

Data File : VV010790.D
Acq On : 10 May 2019 02:50
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: May 10 07:58:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	98898	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	97319	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38619	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30354	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.04%
7) Chloroethane-d5	1.56	69	29581	23.40	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
10) 1,1-Dichloroethene-d2	2.12	63	53860	16.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.64%
20) 2-Butanone-d5	3.92	46	20430	44.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.62%
24) Chloroform-d	4.39	84	62220	23.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.32%
26) 1,2-Dichloroethane-d4	5.07	65	41586	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.80%
29) Benzene-d6	5.09	84	125956	24.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.36%
33) 1,2-Dichloropropane-d6	6.11	67	41212	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.00%
37) Toluene-d8	7.36	98	112576	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.80%
38) trans-1,3-Dichloropropene-	7.66	79	15305	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	8.13	63	13839	40.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31319	20.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	35889	24.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.00%

Target Compounds

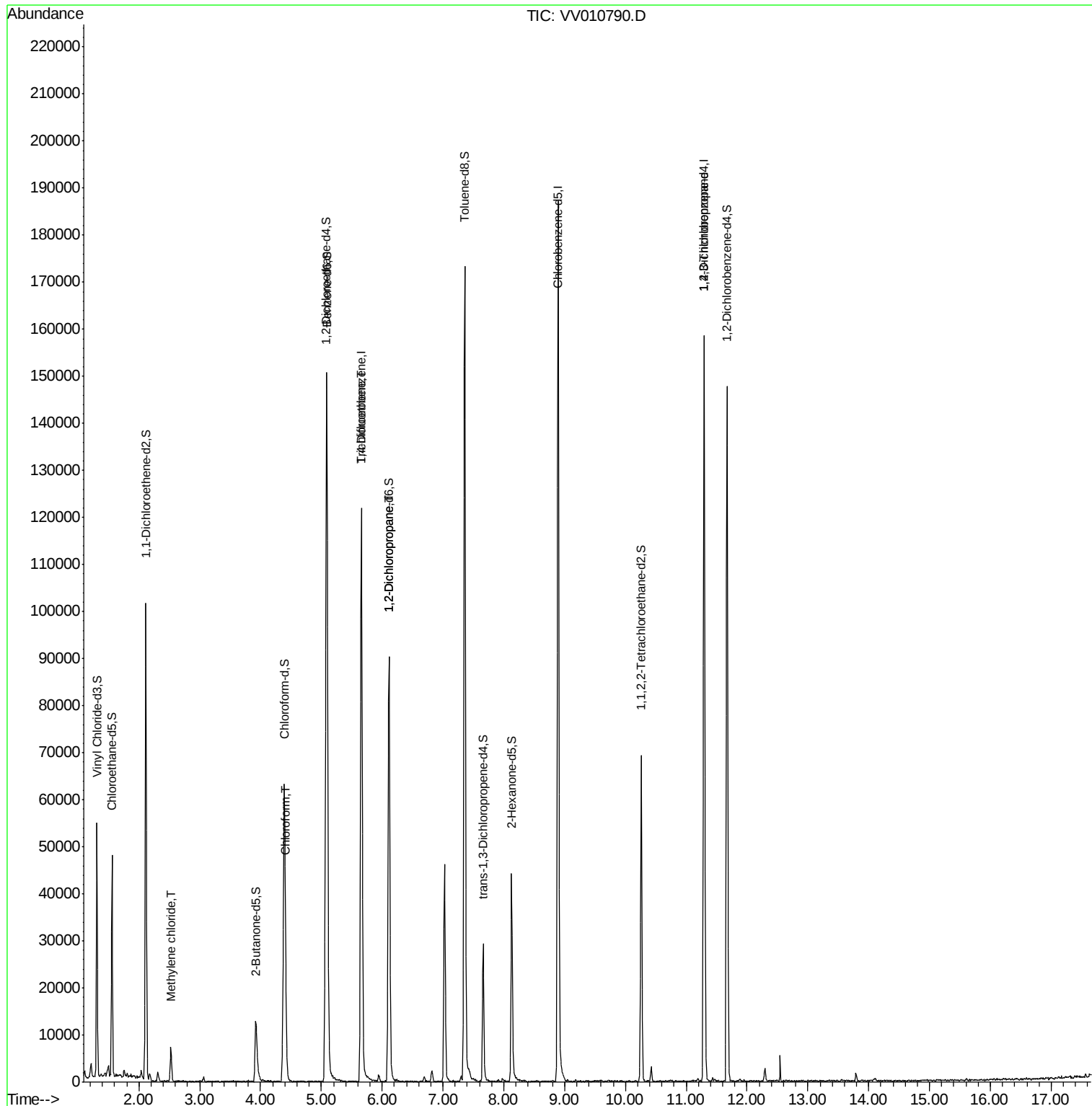
					Qvalue
16) Methylene chloride	2.52	84	2726	1.783 ug/L	91
25) Chloroform	4.42	83	2843	0.950 ug/L #	28
35) Trichloroethene	5.66	95	2735	1.709 ug/L #	7
40) 1,2-Dichloropropane	6.11	63	4943	3.252 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	5137	4.024 ug/L	90

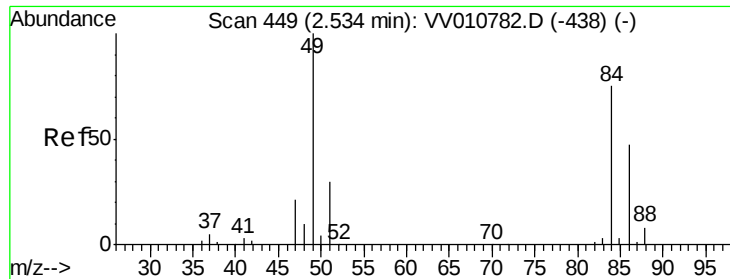
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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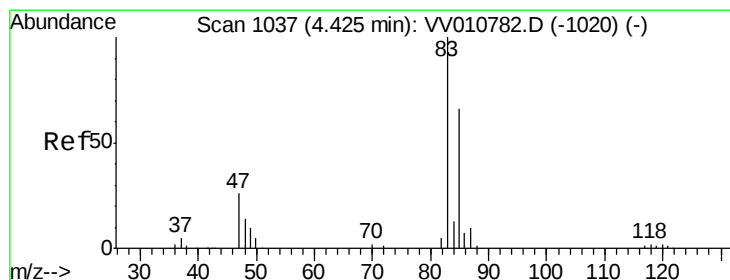
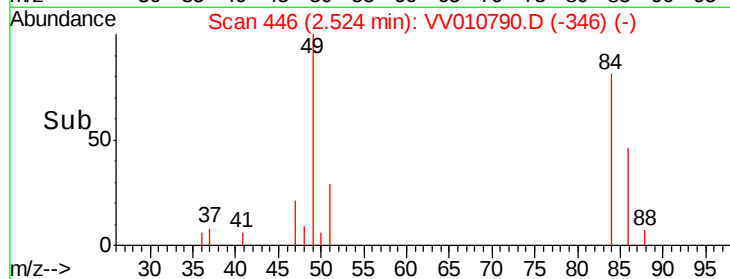
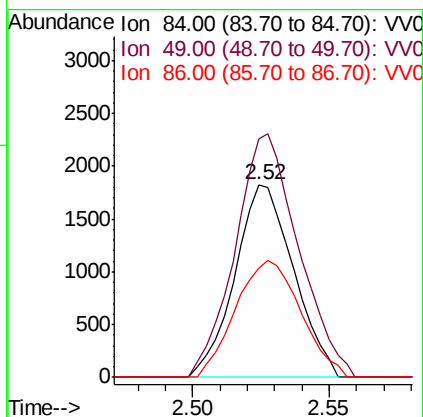
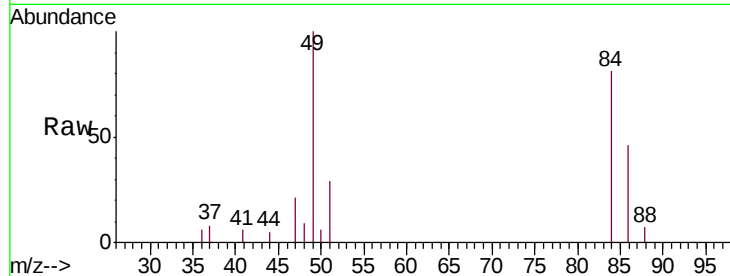




#16
Methylene chloride
Concen: 1.783 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV010790.D
Acq: 10 May 2019 02:50

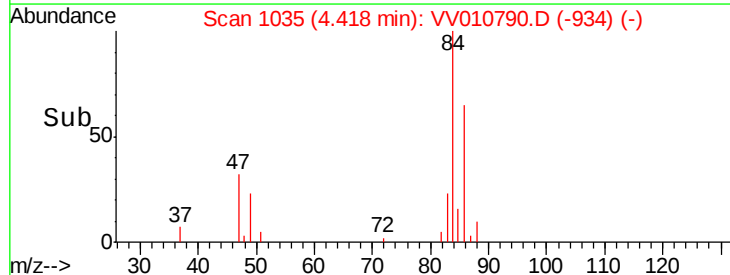
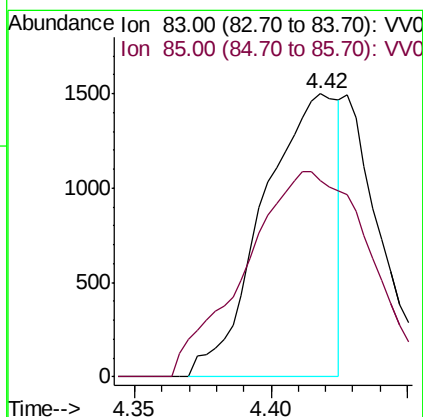
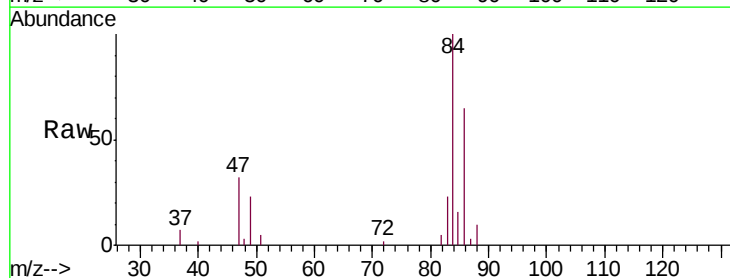
Instrument :
MSVOA_V
ClientSampled :
VIBLK

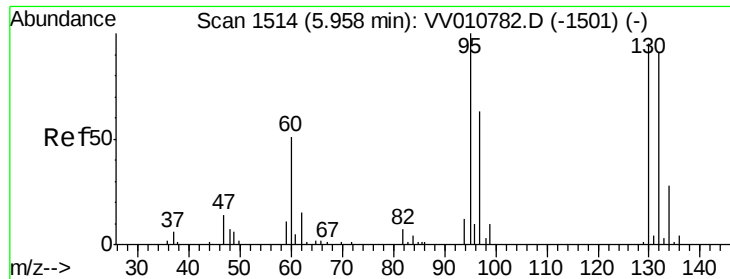
Tgt Ion: 84 Resp: 2726
Ion Ratio Lower Upper
84 100
49 123.4 92.9 172.5
86 56.9 46.5 86.5



#25
Chloroform
Concen: 0.950 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010790.D
Acq: 10 May 2019 02:50

Tgt Ion: 83 Resp: 2843
Ion Ratio Lower Upper
83 100
85 119.6 44.6 82.8#





#35

Trichloroethene

Concen: 1.709 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

Lab File: VV010790.D

Acq: 10 May 2019 02:50

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion: 95 Resp: 2735

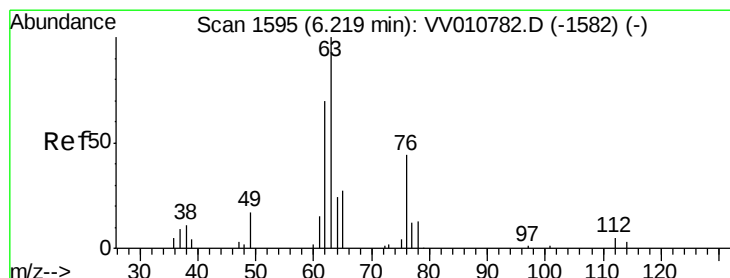
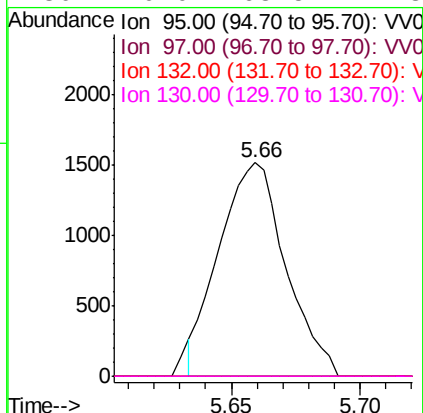
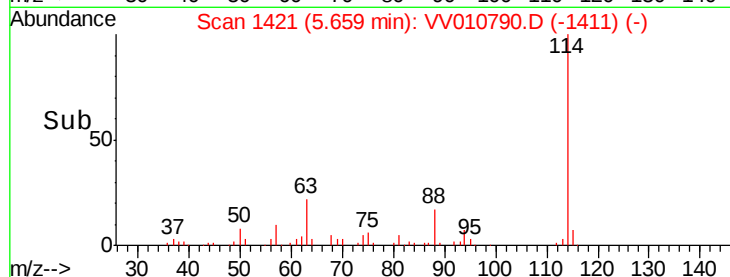
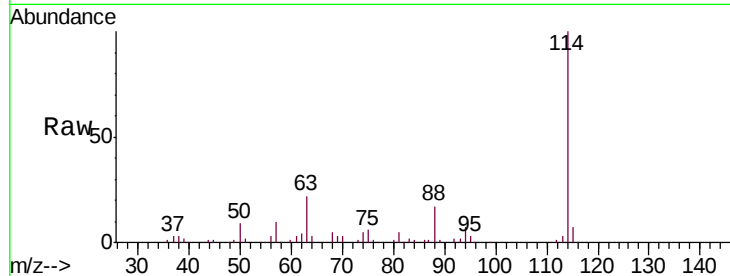
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#40

1,2-Dichloropropane

Concen: 3.252 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

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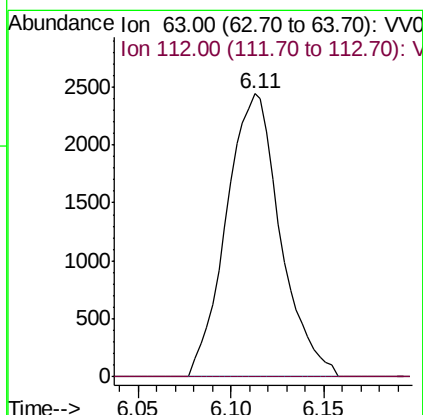
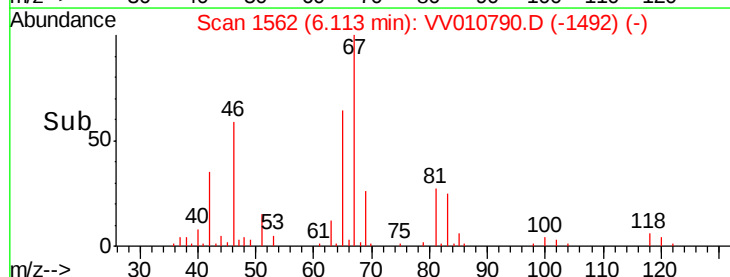
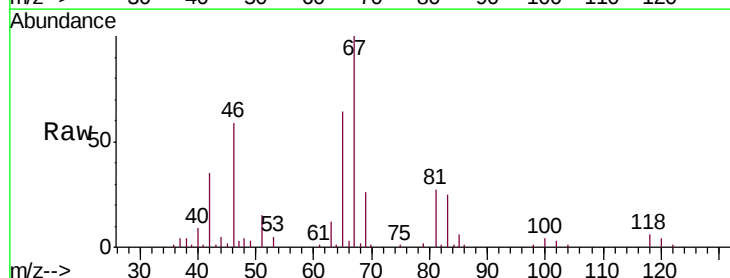
Acq: 10 May 2019 02:50

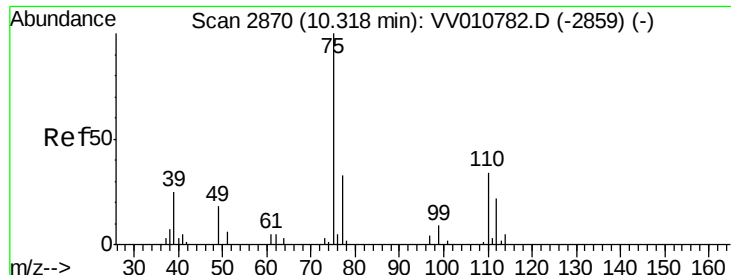
Tgt Ion: 63 Resp: 4943

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#59

1,2,3-Trichloropropane

Concen: 4.024 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010790.D

Acq: 10 May 2019 02:50

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion: 75 Resp: 5137

Ion Ratio Lower Upper

75 100

77 37.0 25.0 37.6

