

Data File : VV013017.D
Acq On : 30 Sep 2019 15:14
Operator : SY/MD
Sample : VV0930SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Quant Time: Oct 01 05:20:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 30 15:00:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	836477	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	817906	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	401704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	273854	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
7) Chloroethane-d5	1.58	69	232903	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.84%
11) 1,1-Dichloroethene-d2	2.13	63	365552	17.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.96%
21) 2-Butanone-d5	3.95	46	183656	43.47	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.94%
24) Chloroform-d	4.40	84	496841	22.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.08	65	286063	22.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.28%
32) Benzene-d6	5.10	84	1052632	23.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.32%
36) 1,2-Dichloropropane-d6	6.12	67	324730	22.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.84%
41) Toluene-d8	7.36	98	961742	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	7.66	79	132677	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.40%
47) 2-Hexanone-d5	8.13	63	123180	41.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.62%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	276938	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.76%
66) 1,2-Dichlorobenzene-d4	11.67	152	378621	24.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.76%

Target Compounds

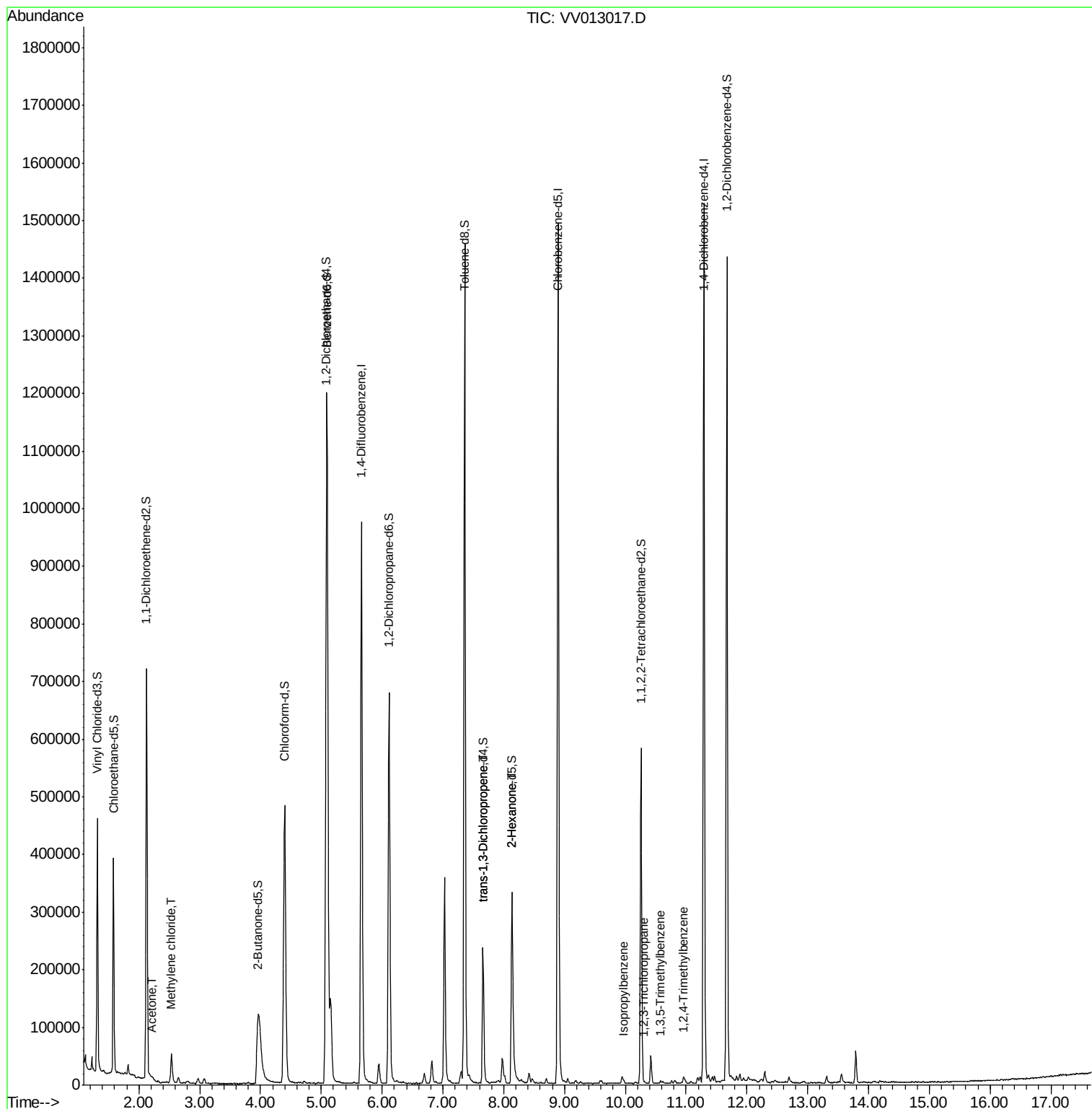
					Qvalue
13) Acetone	2.22	43	9575	2.150 ug/L	94
16) Methylene chloride	2.53	84	19626	1.433 ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	5566	0.375 ug/L #	82
48) 2-Hexanone	8.13	43	14777	2.116 ug/L #	57
60) Isopropylbenzene	9.98	105	3313	0.068 ug/L #	90
61) 1,2,3-Trichloropropane	10.31	75	962	0.105 ug/L #	79
62) 1,3,5-Trimethylbenzene	10.58	105	2548	0.065 ug/L	92
63) 1,2,4-Trimethylbenzene	10.96	105	3630	0.093 ug/L	88

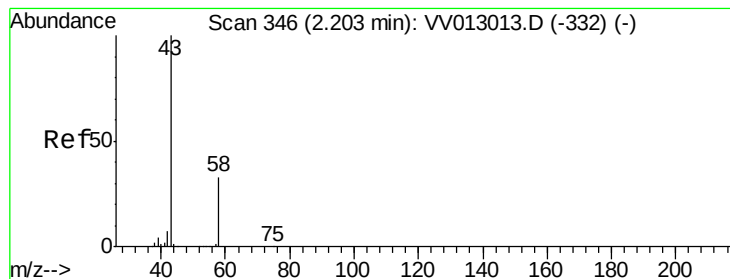
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Sep 30 15:00:00 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.150 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.02 min

Lab File: VV013017.D

Acq: 30 Sep 2019 15:14

Instrument :

MSVOA_V

ClientSampleId :

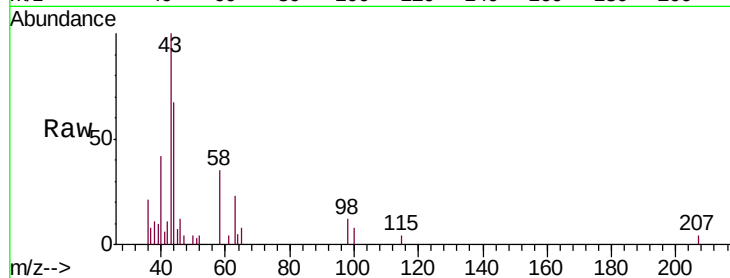
VBLK66

Tgt Ion: 43 Resp: 9575

Ion Ratio Lower Upper

43 100

58 36.1 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV013017.D (-352) (-)

Ion 58.00 (57.70 to 58.70): VV013017.D (-352) (-)

2.22

3000

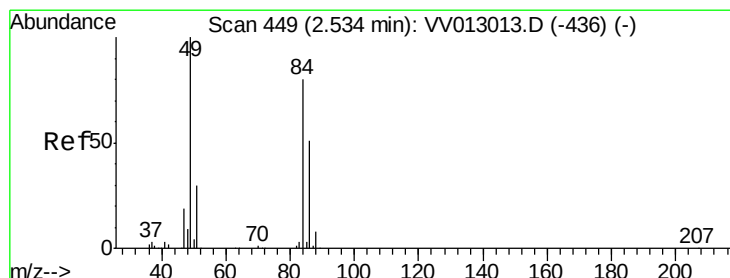
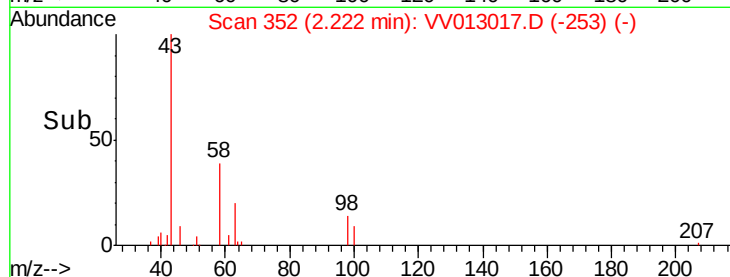
2000

1000

0

Time-->

2.15 2.20 2.25 2.30 2.35



#16

Methylene chloride

Concen: 1.433 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV013017.D

Acq: 30 Sep 2019 15:14

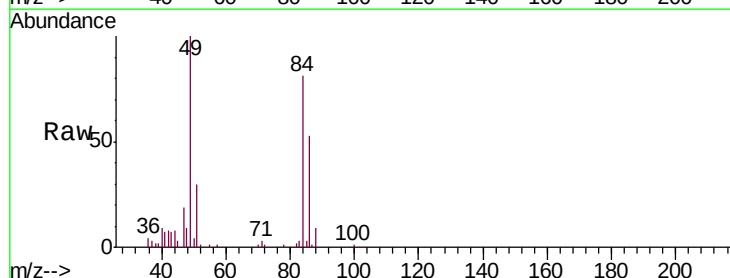
Tgt Ion: 84 Resp: 19626

Ion Ratio Lower Upper

84 100

86 65.2 44.5 82.7

49 122.9 87.5 162.5



Abundance Ion 84.00 (83.70 to 84.70): VV013017.D (-356) (-)

Ion 86.00 (85.70 to 86.70): VV013017.D (-356) (-)

Ion 49.00 (48.70 to 49.70): VV013017.D (-356) (-)

2.53

15000

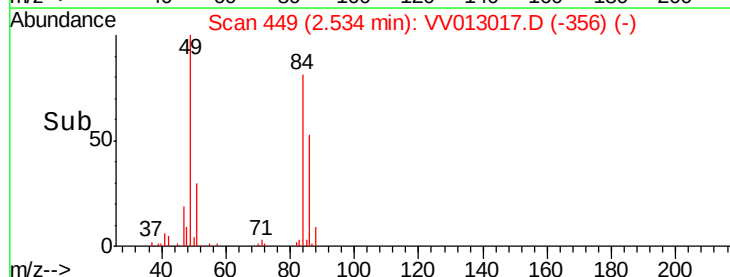
10000

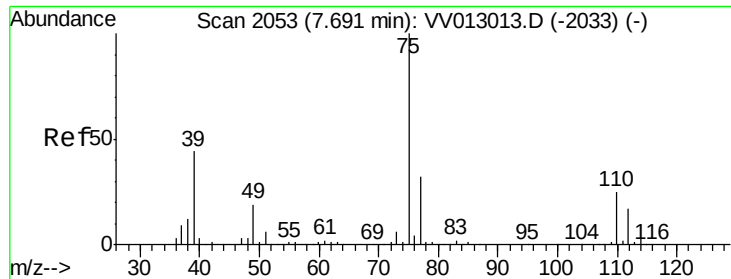
5000

0

Time-->

2.50 2.55 2.60

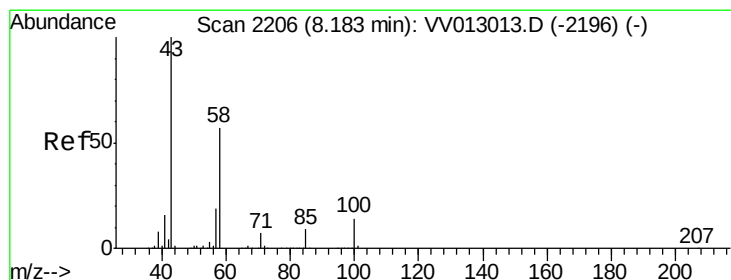
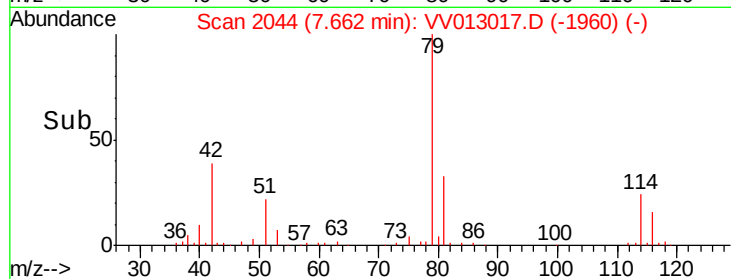
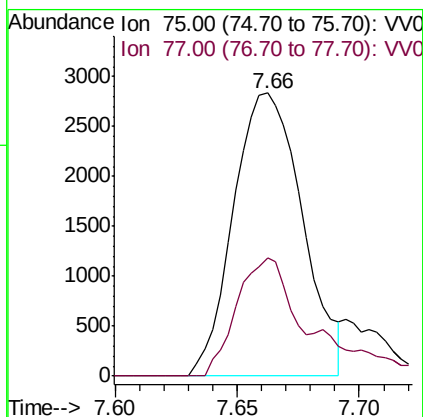
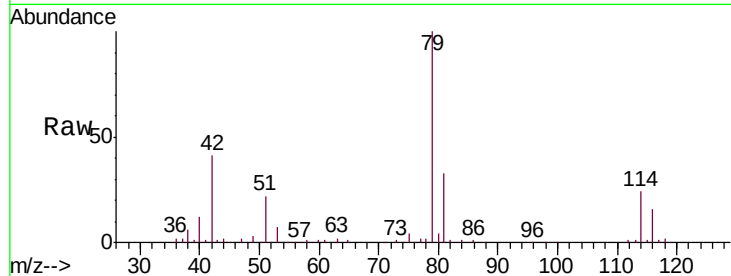




#44
trans-1,3-Dichloropropene
Concen: 0.375 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV013017.D
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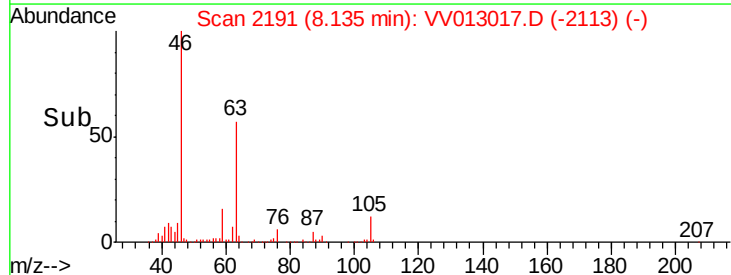
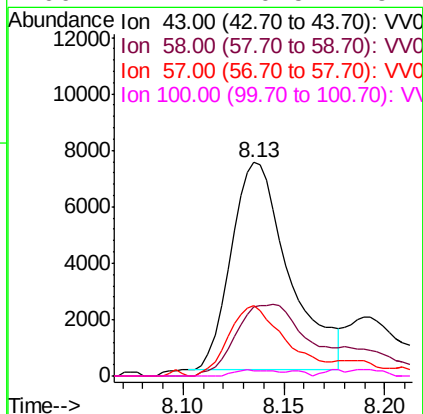
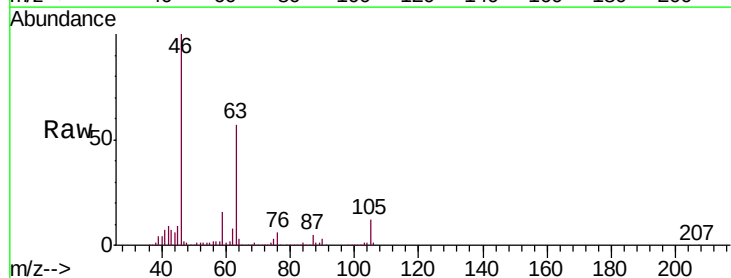
Instrument :
MSVOA_V
ClientSampleId :
VBLK66

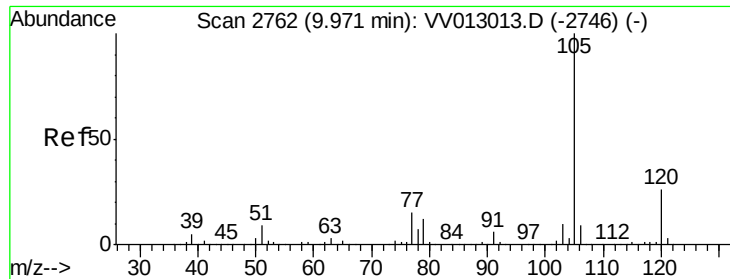
Tgt Ion: 75 Resp: 5566
Ion Ratio Lower Upper
75 100
77 41.6 22.1 41.1#



#48
2-Hexanone
Concen: 2.116 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013017.D
Acq: 30 Sep 2019 15:14

Tgt Ion: 43 Resp: 14777
Ion Ratio Lower Upper
43 100
58 19.7 44.9 67.3#
57 33.3 15.2 22.8#
100 1.1 10.5 15.7#





#60

Isopropylbenzene

Concen: 0.068 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.01 min

Lab File: VV013017.D

Acq: 30 Sep 2019 15:14

Instrument :

MSVOA_V

ClientSampleId :

VBLK66

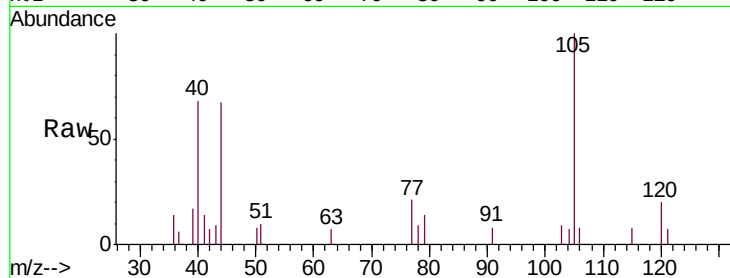
Tgt Ion: 105 Resp: 3313

Ion Ratio Lower Upper

105 100

120 19.2 21.1 31.7#

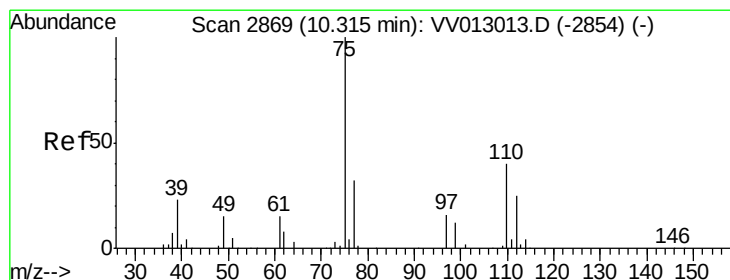
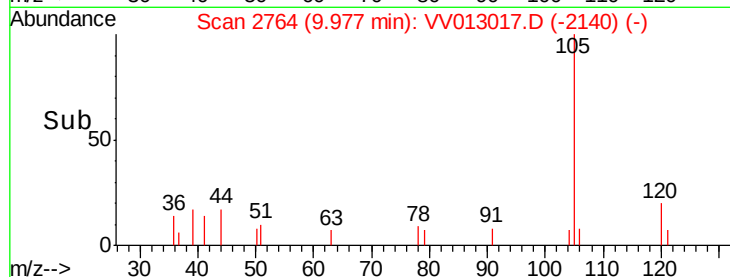
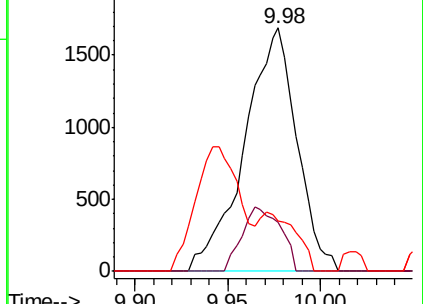
77 16.4 12.3 18.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 0.105 ug/L

RT: 10.31 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VV013017.D

Acq: 30 Sep 2019 15:14

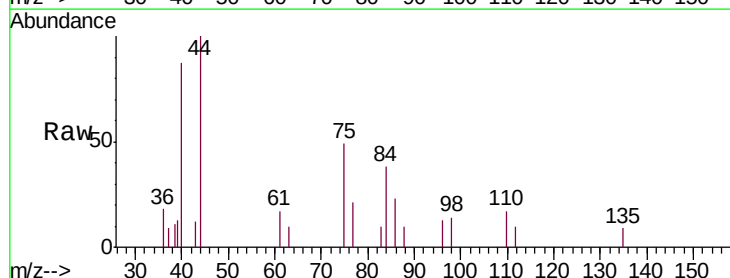
Tgt Ion: 75 Resp: 962

Ion Ratio Lower Upper

75 100

77 40.3 25.4 38.2#

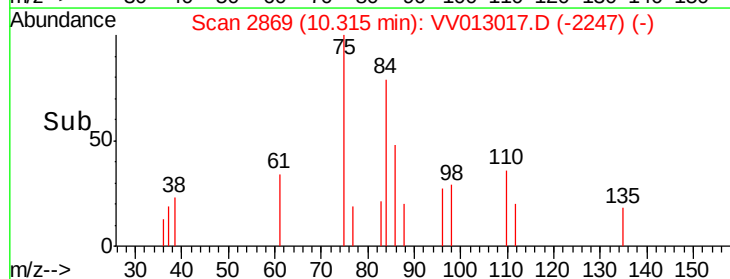
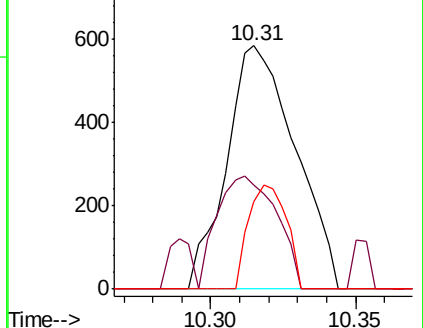
110 23.6 31.7 47.5#

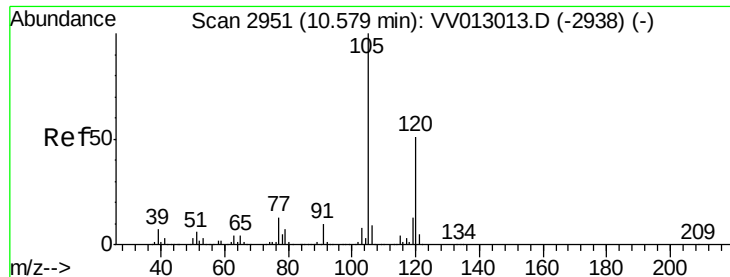


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Ion 110.00 (109.70 to 110.70): V

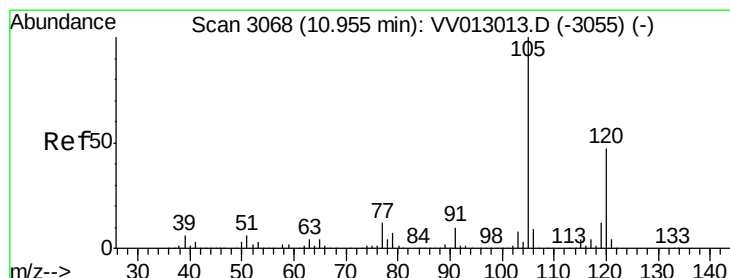
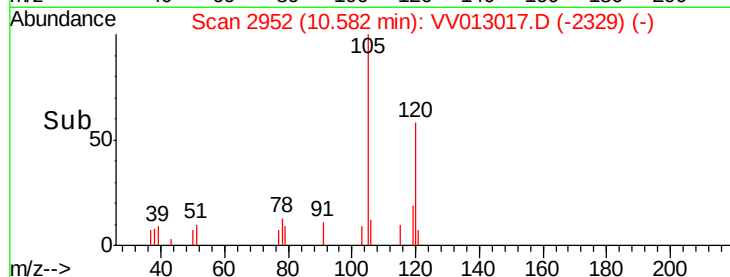
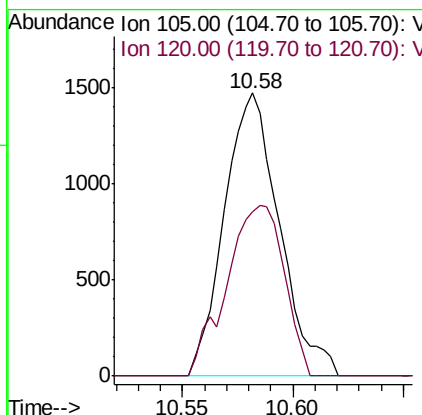
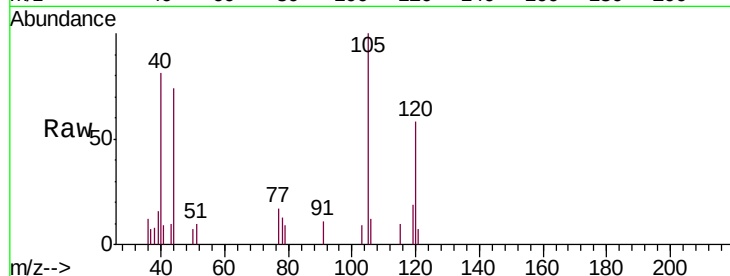




#62
 1,3,5-Trimethylbenzene
 Concen: 0.065 ug/L
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: VV013017.D
 Acq: 30 Sep 2019 15:14

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

Tgt Ion:105 Resp: 2548
 Ion Ratio Lower Upper
 105 100
 120 56.2 40.6 61.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.093 ug/L
 RT: 10.96 min Scan# 3070
 Delta R.T. 0.01 min
 Lab File: VV013017.D
 Acq: 30 Sep 2019 15:14

Tgt Ion:105 Resp: 3630
 Ion Ratio Lower Upper
 105 100
 120 38.8 37.1 55.7

