

Data File : VV013897.D
Acq On : 03 Dec 2019 16:44
Operator : SY/MD
Sample : K6028-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Dec 04 01:15:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 04 01:11:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	657313	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	602243	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	249741	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	176135	46.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.66%
7) Chloroethane-d5	1.55	69	140350	35.37	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.74%
11) 1,1-Dichloroethene-d2	2.12	63	258799	30.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.58%
21) 2-Butanone-d5	3.92	46	252415	94.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.33%
24) Chloroform-d	4.39	84	380629	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	5.07	65	252093	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
32) Benzene-d6	5.09	84	778450	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
36) 1,2-Dichloropropane-d6	6.11	67	245420	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.78%
41) Toluene-d8	7.35	98	667578	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%
43) trans-1,3-Dichloropropene-	7.66	79	104749	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.90%
47) 2-Hexanone-d5	8.13	63	145831	83.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.37%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	327212	48.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.48%
64) 1,2-Dichlorobenzene-d4	11.67	152	279253	56.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.86%

Target Compounds

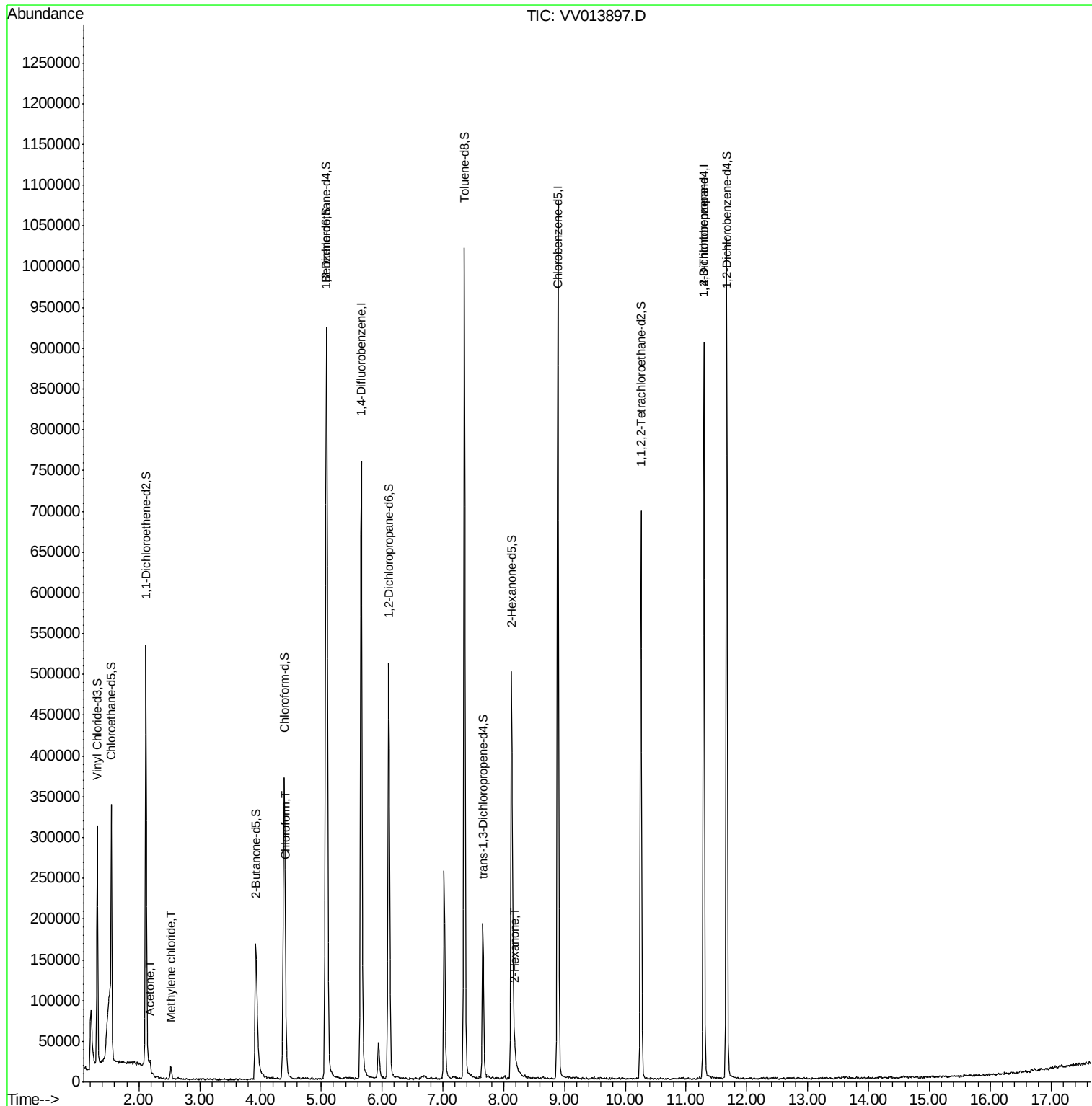
					Qvalue
13) Acetone	2.19	43	6739	1.719 ug/L	87
16) Methylene chloride	2.53	84	6462	1.299 ug/L	96
25) Chloroform	4.42	83	11161	1.241 ug/L	88
48) 2-Hexanone	8.18	43	10349	2.292 ug/L #	38
59) 1,2,3-Trichloropropane	11.29	75	23774	4.047 ug/L	90

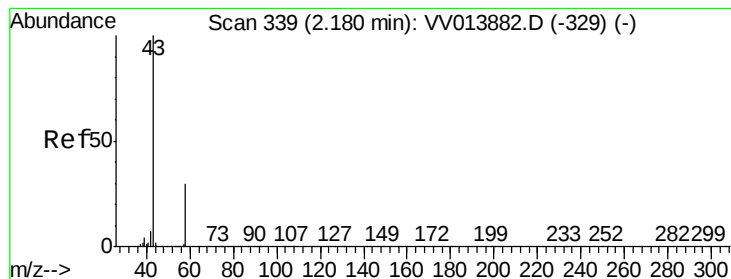
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.719 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

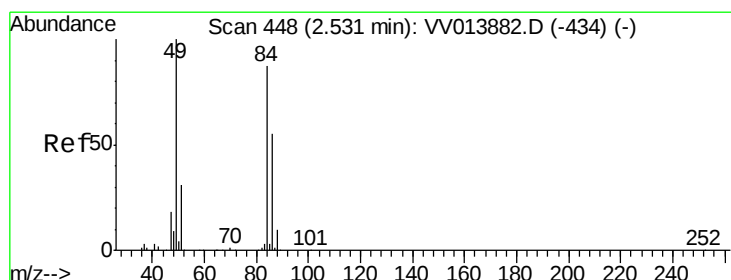
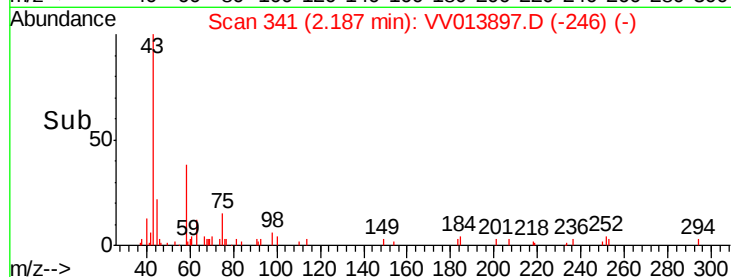
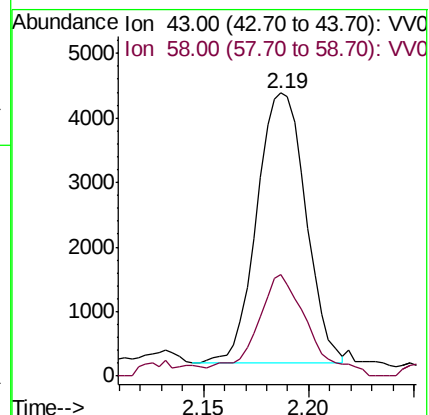
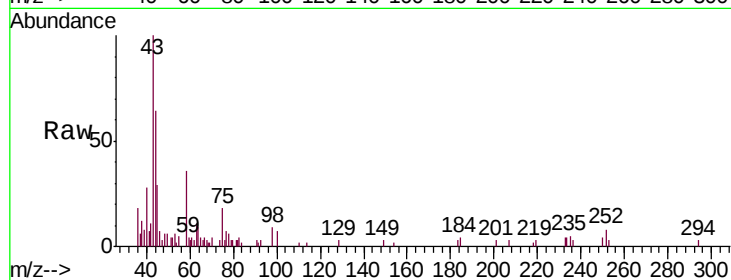
VHBLK01

Tgt Ion: 43 Resp: 6739

Ion Ratio Lower Upper

43 100

58 37.5 0.0 60.8



#16

Methylene chloride

Concen: 1.299 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

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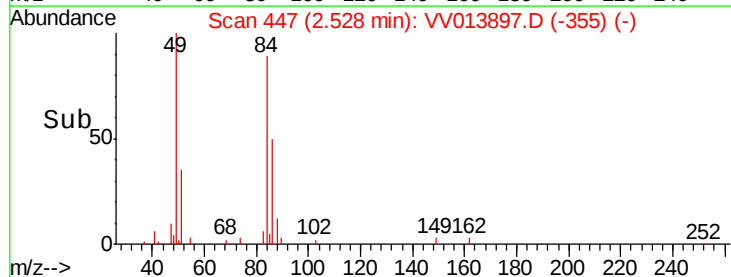
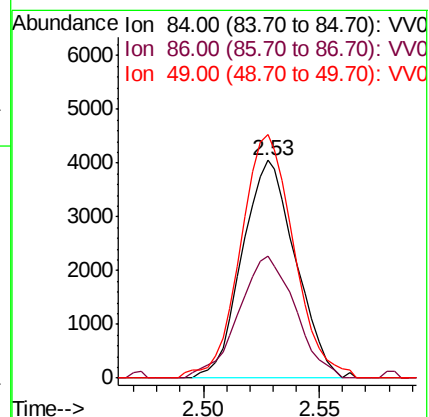
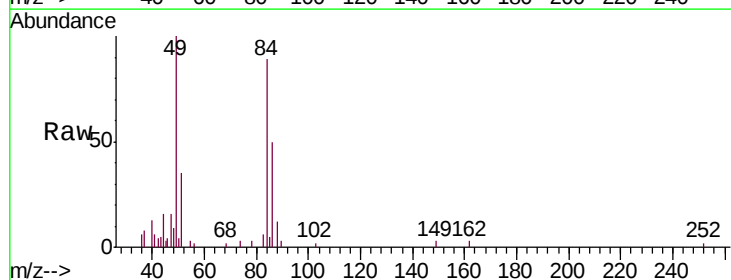
Tgt Ion: 84 Resp: 6462

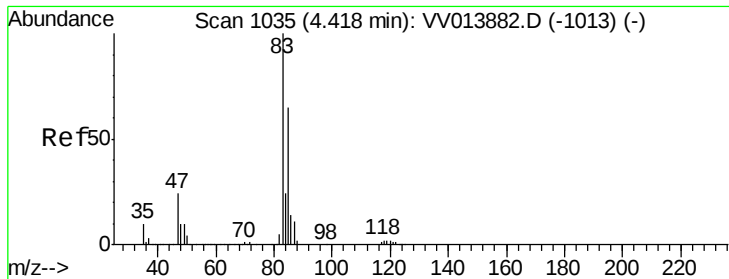
Ion Ratio Lower Upper

84 100

86 55.9 43.9 81.5

49 111.9 79.7 147.9





#25

Chloroform

Concen: 1.241 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

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Acq: 03 Dec 2019 16:44

Instrument :

MSVOA_V

ClientSampleId :

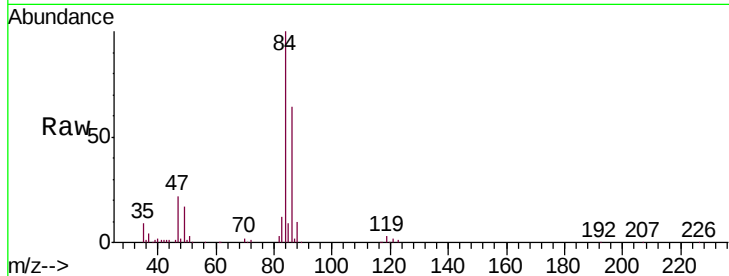
VHBLK01

Tgt Ion: 83 Resp: 11161

Ion Ratio Lower Upper

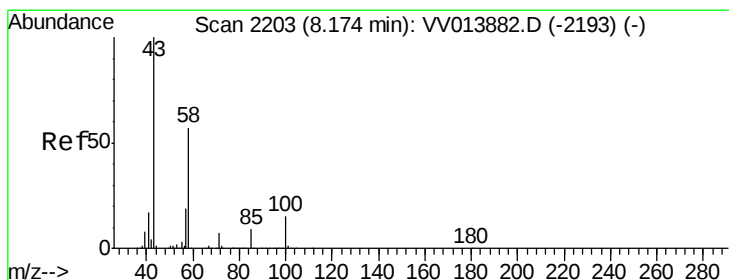
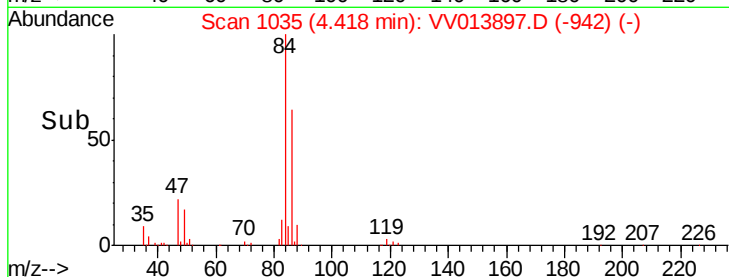
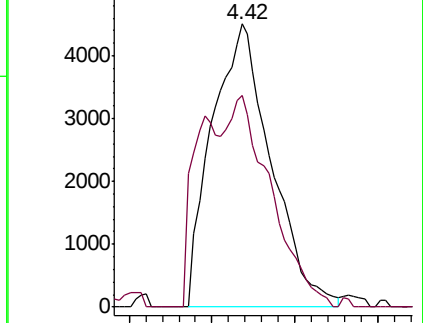
83 100

85 74.9 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV013882.D (-1013) (-)

Ion 85.00 (84.70 to 85.70): VV013882.D (-1013) (-)



#48

2-Hexanone

Concen: 2.292 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VV013897.D

Acq: 03 Dec 2019 16:44

Tgt Ion: 43 Resp: 10349

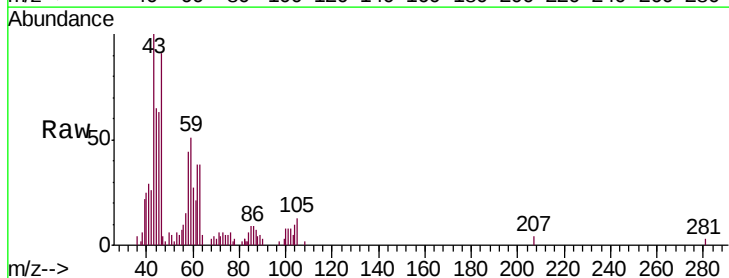
Ion Ratio Lower Upper

43 100

58 3.0 48.4 72.6#

57 0.0 16.6 24.8#

100 3.2 11.9 17.9#

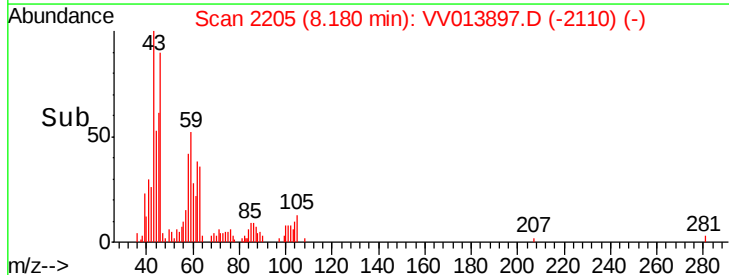
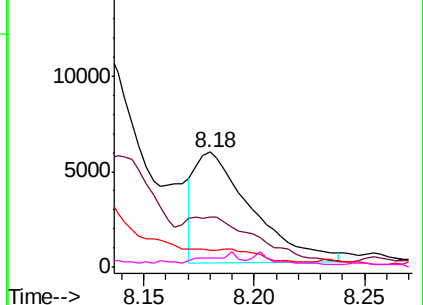


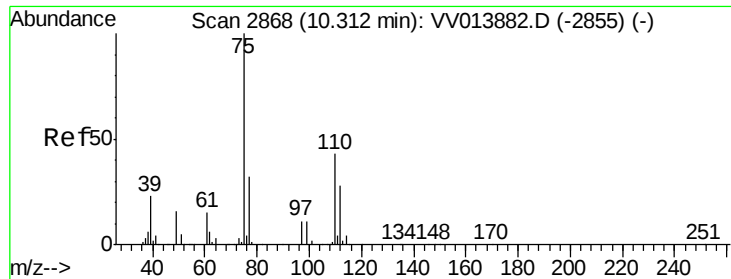
Abundance Ion 43.00 (42.70 to 43.70): VV013882.D (-2193) (-)

Ion 58.00 (57.70 to 58.70): VV013882.D (-2193) (-)

Ion 57.00 (56.70 to 57.70): VV013882.D (-2193) (-)

Ion 100.00 (99.70 to 100.70): VV013882.D (-2193) (-)





#59

1,2,3-Trichloropropane

Concen: 4.047 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV013897.D

Acq: 03 Dec 2019 16:44

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 23774

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.8

