

Data File : VV014532.D
Acq On : 07 Feb 2020 12:33
Operator : SY/MD
Sample : VV0208MBL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK204

Quant Time: Feb 08 00:05:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	340505	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	322002	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	160266	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81449	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.22%
7) Chloroethane-d5	1.58	69	58424	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.82%
11) 1,1-Dichloroethene-d2	2.13	63	99145	35.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.72%
21) 2-Butanone-d5	3.92	46	153546	107.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.72%
24) Chloroform-d	4.40	84	205077	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	5.08	65	134931	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
32) Benzene-d6	5.10	84	443319	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
36) 1,2-Dichloropropane-d6	6.11	67	138359	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.22%
41) Toluene-d8	7.36	98	416876	50.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.56%
43) trans-1,3-Dichloropropene-	7.66	79	72564	49.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.00%
47) 2-Hexanone-d5	8.13	63	128149	110.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.17%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	185501	52.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.50%
66) 1,2-Dichlorobenzene-d4	11.67	152	159530	51.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

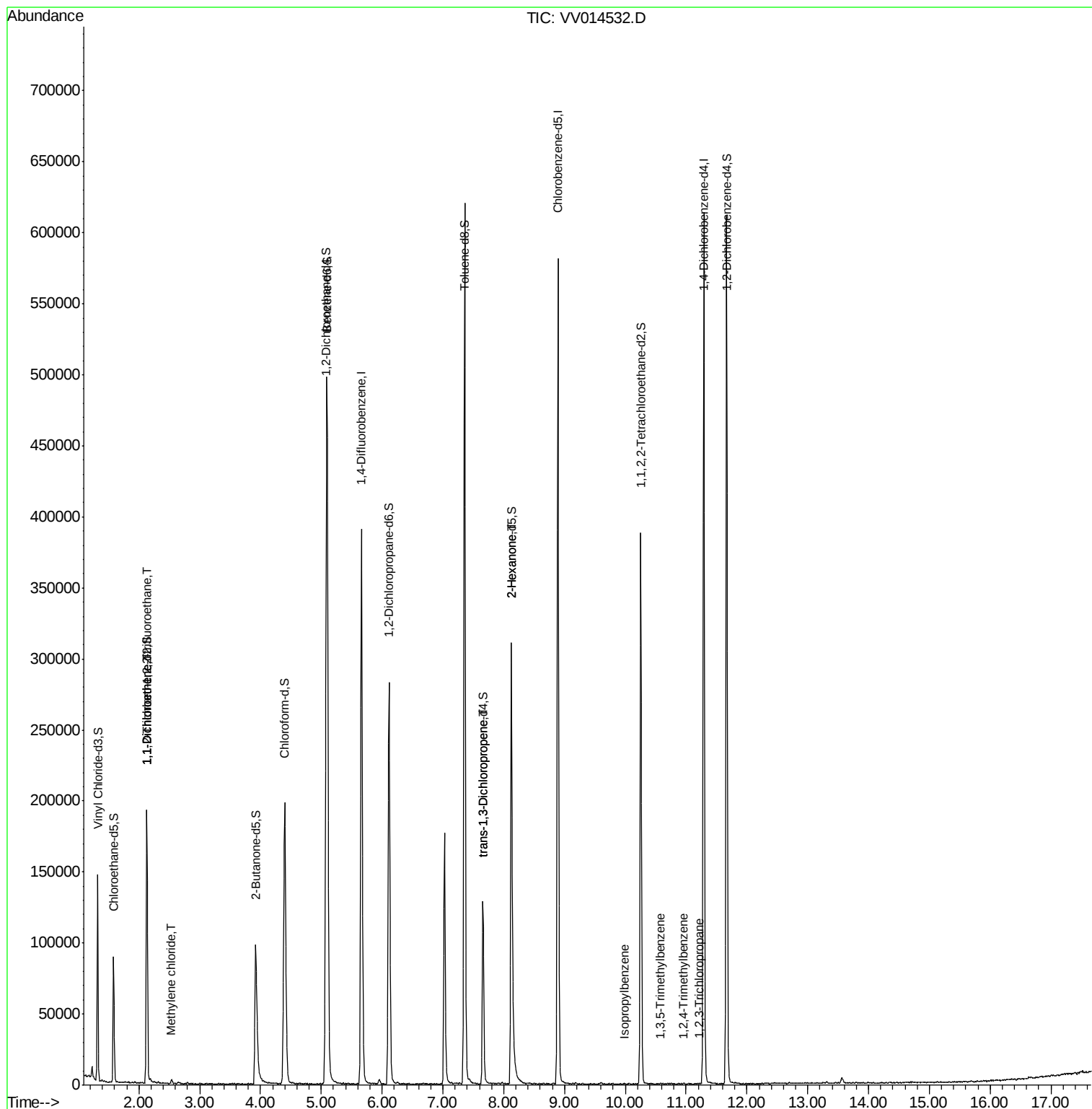
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1065	0.778	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	933	0.713	ug/L #	1
16) Methylene chloride	2.54	84	1207	0.486	ug/L	90
44) trans-1,3-Dichloropropene	7.66	75	3101	0.860	ug/L	89
48) 2-Hexanone	8.13	43	15031	6.266	ug/L #	67
60) Isopropylbenzene	9.97	105	380	0.035	ug/L #	71
61) 1,2,3-Trichloropropane	11.22	75	61	0.021	ug/L #	38
62) 1,3,5-Trimethylbenzene	10.59	105	166	0.018	ug/L #	38
63) 1,2,4-Trimethylbenzene	10.96	105	476	0.052	ug/L #	61

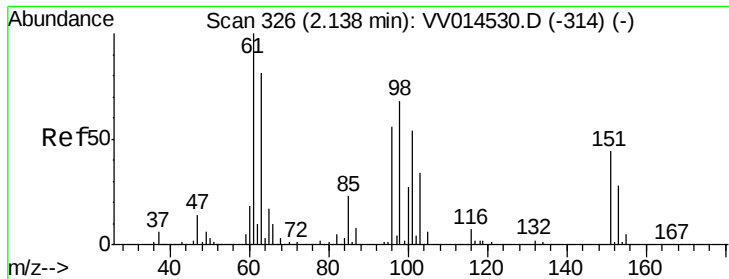
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration





#10

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

Concen: 0.778 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014532.D

Acq: 07 Feb 2020 12:33

Instrument :

MSVOA_V

ClientSampleId :

VBLK204

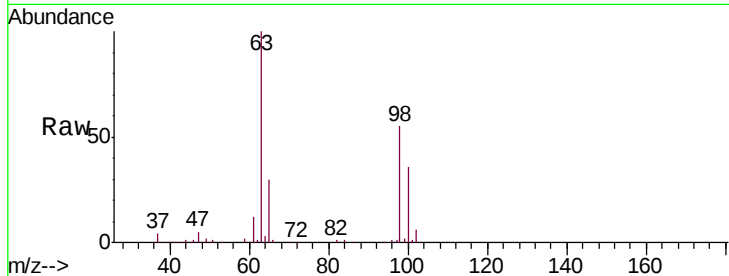
Tgt Ion: 101 Resp: 1065

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

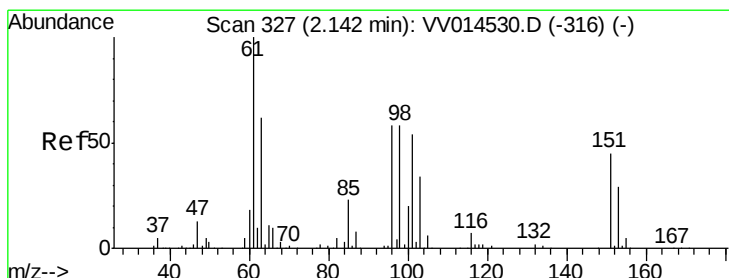
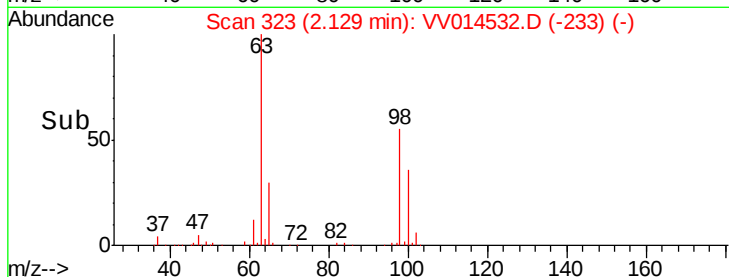
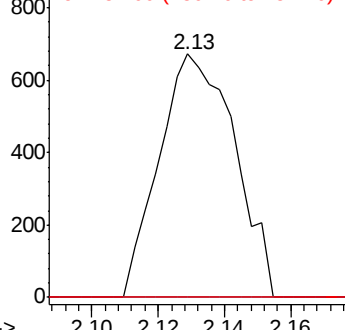
151 0.0 64.4 96.6#



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



#12

1,1-Dichloroethene

Concen: 0.713 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014532.D

Acq: 07 Feb 2020 12:33

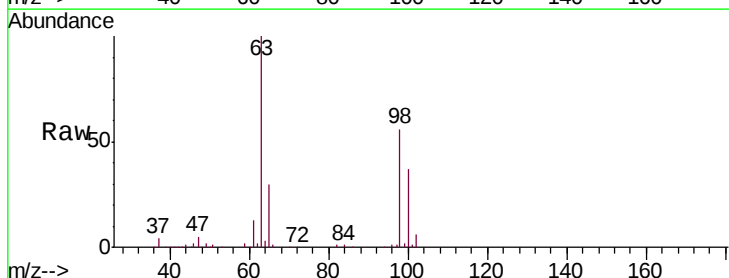
Tgt Ion: 96 Resp: 933

Ion Ratio Lower Upper

96 100

61 1257.1 125.0 232.2#

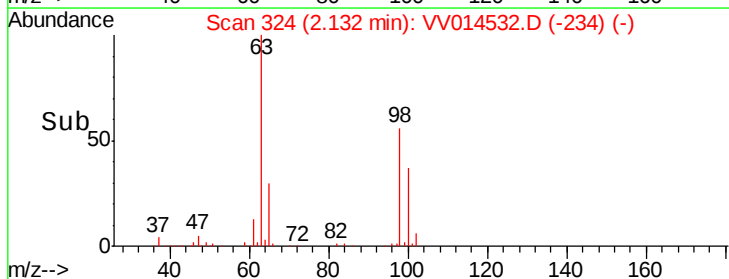
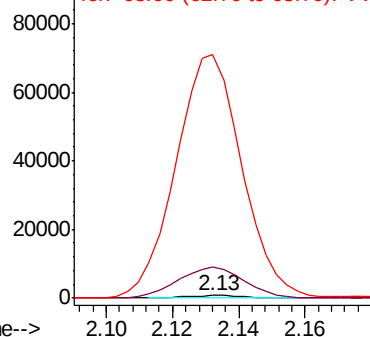
63 10016.4 101.6 188.6#

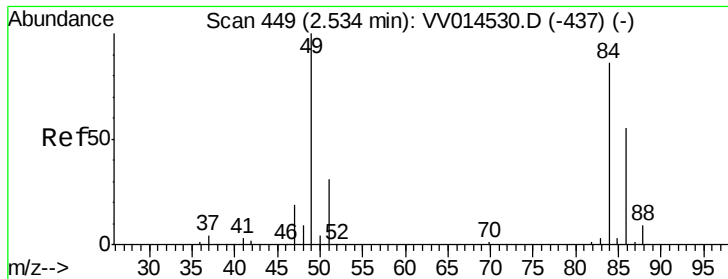


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

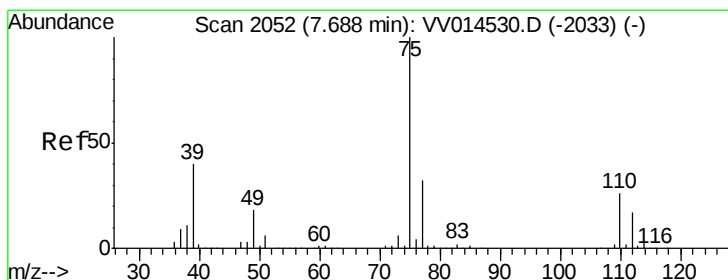
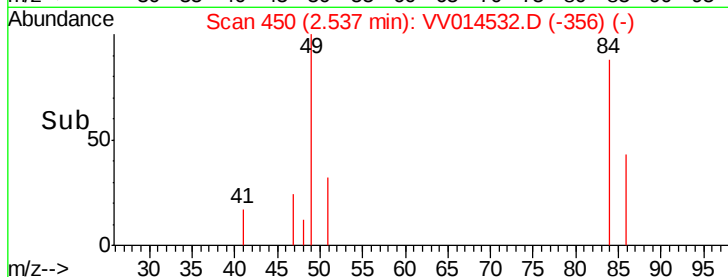
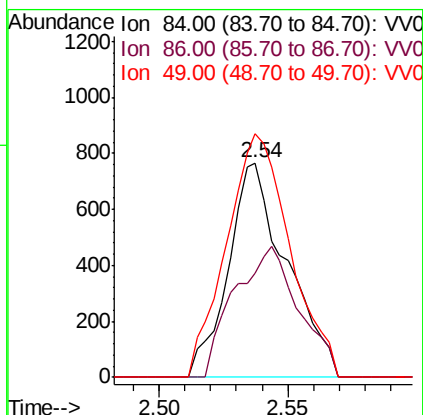
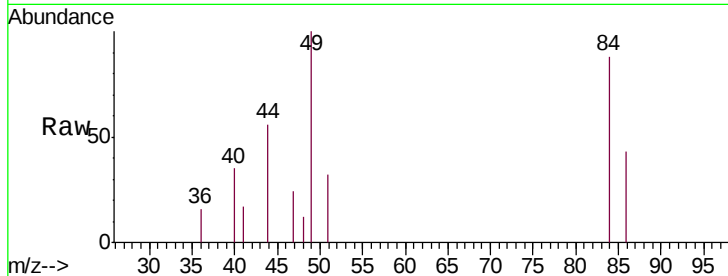




#16
Methylene chloride
Concen: 0.486 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014532.D
Acq: 07 Feb 2020 12:33

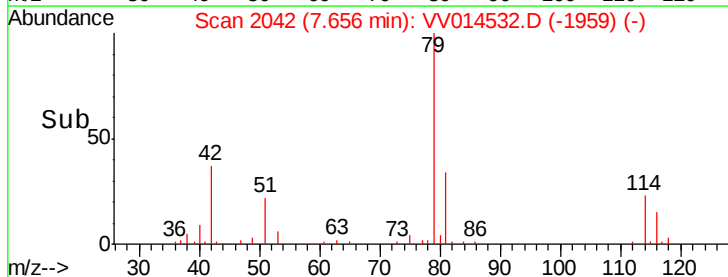
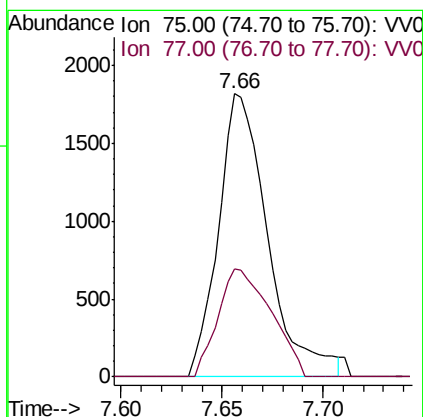
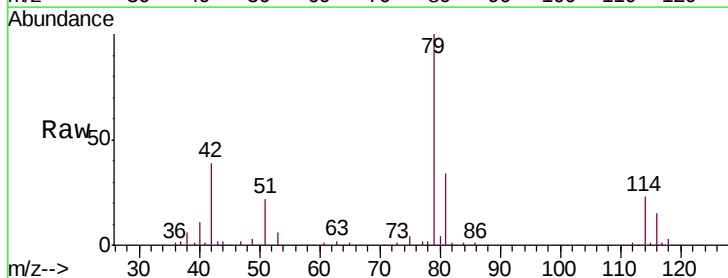
Instrument :
MSVOA_V
ClientSampleId :
VBLK204

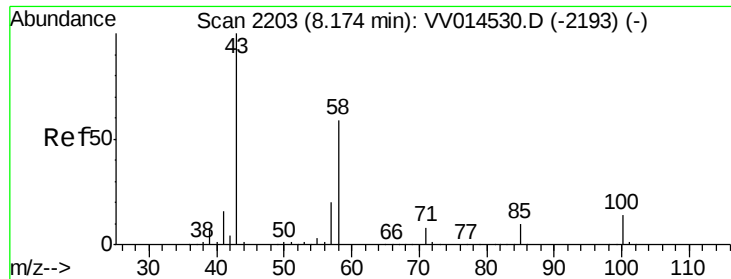
Tgt Ion: 84 Resp: 1207
Ion Ratio Lower Upper
84 100
86 48.5 44.6 82.8
49 113.6 83.2 154.4



#44
trans-1,3-Dichloropropene
Concen: 0.860 ug/L
RT: 7.66 min Scan# 2042
Delta R.T. -0.03 min
Lab File: VV014532.D
Acq: 07 Feb 2020 12:33

Tgt Ion: 75 Resp: 3101
Ion Ratio Lower Upper
75 100
77 38.0 22.2 41.2

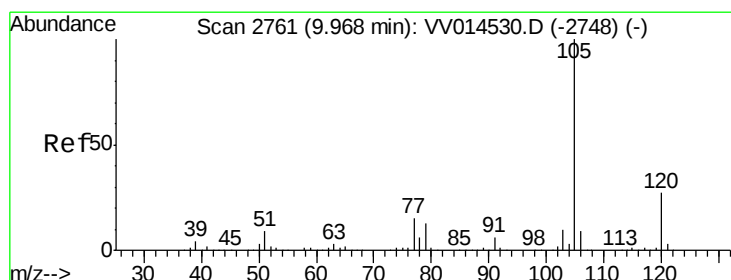
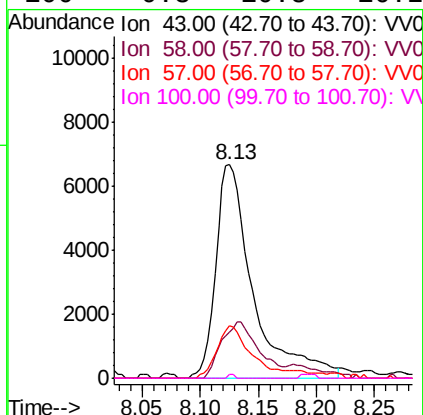
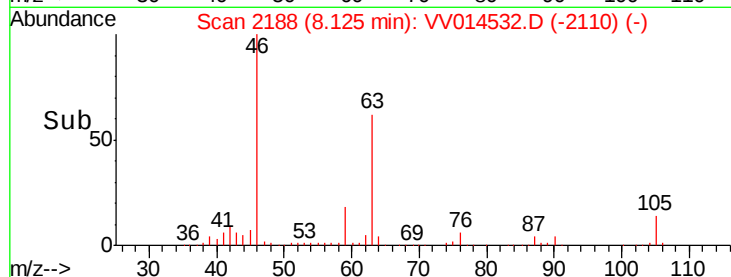
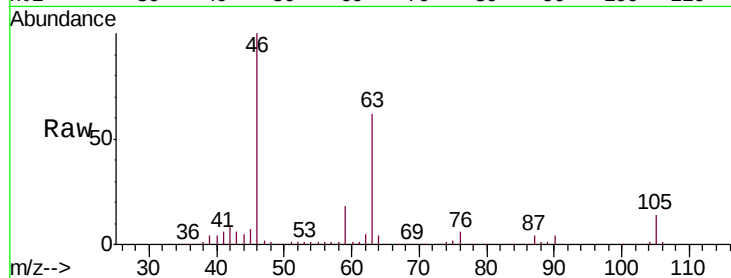




#48
2-Hexanone
Concen: 6.266 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV014532.D
Acq: 07 Feb 2020 12:33

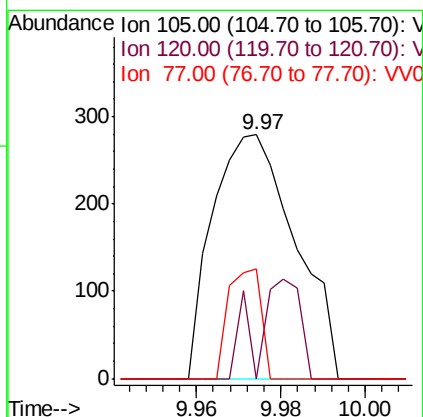
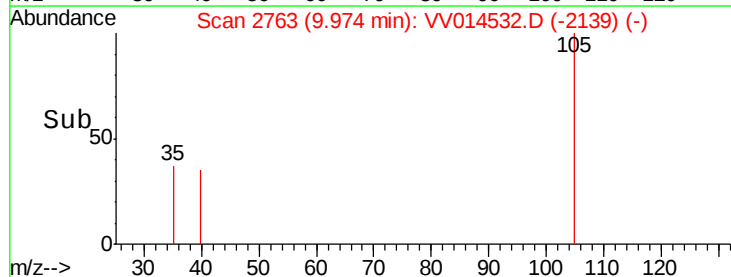
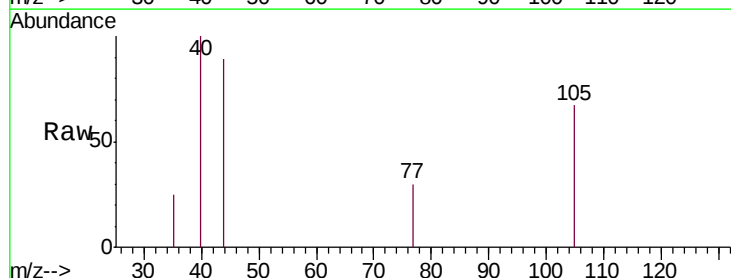
Instrument :
MSVOA_V
ClientSampleId :
VBLK204

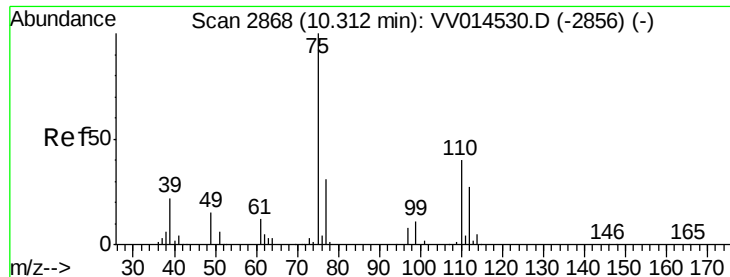
Tgt Ion: 43 Resp: 15031
Ion Ratio Lower Upper
43 100
58 26.3 45.5 68.3#
57 22.6 15.8 23.6
100 0.3 10.8 16.2#



#60
Isopropylbenzene
Concen: 0.035 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.01 min
Lab File: VV014532.D
Acq: 07 Feb 2020 12:33

Tgt Ion: 105 Resp: 380
Ion Ratio Lower Upper
105 100
120 5.0 21.5 32.3#
77 17.9 12.2 18.4





#61

1,2,3-Trichloropropane

Concen: 0.021 ug/L

RT: 11.22 min Scan# 3151

Delta R.T. 0.91 min

Lab File: VV014532.D

Acq: 07 Feb 2020 12:33

Instrument :

MSVOA_V

ClientSampleId :

VBLK204

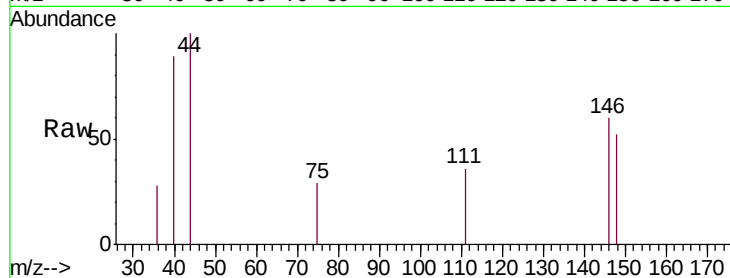
Tgt Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

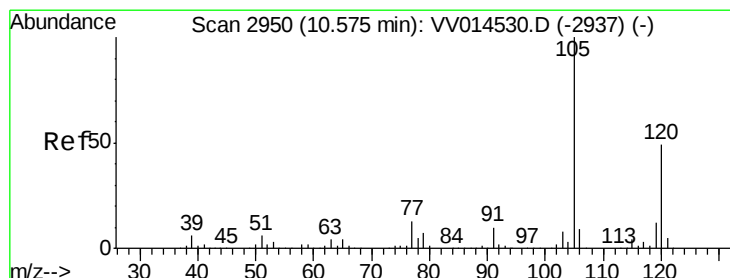
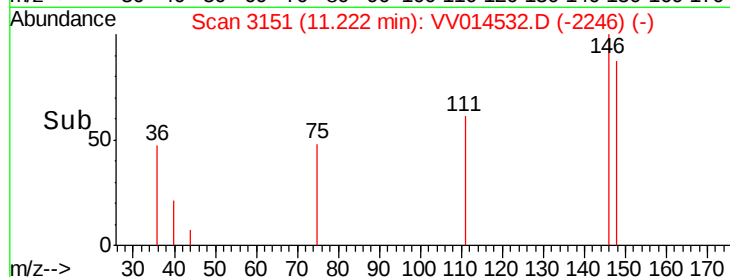
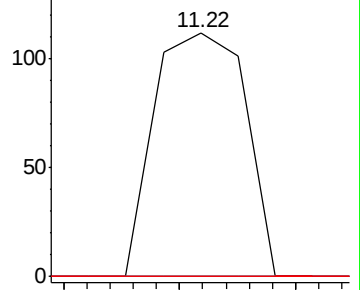
110 0.0 32.4 48.6#



Abundance Ion 75.00 (74.70 to 75.70): VV014532.D (-2246) (-)

Ion 77.00 (76.70 to 77.70): VV014532.D (-2246) (-)

Ion 110.00 (109.70 to 110.70): VV014532.D (-2246) (-)



#62

1,3,5-Trimethylbenzene

Concen: 0.018 ug/L

RT: 10.59 min Scan# 2953

Delta R.T. 0.01 min

Lab File: VV014532.D

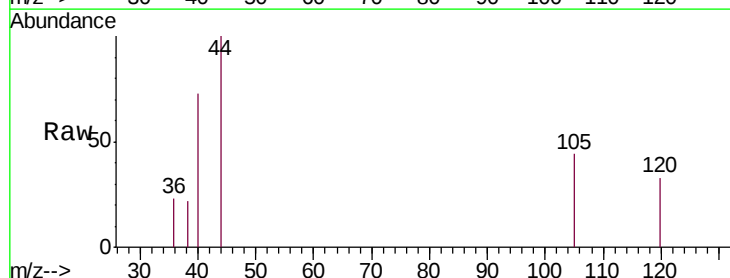
Acq: 07 Feb 2020 12:33

Tgt Ion: 105 Resp: 166

Ion Ratio Lower Upper

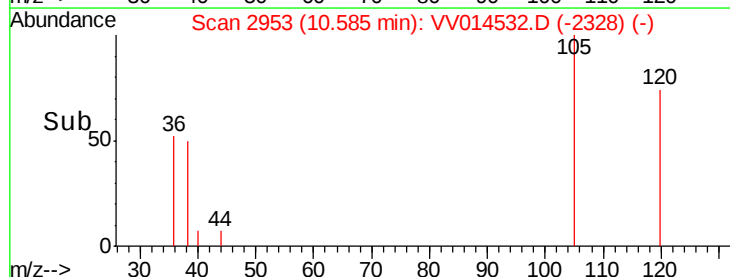
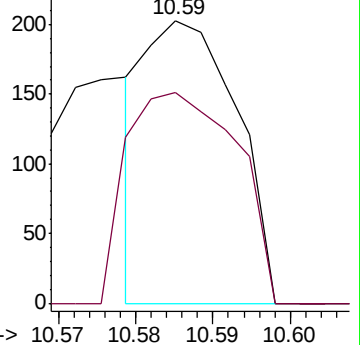
105 100

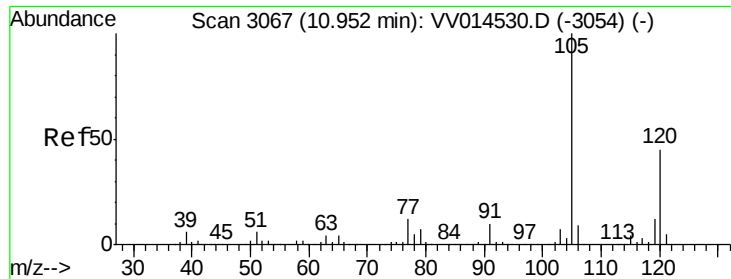
120 91.0 39.0 58.6#



Abundance Ion 105.00 (104.70 to 105.70): VV014532.D (-2328) (-)

Ion 120.00 (119.70 to 120.70): VV014532.D (-2328) (-)





#63
 1,2,4-Trimethylbenzene
 Concen: 0.052 ug/L
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.01 min
 Lab File: VV014532.D
 Acq: 07 Feb 2020 12:33

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK204

Tgt Ion:105 Resp: 476
 Ion Ratio Lower Upper
 105 100
 120 19.5 36.2 54.4#

