

Data File : VV014458.D
Acq On : 31 Jan 2020 18:36
Operator : SY/MD
Sample : VV0131MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK60

Quant Time: Feb 01 02:40:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	416110	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	384515	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	169158	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111187	48.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.22%
7) Chloroethane-d5	1.57	69	65956	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.27	63	164	0.05	ug/L	0.14
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.10%#
21) 2-Butanone-d5	3.92	46	175501	112.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.87%
24) Chloroform-d	4.40	84	232906	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	5.08	65	147012	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
32) Benzene-d6	5.09	84	514293	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.11	67	161271	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.70%
41) Toluene-d8	7.35	98	463259	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%
43) trans-1,3-Dichloropropene-	7.66	79	78722	48.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.70%
47) 2-Hexanone-d5	8.13	63	144996	115.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.69%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	213670	51.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.54%
64) 1,2-Dichlorobenzene-d4	11.67	152	163404	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%

Target Compounds

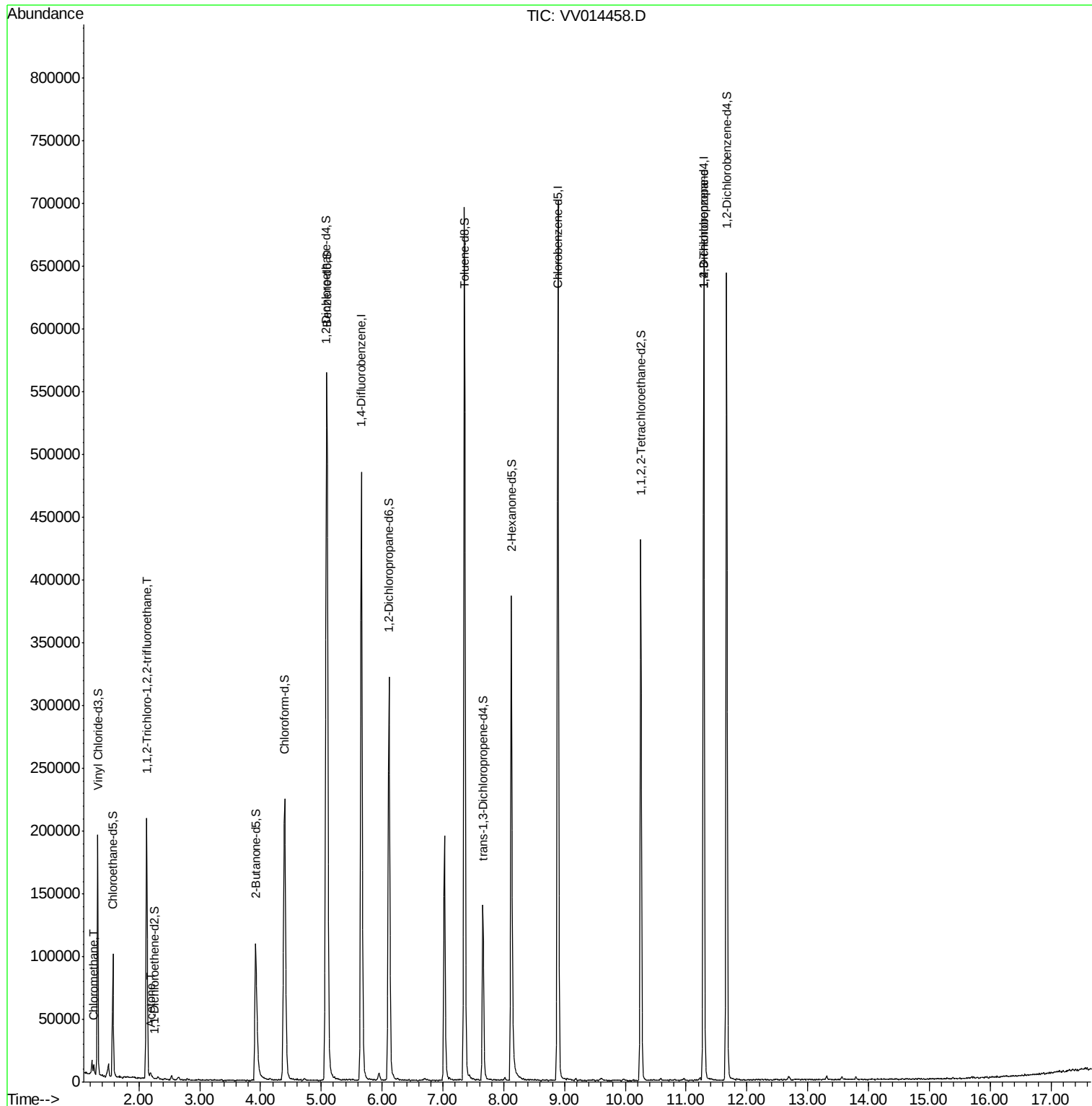
					Qvalue
3) Chloromethane	1.26	50	4546	1.252 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1220	0.774 ug/L #	23
13) Acetone	2.19	43	2173	1.638 ug/L	85
59) 1,2,3-Trichloropropane	11.29	75	21780	6.500 ug/L	97

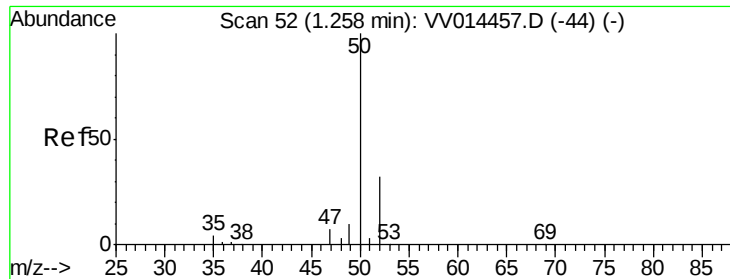
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.252 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

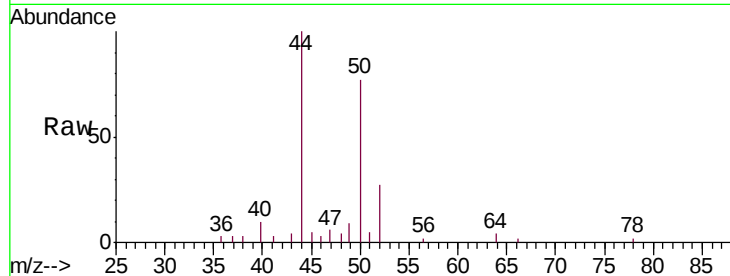
VBLK60

Tgt Ion: 50 Resp: 4546

Ion Ratio Lower Upper

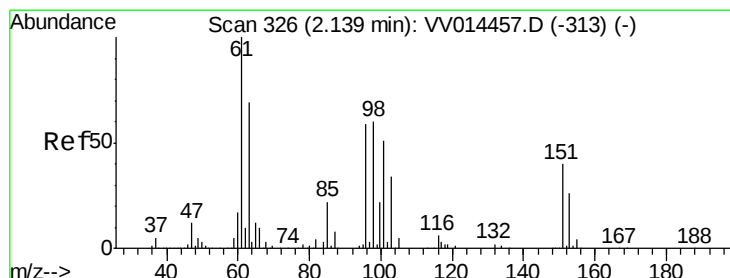
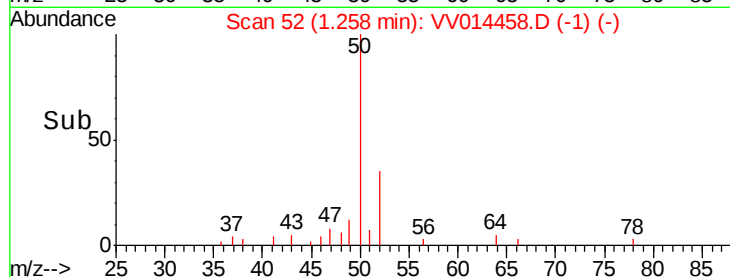
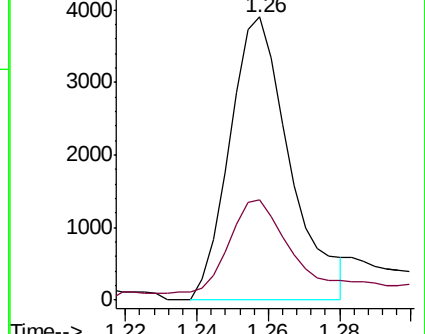
50 100

52 35.4 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VV014457.D (-44) (-)

Ion 52.00 (51.70 to 52.70): VV014458.D (-1) (-)



#10

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

Concen: 0.774 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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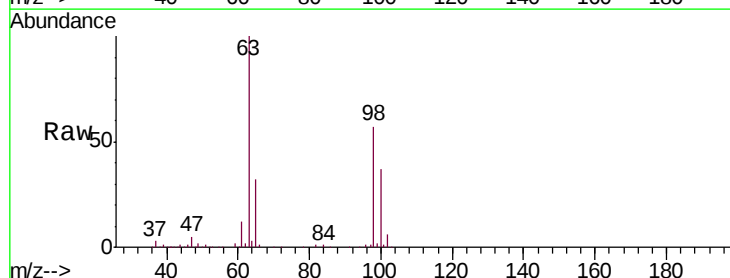
Tgt Ion: 101 Resp: 1220

Ion Ratio Lower Upper

101 100

85 3.5 34.6 51.8#

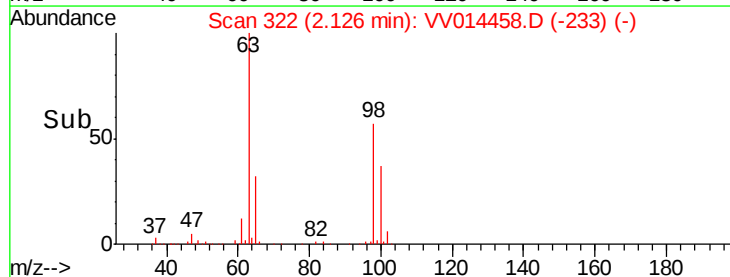
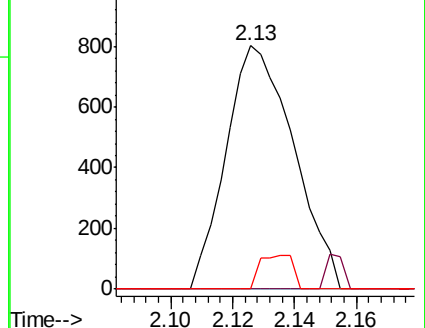
151 3.4 61.2 91.8#

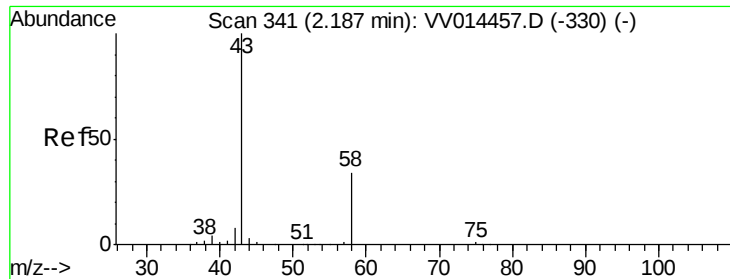


Abundance Ion 101.00 (100.70 to 101.70): VV014457.D (-313) (-)

Ion 85.00 (84.70 to 85.70): VV014458.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV014458.D (-233) (-)





#13

Acetone

Concen: 1.638 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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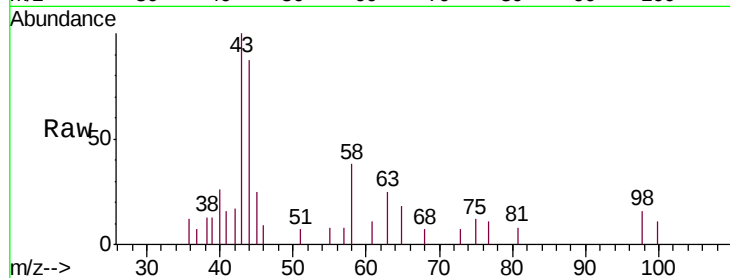
VBLK60

Tgt Ion: 43 Resp: 2173

Ion Ratio Lower Upper

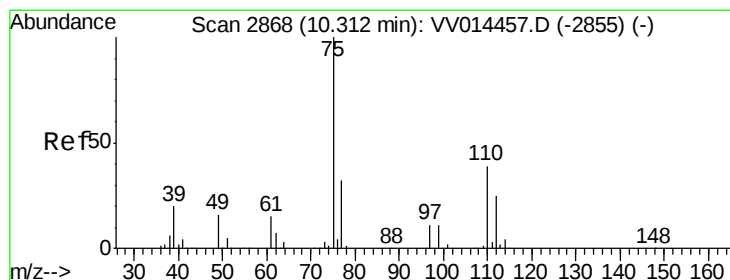
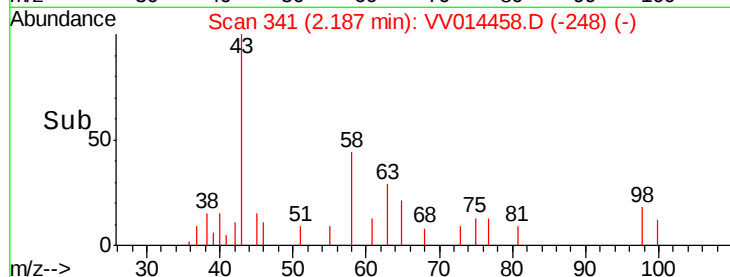
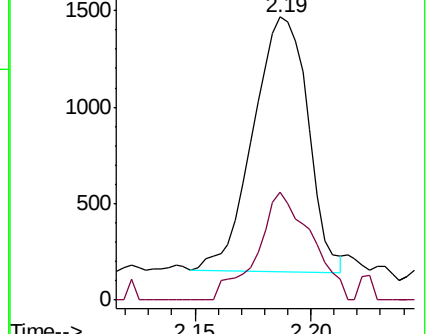
43 100

58 39.0 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#59

1,2,3-Trichloropropane

Concen: 6.500 ug/L

RT: 11.29 min Scan# 3171

Delta R.T. 0.97 min

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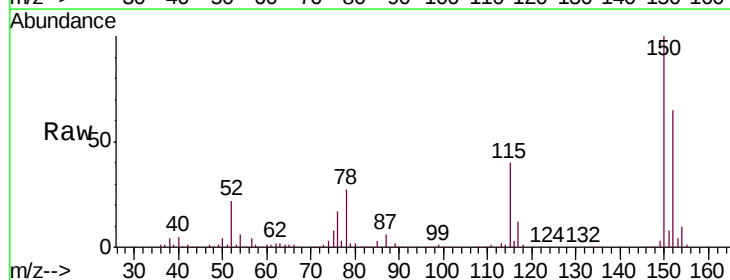
Acq: 31 Jan 2020 18:36

Tgt Ion: 75 Resp: 21780

Ion Ratio Lower Upper

75 100

77 34.0 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

