

Data File : VV010939.D
Acq On : 16 May 2019 20:18
Operator : SY/MD
Sample : K2716-03
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 17 11:27:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 06:28:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	129294	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	129897	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57696	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38534	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.56%
7) Chloroethane-d5	1.56	69	28459	26.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.04%
10) 1,1-Dichloroethene-d2	2.12	63	56032	17.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.92%
20) 2-Butanone-d5	3.93	46	26147	50.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.90%
24) Chloroform-d	4.40	84	77519	20.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.08%
26) 1,2-Dichloroethane-d4	5.08	65	49513	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.32%
29) Benzene-d6	5.09	84	171149	23.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.20%
33) 1,2-Dichloropropane-d6	6.12	67	55400	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.60%
37) Toluene-d8	7.36	98	154308	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.32%
38) trans-1,3-Dichloropropene-	7.66	79	20770	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.04%
39) 2-Hexanone-d5	8.13	63	18205	41.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49987	23.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	56115	23.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.12%

Target Compounds

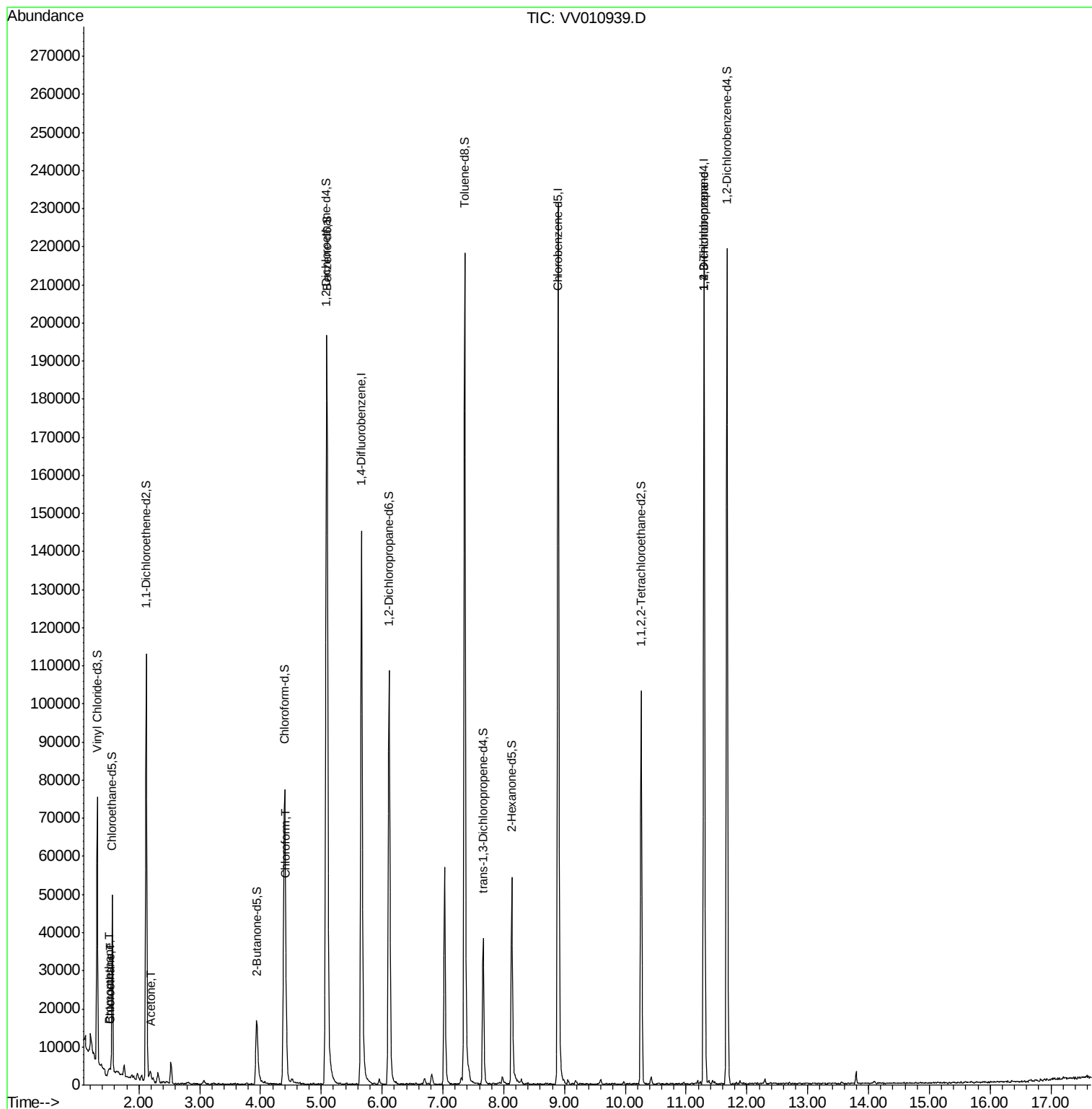
					Qvalue
6) Bromomethane	1.51	94	405	0.943 ug/L	90
8) Chloroethane	1.53	64	1430	1.495 ug/L #	56
13) Acetone	2.19	43	1191	2.256 ug/L	72
25) Chloroform	4.42	83	5452	1.463 ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	7829	4.927 ug/L	96

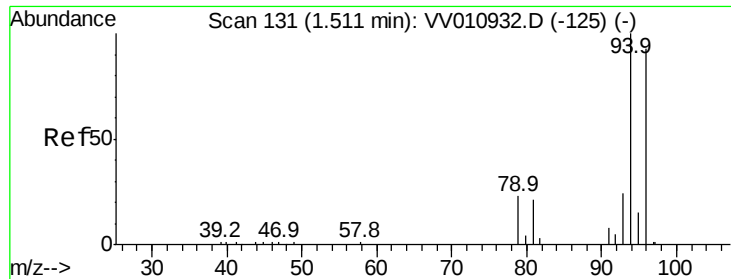
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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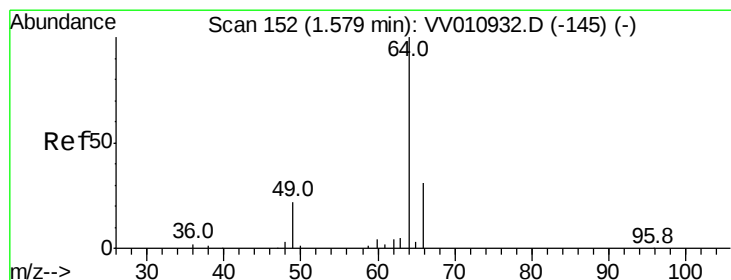
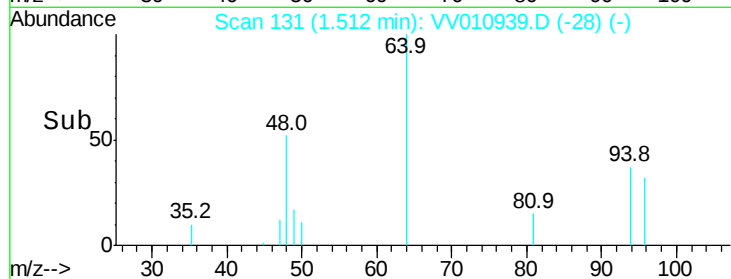
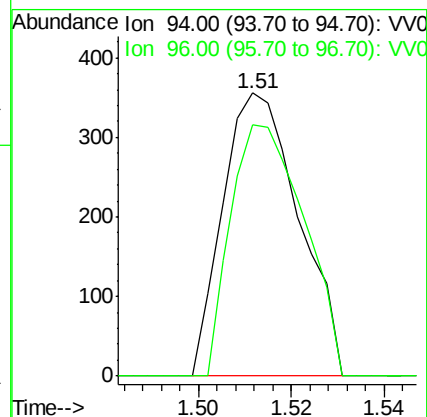
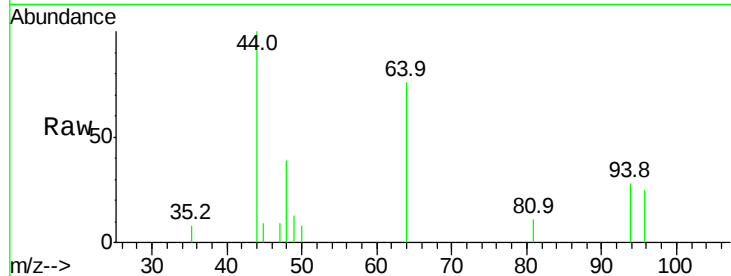




#6
Bromomethane
Concen: 0.943 ug/L
RT: 1.51 min Scan# 131
Delta R.T. 0.00 min
Lab File: VV010939.D
Acq: 16 May 2019 20:18

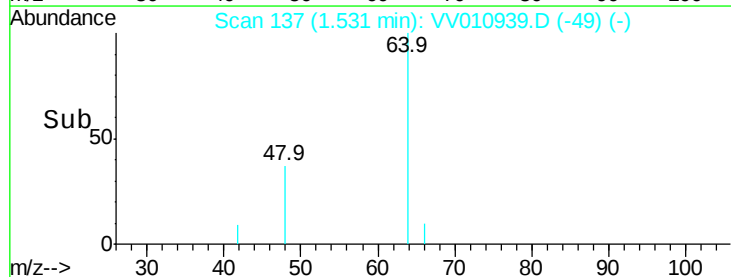
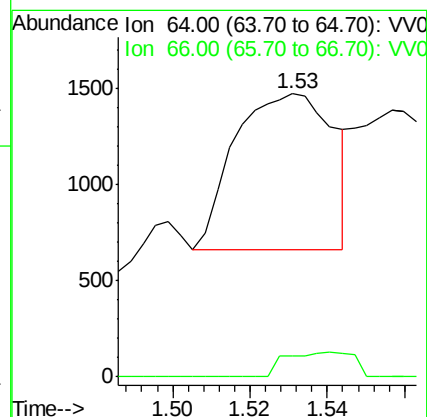
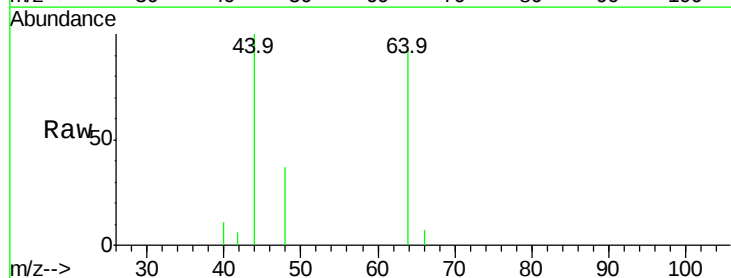
Instrument :
MSVOA_V
ClientSampled :
VHBLK01

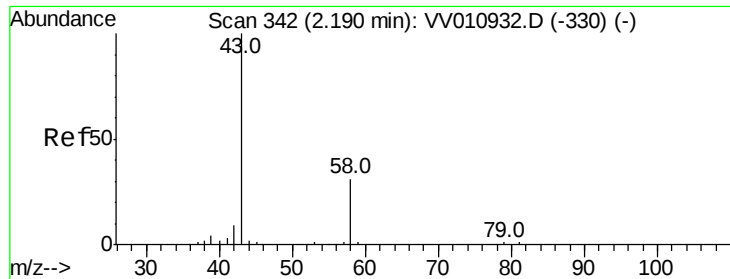
Tgt Ion: 94 Resp: 405
Ion Ratio Lower Upper
94 100
96 85.7 9.6 181.6



#8
Chloroethane
Concen: 1.495 ug/L
RT: 1.53 min Scan# 137
Delta R.T. -0.05 min
Lab File: VV010939.D
Acq: 16 May 2019 20:18

Tgt Ion: 64 Resp: 1430
Ion Ratio Lower Upper
64 100
66 7.6 22.5 41.9#





#13

Acetone

Concen: 2.256 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV010939.D

Acq: 16 May 2019 20:18

Instrument :

MSVOA_V

ClientSampleId :

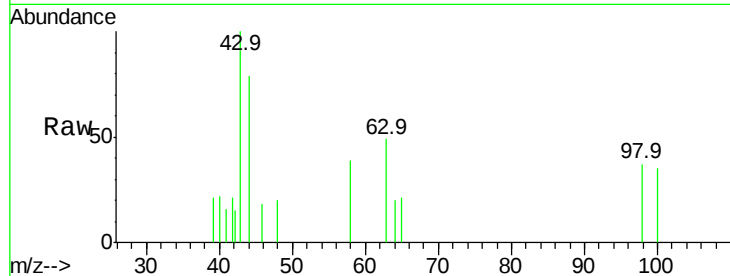
VHBLK01

Tgt Ion: 43 Resp: 1191

Ion Ratio Lower Upper

43 100

58 18.3 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010932.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010932.D (-330) (-)

2.19

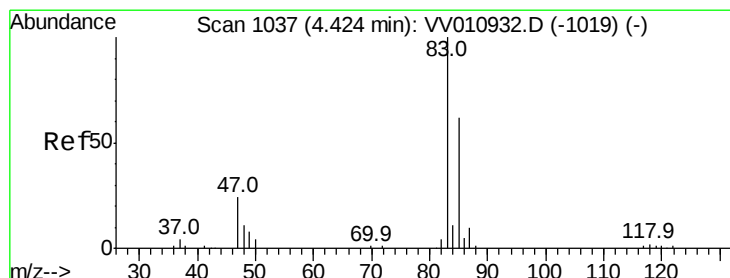
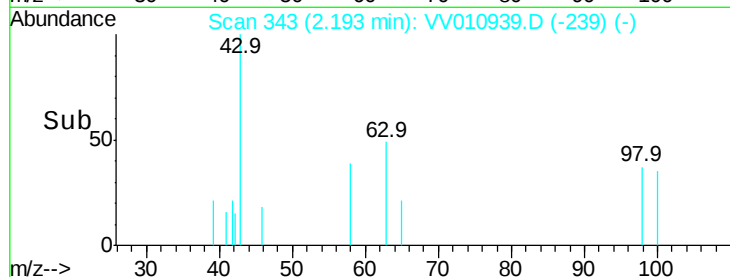
600

400

200

0

Time-->



#25

Chloroform

Concen: 1.463 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV010939.D

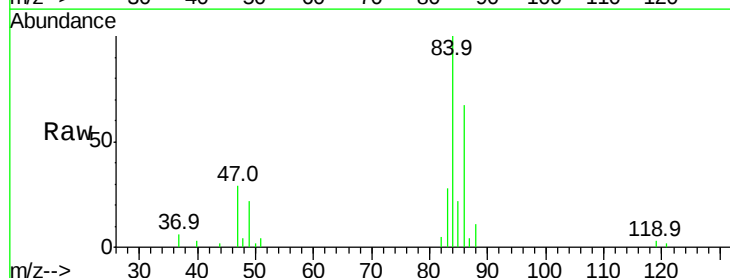
Acq: 16 May 2019 20:18

Tgt Ion: 83 Resp: 5452

Ion Ratio Lower Upper

83 100

85 39.3 45.3 84.1#



Abundance Ion 83.00 (82.70 to 83.70): VV010932.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV010932.D (-1019) (-)

4.42

2000

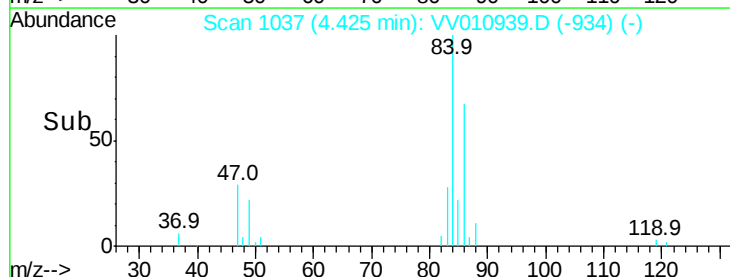
1500

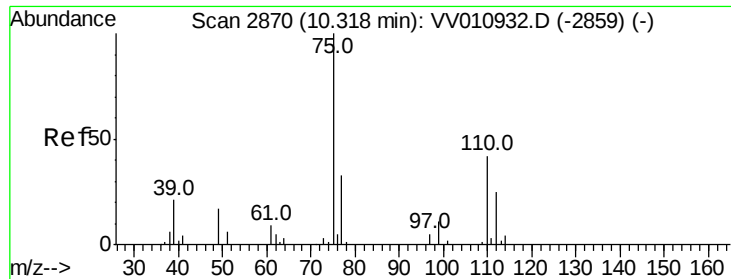
1000

500

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.927 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010939.D

Acq: 16 May 2019 20:18

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 7829

Ion Ratio Lower Upper

75 100

77 35.0 26.4 39.6

