

Data File : VV009404.D
Acq On : 27 Feb 2019 17:50
Operator : SY/MD
Sample : K1626-13
Misc : 4.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC90

Quant Time: Feb 28 04:37:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	158629	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136523	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38982	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.12%
7) Chloroethane-d5	1.58	69	45898	17.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.76%
10) 1,1-Dichloroethene-d2	2.13	63	86820	16.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.80%
20) 2-Butanone-d5	3.95	46	18319	30.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.94%
24) Chloroform-d	4.40	84	92308	23.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.08	65	51572	24.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.92%
29) Benzene-d6	5.10	84	188009	25.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.64%
33) 1,2-Dichloropropane-d6	6.12	67	58782	27.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.56%
37) Toluene-d8	7.36	98	173737	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.84%
38) trans-1,3-Dichloropropene-	7.67	79	19444	18.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.16%
39) 2-Hexanone-d5	8.13	63	15037	33.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40151	19.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	37279	21.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.92%

Target Compounds

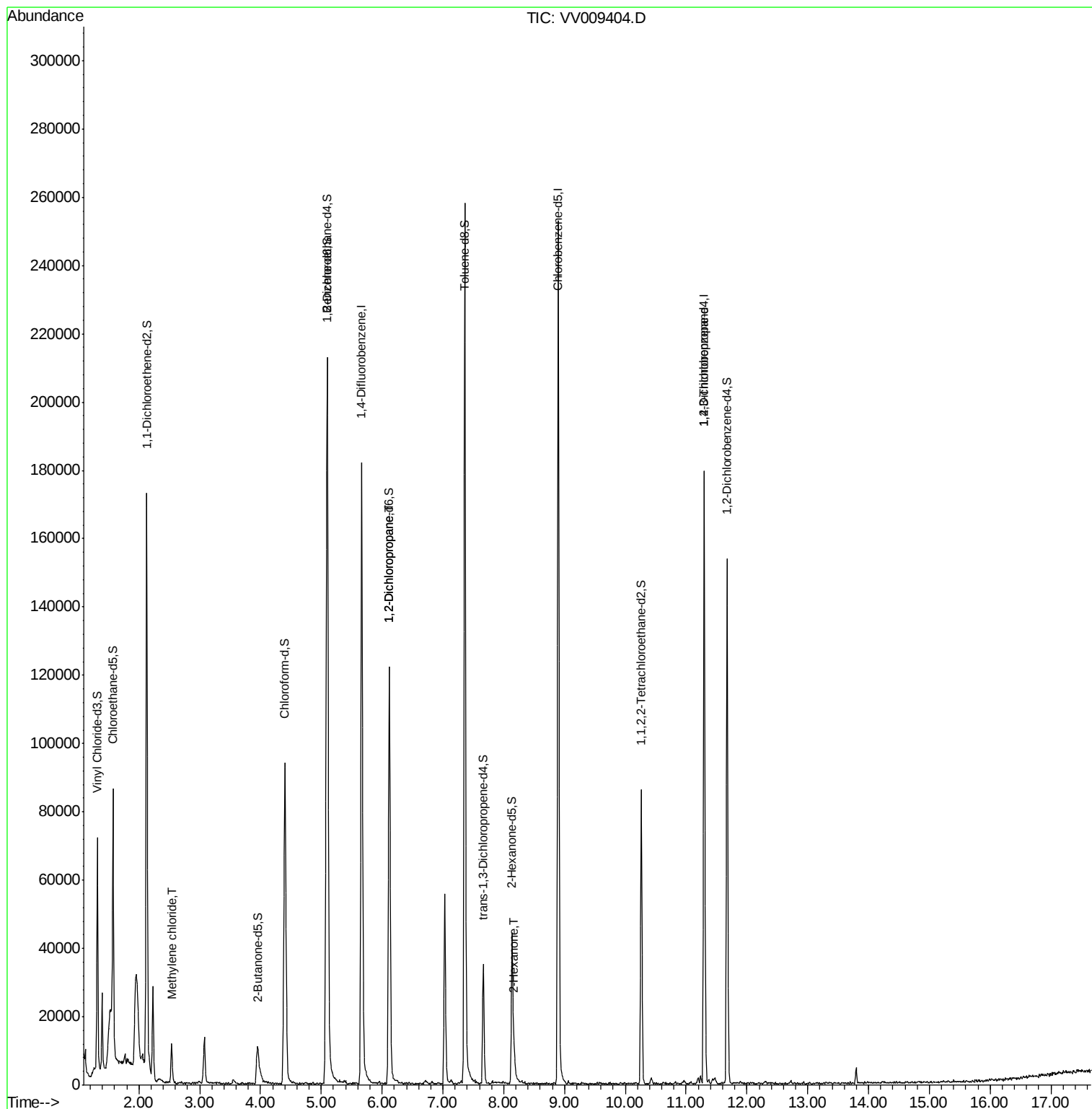
					Qvalue
16) Methylene chloride	2.54	84	4807	2.237 ug/L	94
40) 1,2-Dichloropropane	6.12	63	6716	3.552 ug/L #	89
49) 2-Hexanone	8.17	43	4842	4.289 ug/L #	39
59) 1,2,3-Trichloropropane	11.29	75	6822	4.509 ug/L	97

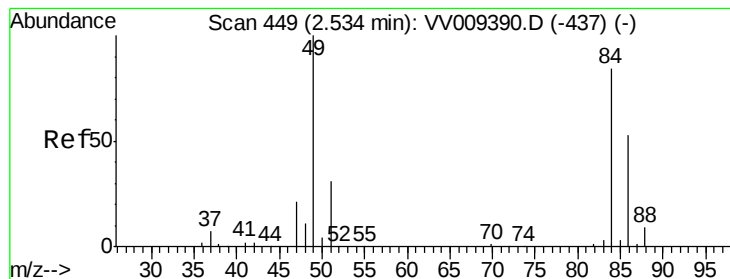
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.237 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

BFC90

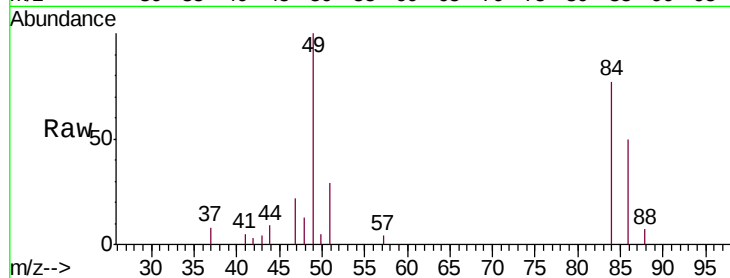
Tgt Ion: 84 Resp: 4807

Ion Ratio Lower Upper

84 100

49 130.4 84.6 157.0

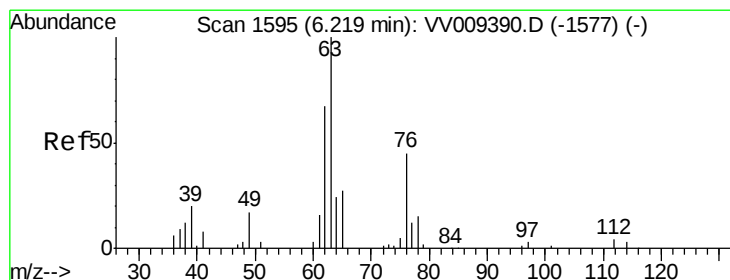
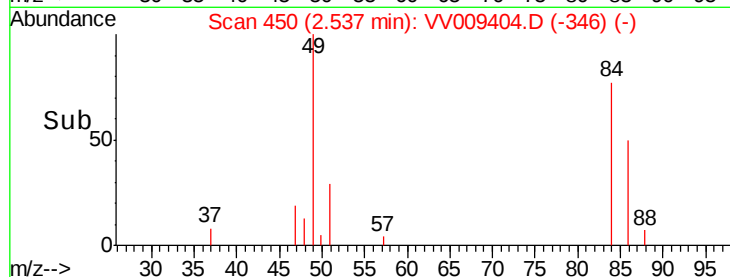
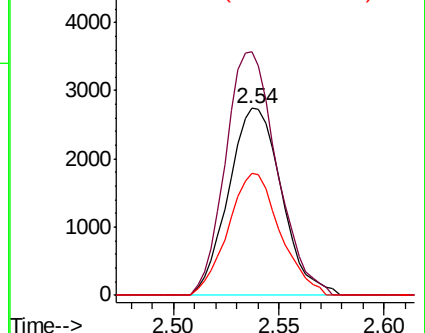
86 65.4 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009390.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009390.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009390.D (-437) (-)



#40

1,2-Dichloropropane

Concen: 3.552 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV009404.D

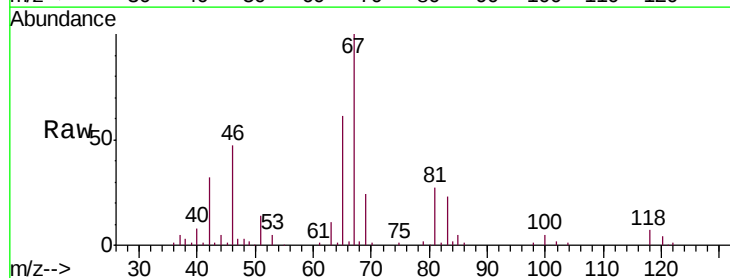
Acq: 27 Feb 2019 17:50

Tgt Ion: 63 Resp: 6716

Ion Ratio Lower Upper

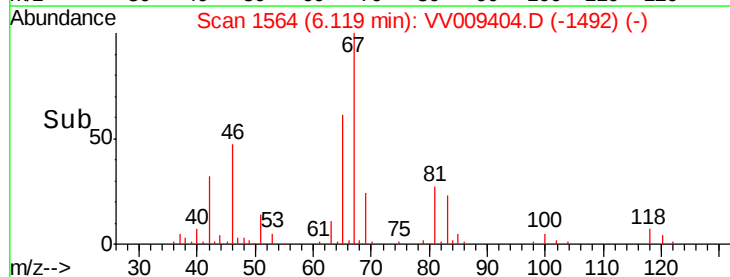
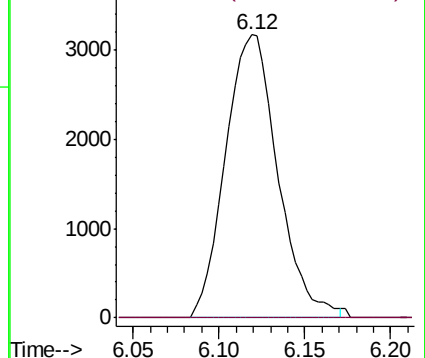
63 100

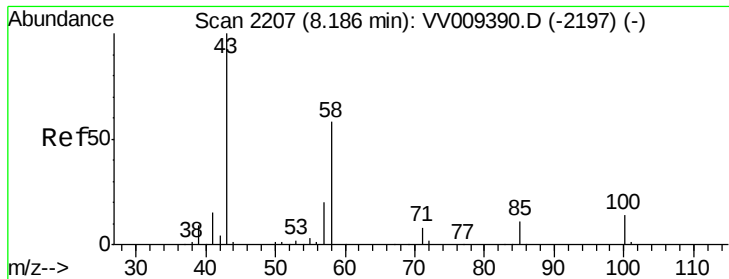
112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VV009390.D (-1577) (-)

Ion 112.00 (111.70 to 112.70): VV009390.D (-1577) (-)

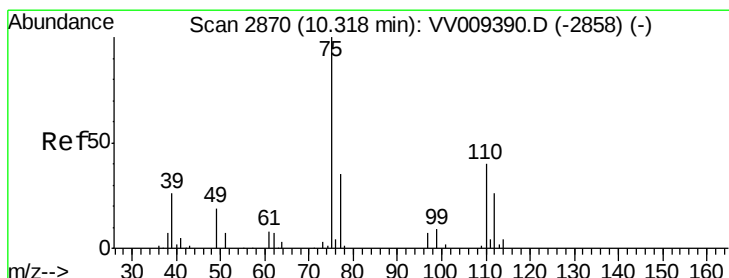
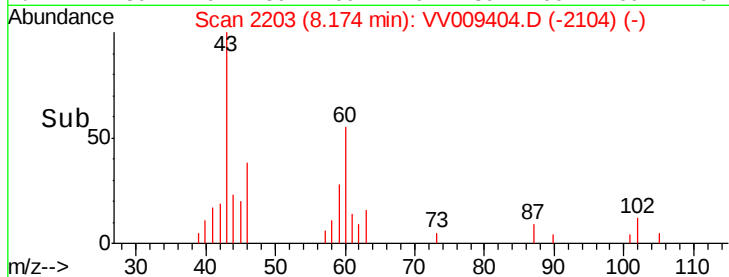
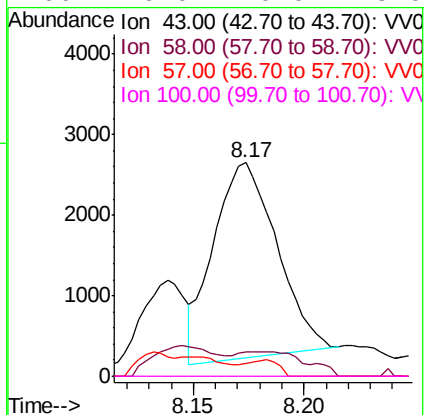
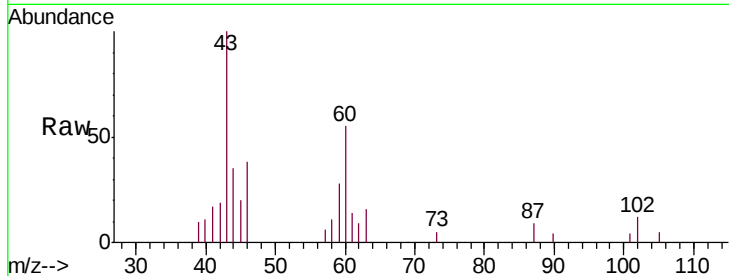




#49
2-Hexanone
Concen: 4.289 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.01 min
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MSVOA_V
ClientSampled :
BFC90

Tgt Ion: 43 Resp: 4842
Ion Ratio Lower Upper
43 100
58 0.9 46.3 69.5#
57 4.1 15.8 23.6#
100 0.0 10.0 15.0#



#59
1,2,3-Trichloropropane
Concen: 4.509 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV009404.D
Acq: 27 Feb 2019 17:50

Tgt Ion: 75 Resp: 6822
Ion Ratio Lower Upper
75 100
77 34.0 25.9 38.9

