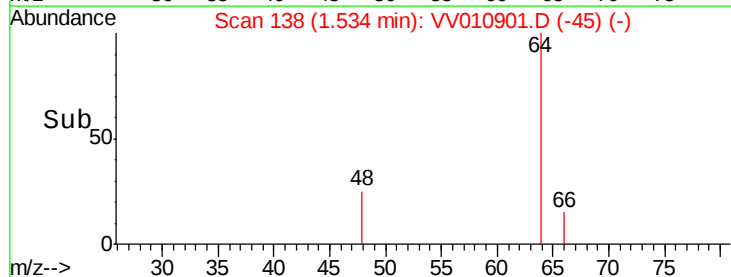
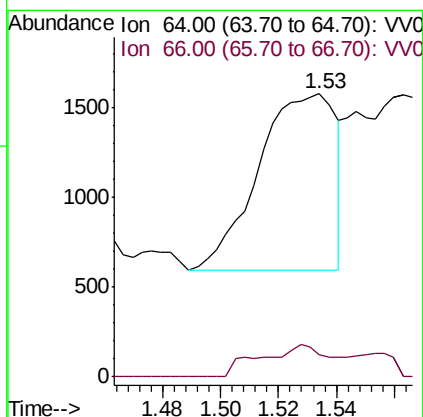
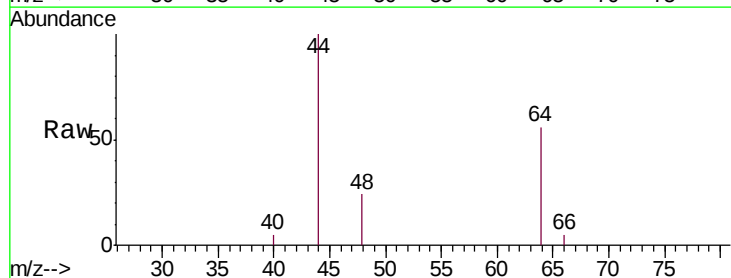
Instrument :
MSVOA_V
ClientSampled :
VIBLK

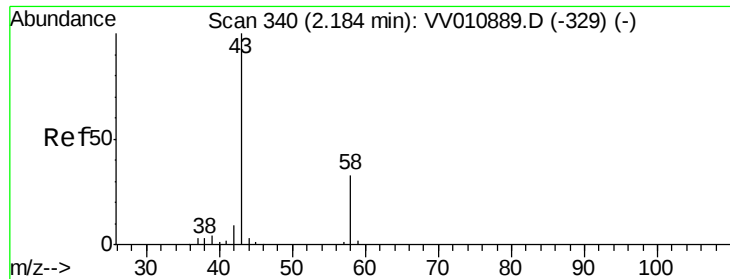
Tgt Ion: 94 Resp: 340
Ion Ratio Lower Upper
94 100
96 58.8 9.6 181.6



#8
Chloroethane
Concen: 1.820 ug/L
RT: 1.53 min Scan# 138
Delta R.T. -0.03 min
Lab File: VV010901.D
Acq: 15 May 2019 15:24

Tgt Ion: 64 Resp: 1816
Ion Ratio Lower Upper
64 100
66 8.1 22.5 41.9#





#13

Acetone

Concen: 2.033 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010901.D

Acq: 15 May 2019 15:24

Instrument :

MSVOA_V

ClientSampleId :

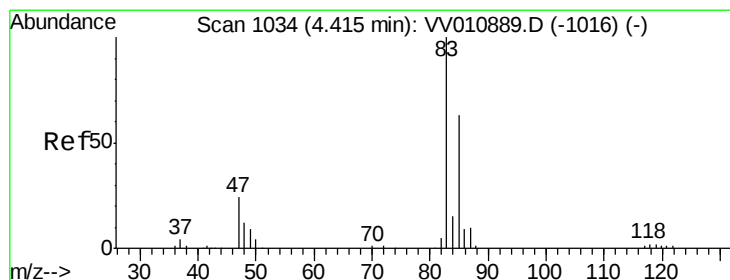
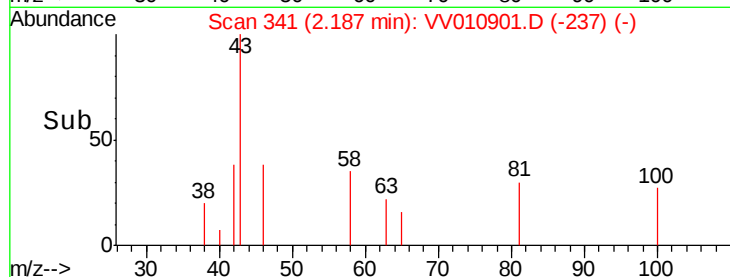
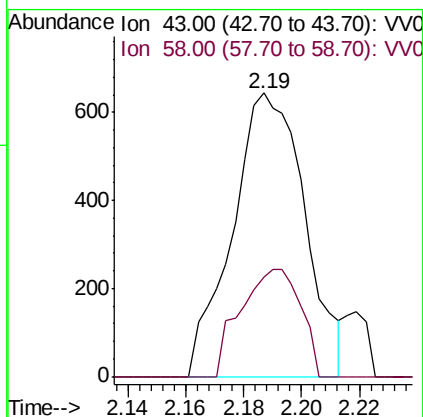
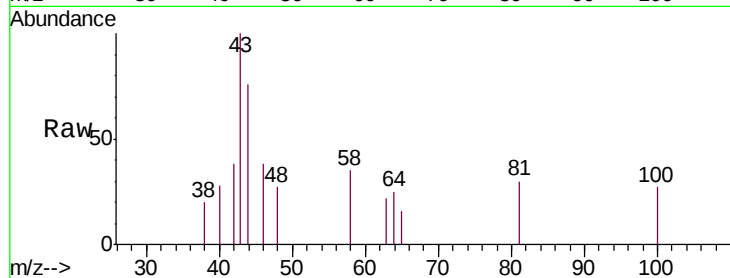
VIBLK

Tgt Ion: 43 Resp: 1119

Ion Ratio Lower Upper

43 100

58 31.3 0.0 69.2



#25

Chloroform

Concen: 4.101 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV010901.D

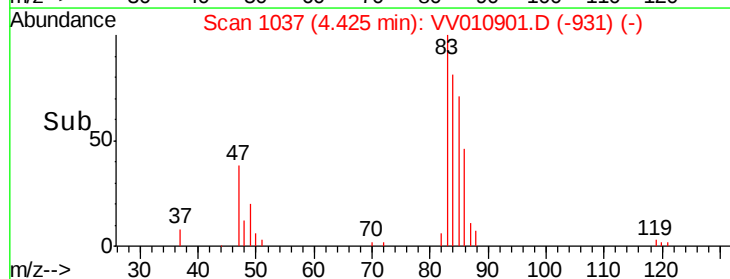
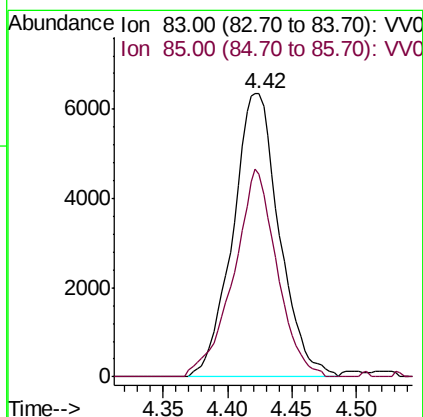
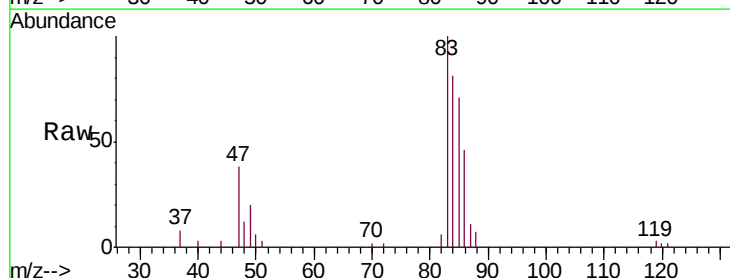
Acq: 15 May 2019 15:24

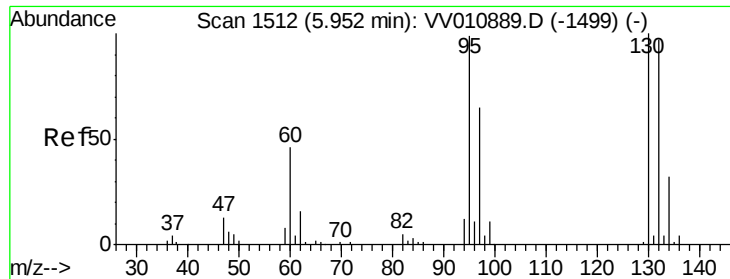
Tgt Ion: 83 Resp: 15943

Ion Ratio Lower Upper

83 100

85 68.3 45.3 84.1





#35

Trichloroethene

Concen: 1.907 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.29 min

Lab File: VV010901.D

Acq: 15 May 2019 15:24

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion: 95 Resp: 3826

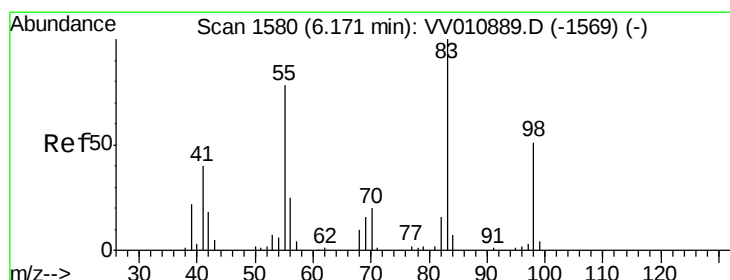
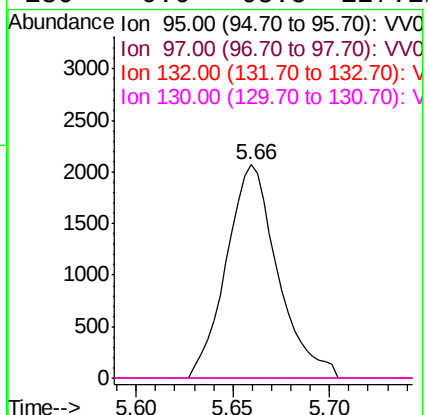
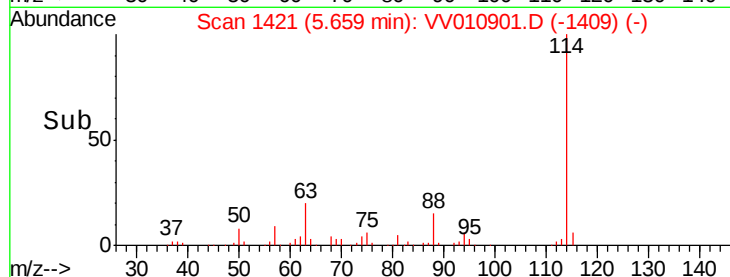
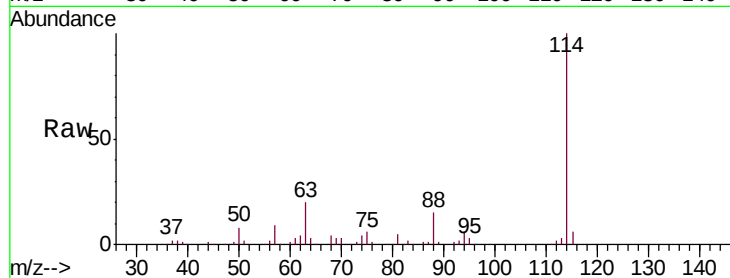
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 67.4 125.2#

130 0.0 68.5 127.1#



#36

Methylcyclohexane

Concen: 3.934 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV010901.D

Acq: 15 May 2019 15:24

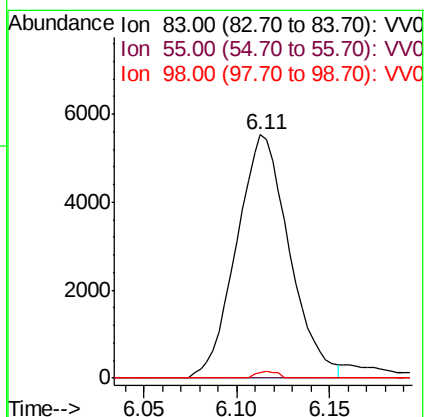
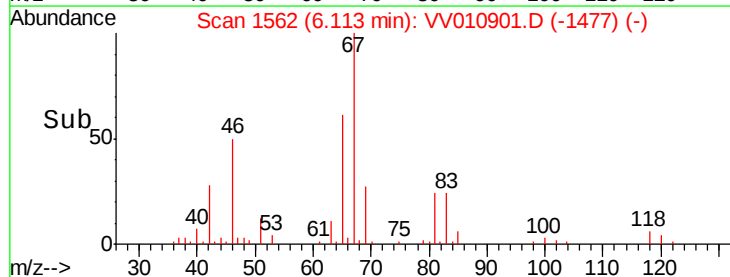
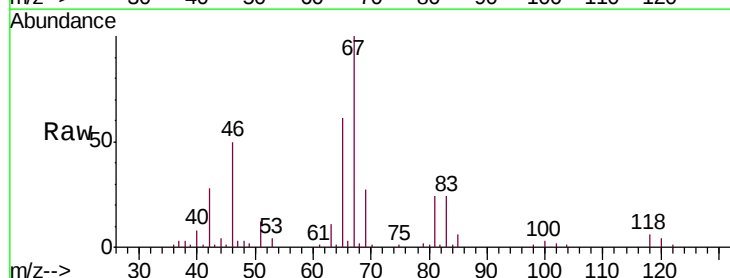
Tgt Ion: 83 Resp: 10984

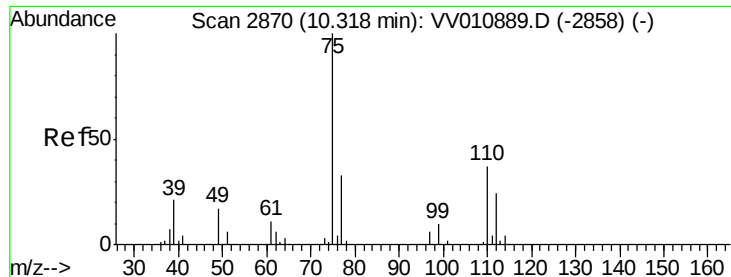
Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

98 1.1 37.2 55.8#





#59

1,2,3-Trichloropropane

Concen: 4.438 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010901.D

Acq: 15 May 2019 15:24

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion: 75 Resp: 7212

Ion Ratio Lower Upper

75 100

77 37.2 26.4 39.6

