

Data File : VV013026.D
Acq On : 02 Oct 2019 10:55
Operator : SY/MD
Sample : VV1002SBL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK70

Quant Time: Oct 03 03:58:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 03 03:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	717786	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	725261	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	355786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	232151	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
7) Chloroethane-d5	1.58	69	204179	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.84%
11) 1,1-Dichloroethene-d2	2.13	63	316391	17.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.56%
21) 2-Butanone-d5	3.95	46	184127	50.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.56%
24) Chloroform-d	4.40	84	456928	23.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	5.08	65	275397	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.16%
32) Benzene-d6	5.10	84	945813	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
36) 1,2-Dichloropropane-d6	6.12	67	301940	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.32%
41) Toluene-d8	7.36	98	851742	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.24%
43) trans-1,3-Dichloropropene-	7.66	79	122479	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.08%
47) 2-Hexanone-d5	8.14	63	130292	49.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.56%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	278750	23.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.04%
66) 1,2-Dichlorobenzene-d4	11.67	152	356781	26.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.04%

Target Compounds

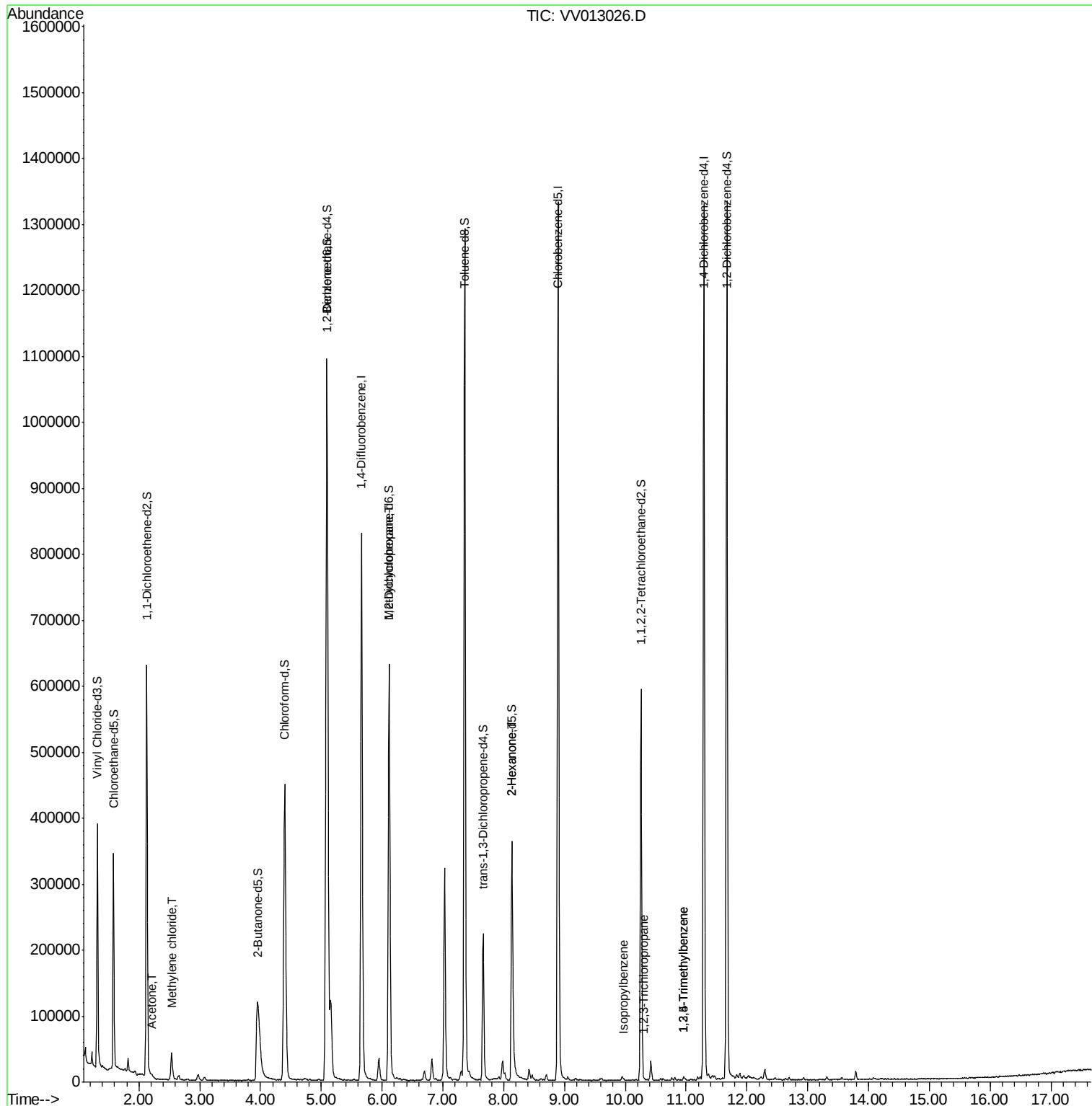
					Qvalue
13) Acetone	2.21	43	7782	2.036 ug/L	99
16) Methylene chloride	2.54	84	15618	1.329 ug/L	94
35) Methylcyclohexane	6.12	83	72400	4.106 ug/L #	19
48) 2-Hexanone	8.14	43	16078	2.597 ug/L #	70
60) Isopropylbenzene	9.98	105	1075	0.025 ug/L #	81
61) 1,2,3-Trichloropropane	10.32	75	212	0.026 ug/L #	60
62) 1,3,5-Trimethylbenzene	10.96	105	1887	0.055 ug/L	89
63) 1,2,4-Trimethylbenzene	10.96	105	1887	0.054 ug/L	95

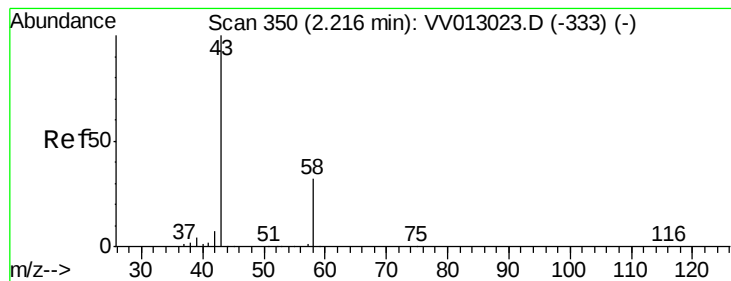
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 03 03:55:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.036 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

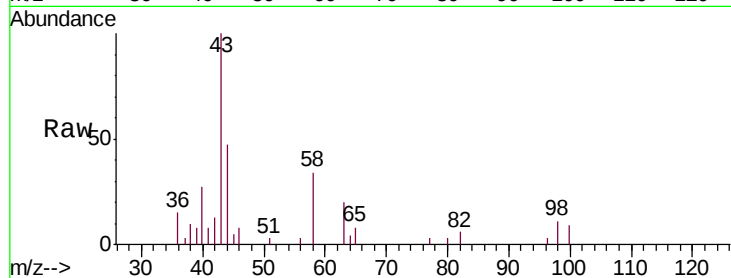
VBLK70

Tgt Ion: 43 Resp: 7782

Ion Ratio Lower Upper

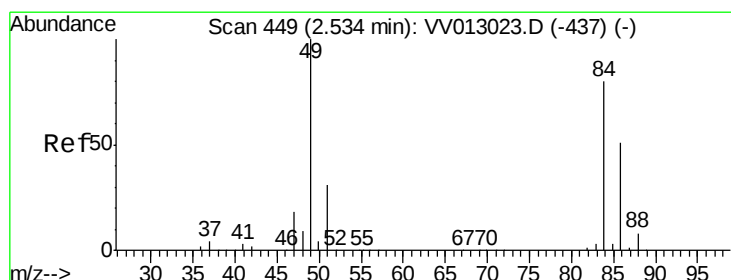
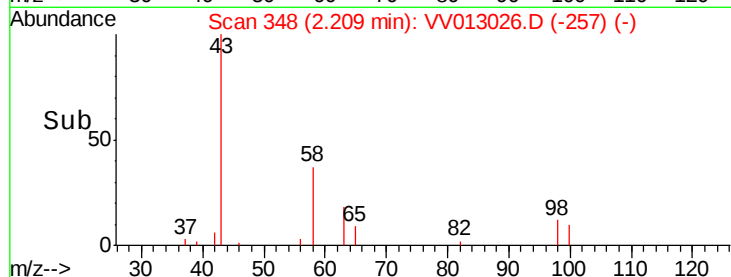
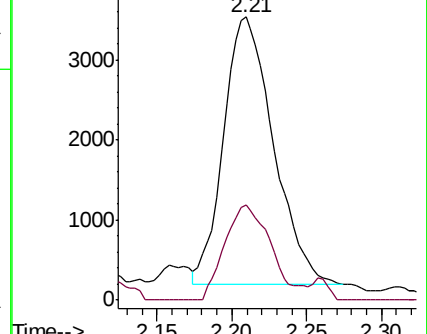
43 100

58 32.1 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV013023.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV013023.D (-333) (-)



#16

Methylene chloride

Concen: 1.329 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV013026.D

Acq: 02 Oct 2019 10:55

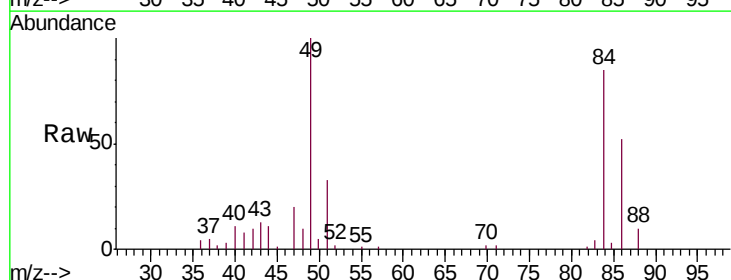
Tgt Ion: 84 Resp: 15618

Ion Ratio Lower Upper

84 100

86 61.2 44.5 82.7

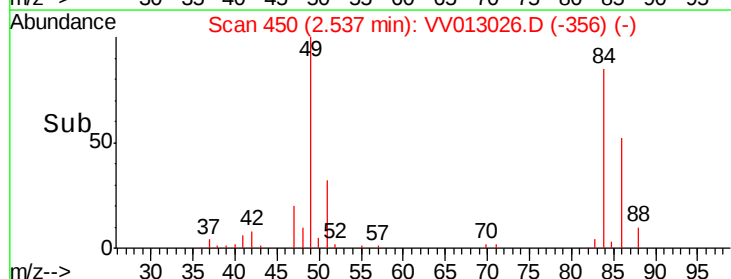
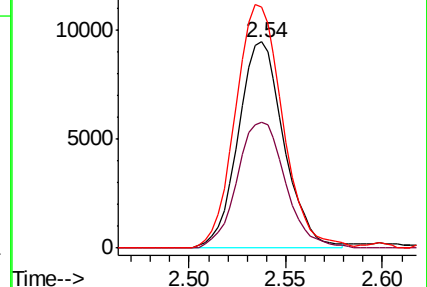
49 117.1 87.5 162.5

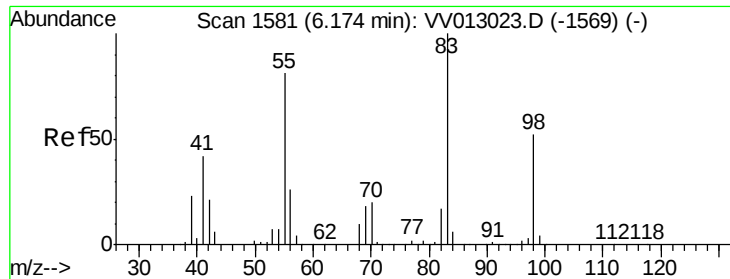


Abundance Ion 84.00 (83.70 to 84.70): VV013023.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV013023.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV013023.D (-437) (-)

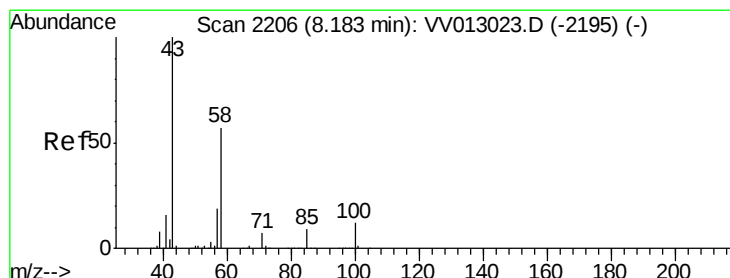
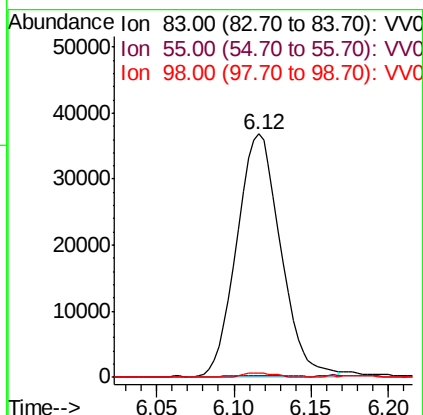
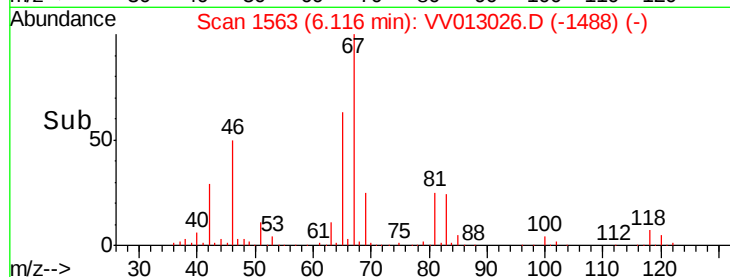
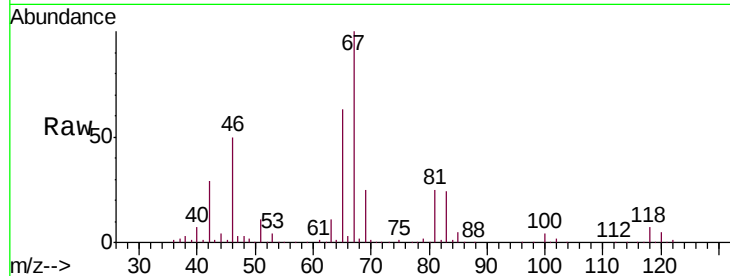




#35
Methylcyclohexane
Concen: 4.106 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013026.D
Acq: 02 Oct 2019 10:55

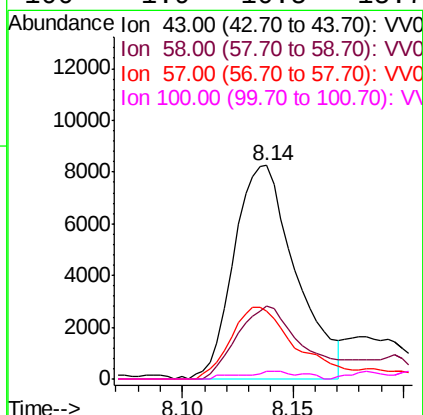
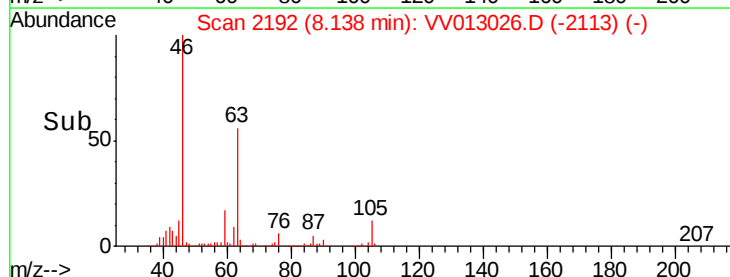
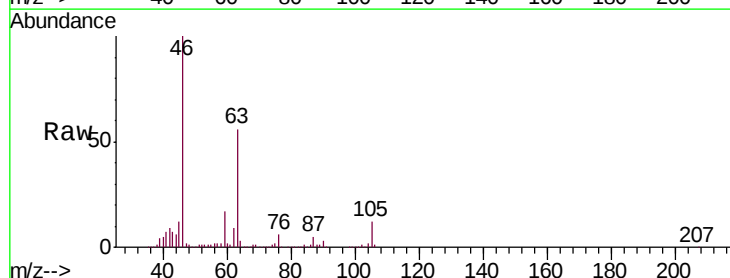
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MSVOA_V
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VBLK70

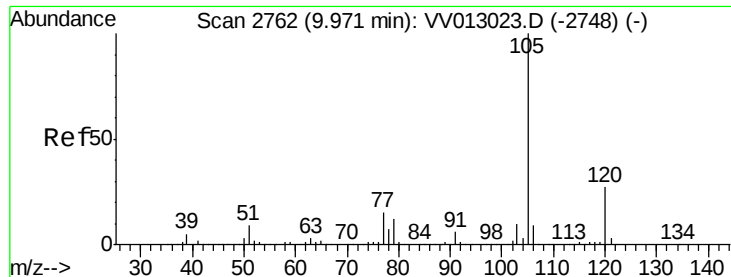
Tgt Ion: 83 Resp: 72400
Ion Ratio Lower Upper
83 100
55 0.7 61.9 92.9#
98 1.8 40.0 60.0#



#48
2-Hexanone
Concen: 2.597 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV013026.D
Acq: 02 Oct 2019 10:55

Tgt Ion: 43 Resp: 16078
Ion Ratio Lower Upper
43 100
58 35.7 44.9 67.3#
57 35.2 15.2 22.8#
100 1.9 10.5 15.7#





#60

Isopropylbenzene

Concen: 0.025 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.01 min

Lab File: VV013026.D

Acq: 02 Oct 2019 10:55

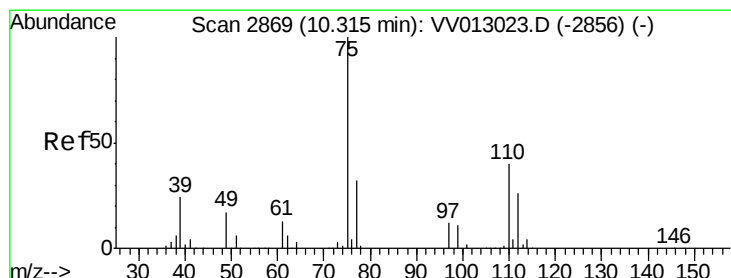
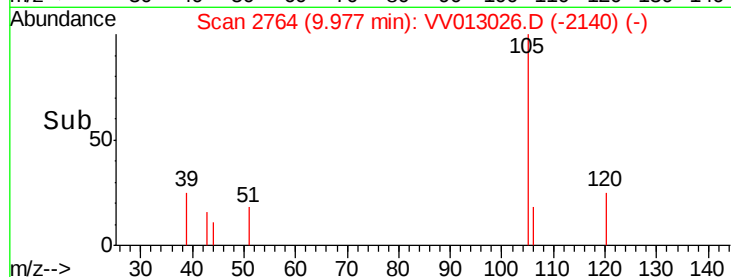
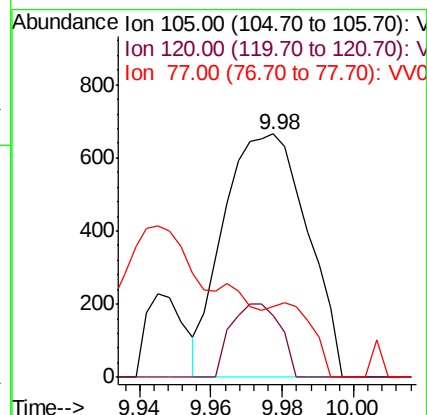
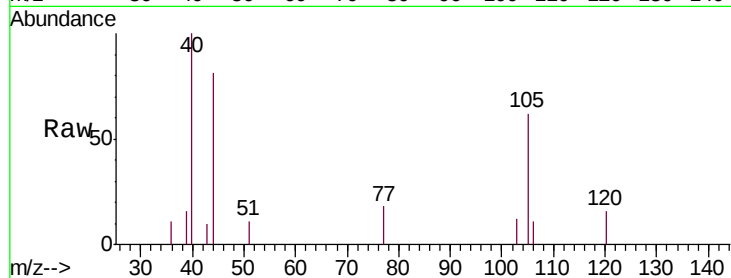
Instrument :

MSVOA_V

ClientSampleId :

VBLK70

Tgt Ion:	105	Resp:	1075
Ion	Ratio	Lower	Upper
105	100		
120	17.8	21.1	31.7#
77	6.0	12.3	18.5#



#61

1,2,3-Trichloropropane

Concen: 0.026 ug/L

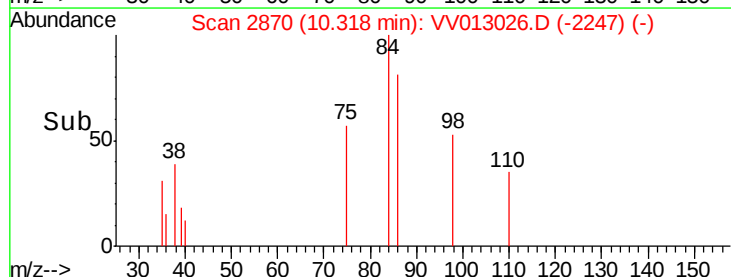
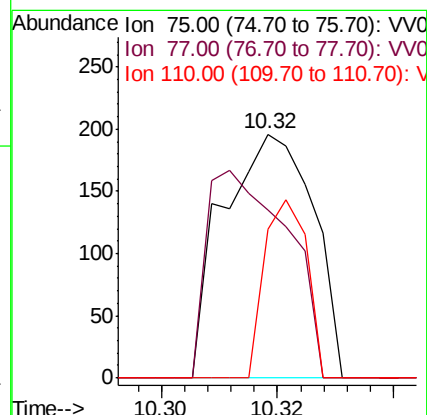
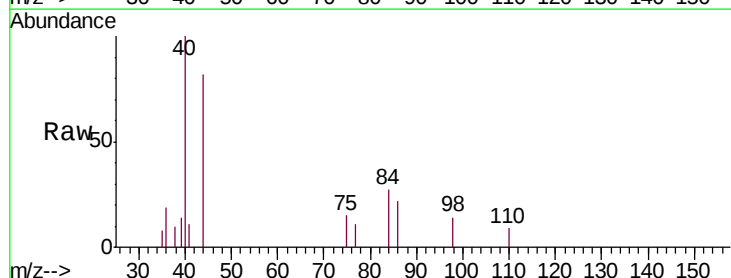
RT: 10.32 min Scan# 2870

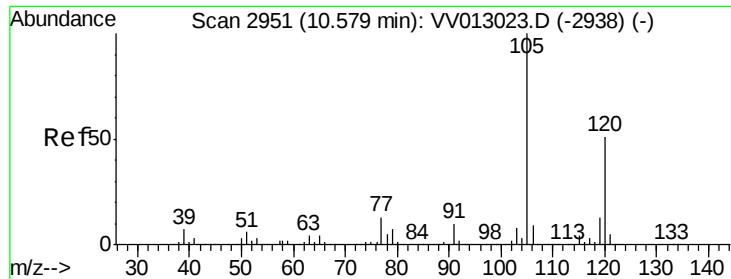
Delta R.T. 0.00 min

Lab File: VV013026.D

Acq: 02 Oct 2019 10:55

Tgt Ion:	75	Resp:	212
Ion	Ratio	Lower	Upper
75	100		
77	75.9	25.4	38.2#
110	34.4	31.7	47.5





#62

1,3,5-Trimethylbenzene

Concen: 0.055 ug/L

RT: 10.96 min Scan# 3069

Delta R.T. 0.38 min

Lab File: VV013026.D

Acq: 02 Oct 2019 10:55

Instrument :

MSVOA_V

ClientSampleId :

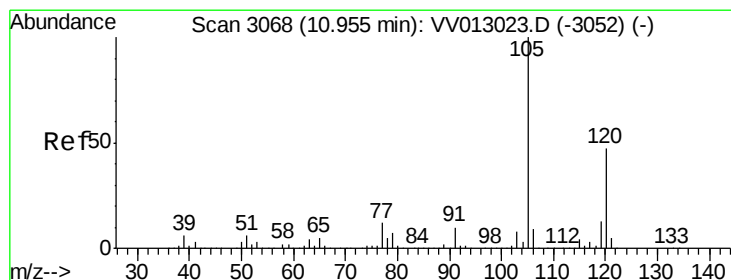
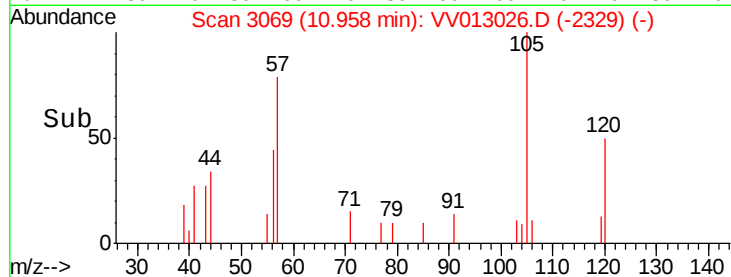
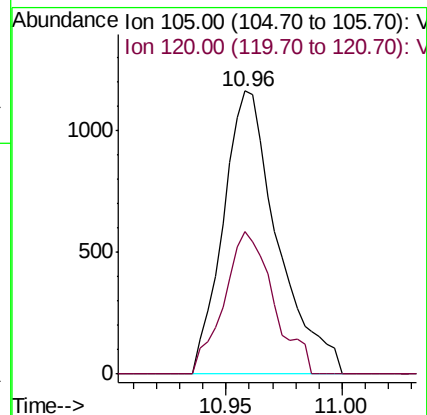
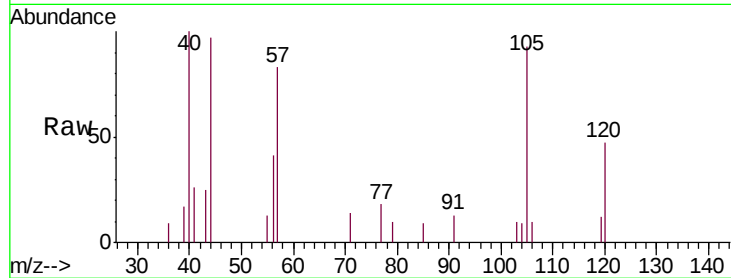
VBLK70

Tgt Ion:105 Resp: 1887

Ion Ratio Lower Upper

105 100

120 43.2 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 0.054 ug/L

RT: 10.96 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VV013026.D

Acq: 02 Oct 2019 10:55

Tgt Ion:105 Resp: 1887

Ion Ratio Lower Upper

105 100

120 43.2 37.1 55.7

