

Data File : VV010890.D
Acq On : 15 May 2019 07:32
Operator : SY/MD
Sample : VV0514SBL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK91

Quant Time: May 15 09:01:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:59:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133166	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130810	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53523	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37626	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
7) Chloroethane-d5	1.55	69	29298	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.00%
10) 1,1-Dichloroethene-d2	2.11	63	55963	17.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.72%
20) 2-Butanone-d5	3.93	46	32595	61.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.14%
24) Chloroform-d	4.39	84	71700	18.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.60%
26) 1,2-Dichloroethane-d4	5.07	65	55189	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.00%
29) Benzene-d6	5.09	84	183675	25.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.48%
33) 1,2-Dichloropropane-d6	6.11	67	57996	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.44%
37) Toluene-d8	7.36	98	158515	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.12%
38) trans-1,3-Dichloropropene-	7.66	79	21877	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.84%
39) 2-Hexanone-d5	8.13	63	21202	48.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50624	23.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	55289	24.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.92%

Target Compounds

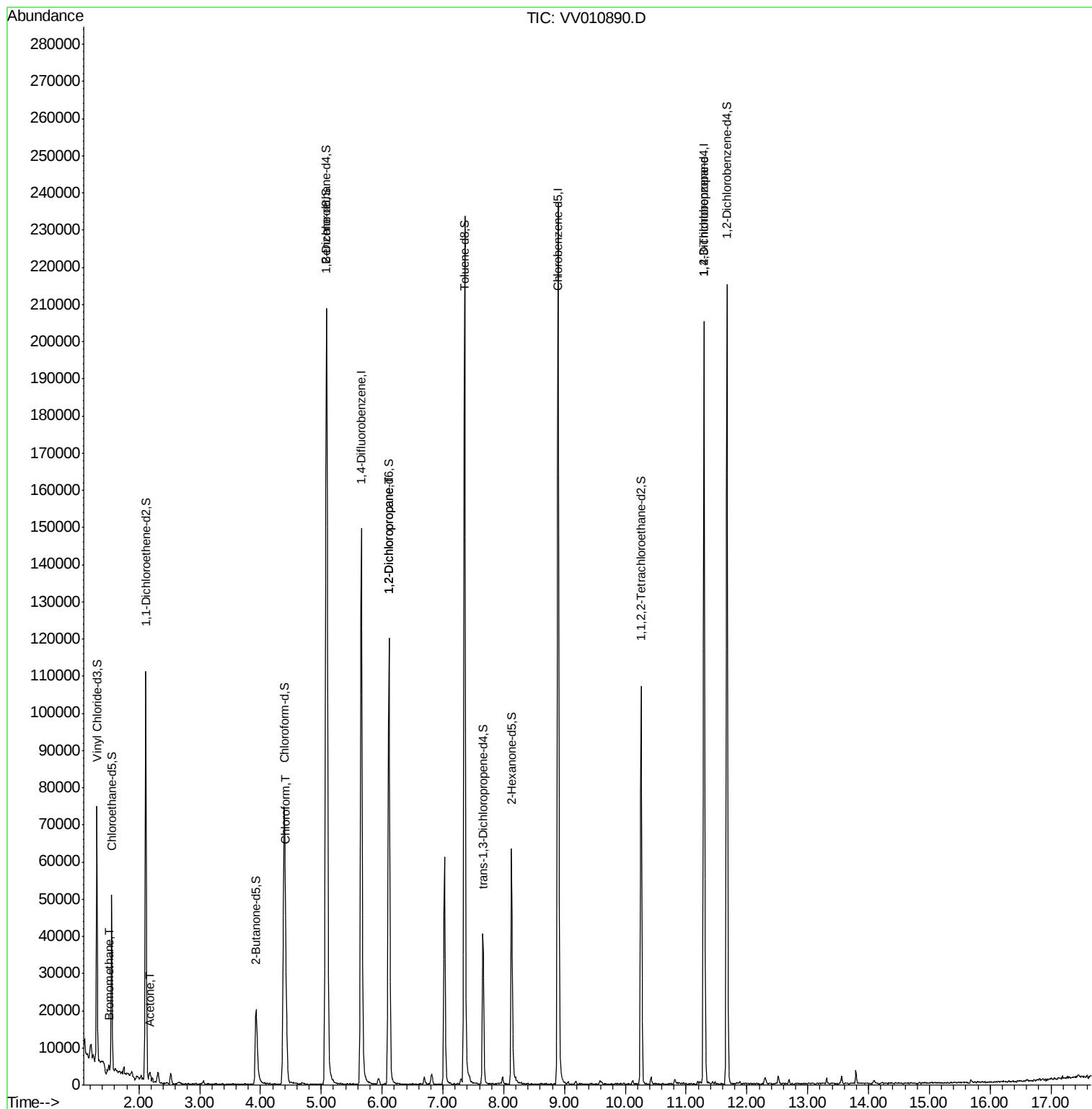
					Qvalue
6) Bromomethane	1.51	94	354	0.801 ug/L	72
13) Acetone	2.18	43	1500	2.759 ug/L	90
25) Chloroform	4.42	83	18898	4.923 ug/L	94
40) 1,2-Dichloropropane	6.11	63	6378	3.071 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	6894	4.308 ug/L	98

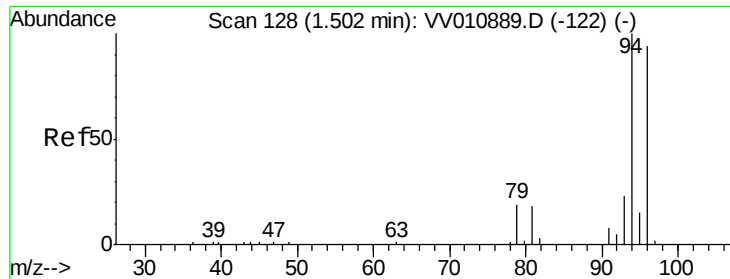
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.801 ug/L

RT: 1.51 min Scan# 129

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

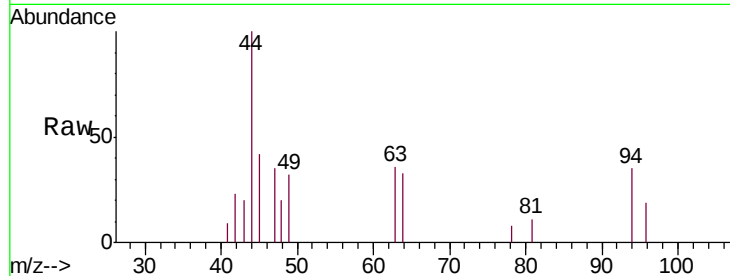
VBLK91

Tgt Ion: 94 Resp: 354

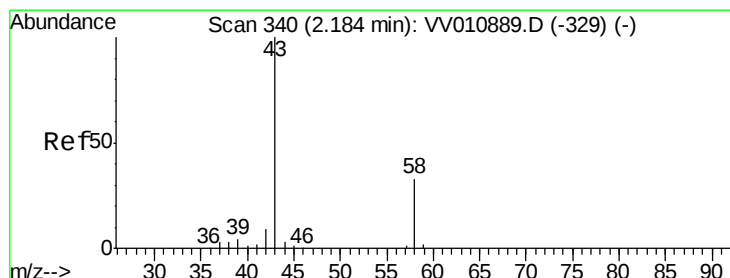
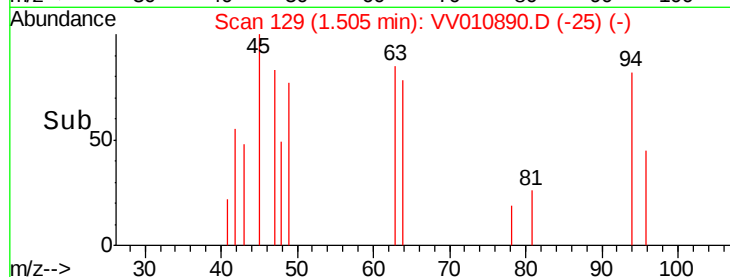
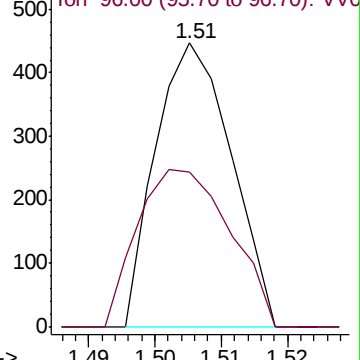
Ion Ratio Lower Upper

94 100

96 68.1 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010889.D (-122) (-)



#13

Acetone

Concen: 2.759 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

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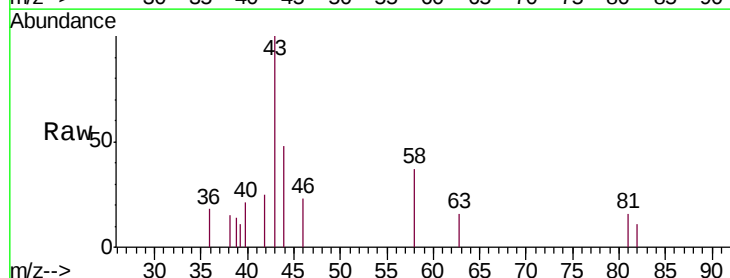
Acq: 15 May 2019 07:32

Tgt Ion: 43 Resp: 1500

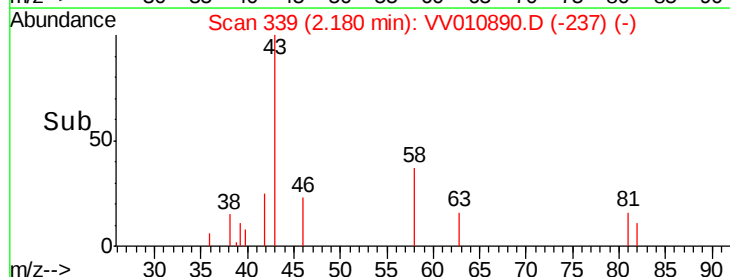
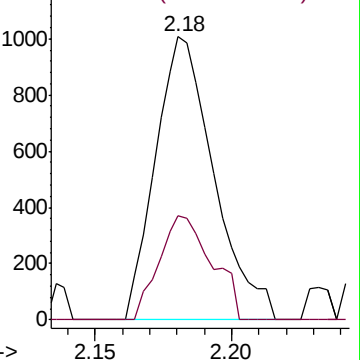
Ion Ratio Lower Upper

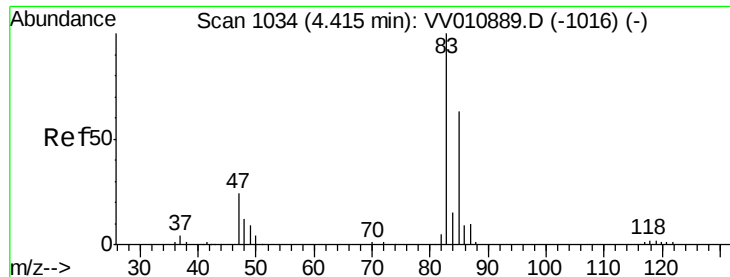
43 100

58 28.8 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010889.D (-329) (-)





#25

Chloroform

Concen: 4.923 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

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ClientSampleId :

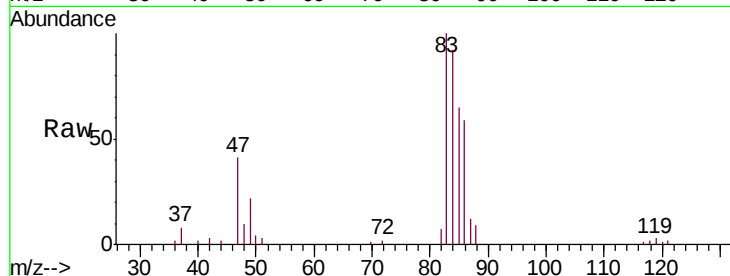
VBLK91

Tgt Ion: 83 Resp: 18898

Ion Ratio Lower Upper

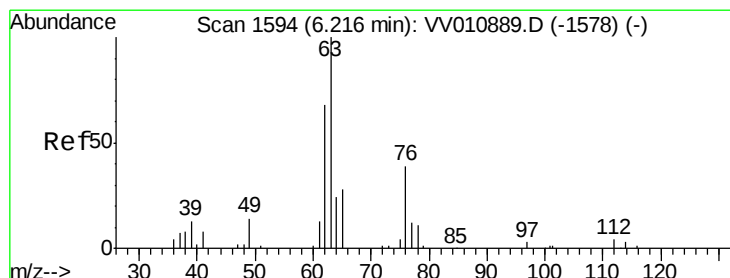
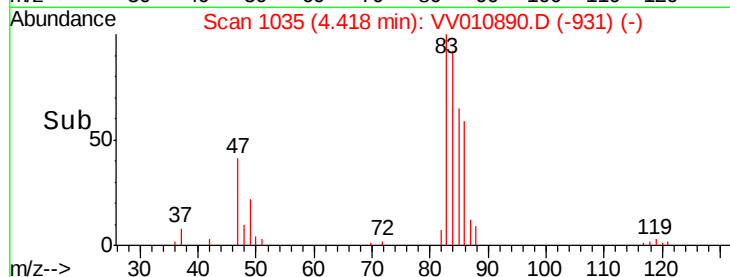
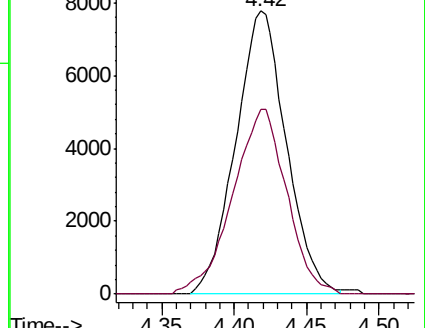
83 100

85 69.5 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VV010889.D (-1016) (-)

Ion 85.00 (84.70 to 85.70): VV010889.D (-1016) (-)



#40

1,2-Dichloropropane

Concen: 3.071 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV010890.D

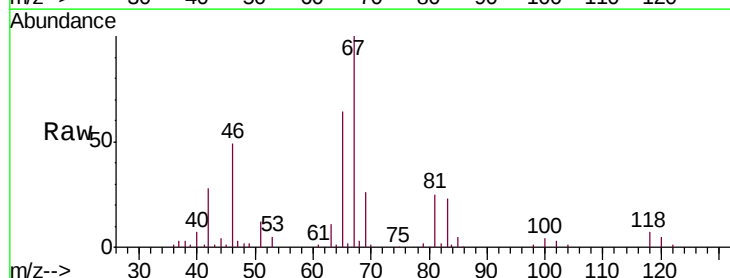
Acq: 15 May 2019 07:32

Tgt Ion: 63 Resp: 6378

Ion Ratio Lower Upper

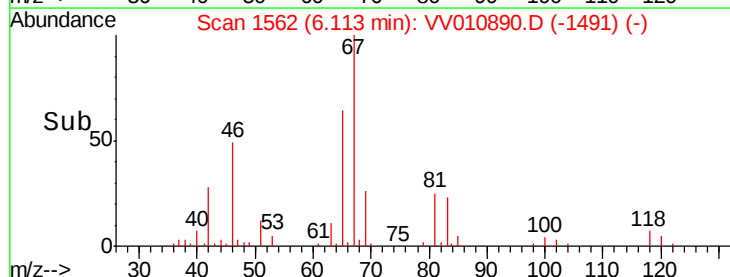
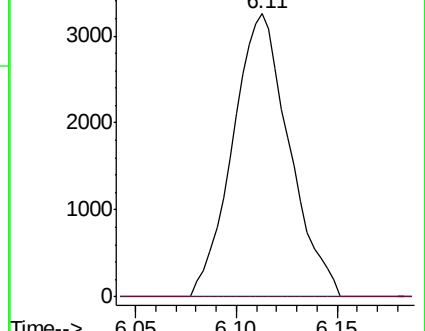
63 100

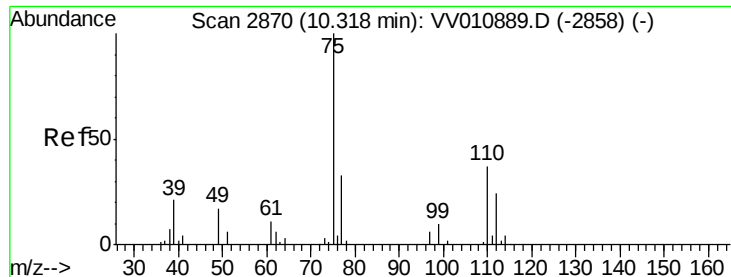
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV010889.D (-1578) (-)

Ion 112.00 (111.70 to 112.70): VV010889.D (-1578) (-)





#59

1,2,3-Trichloropropane

Concen: 4.308 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010890.D

Acq: 15 May 2019 07:32

Instrument :

MSVOA_V

ClientSampleId :

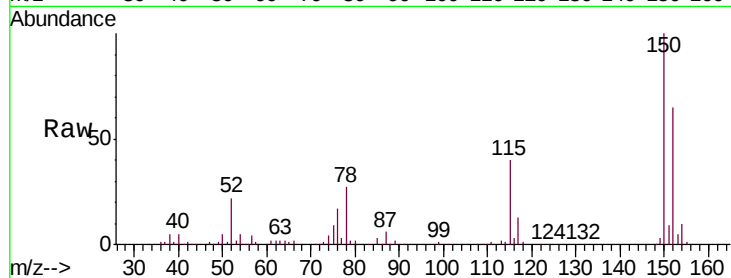
VBLK91

Tgt Ion: 75 Resp: 6894

Ion Ratio Lower Upper

75 100

77 34.2 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

