

Data File : VV013095.D
Acq On : 10 Oct 2019 17:06
Operator : SY/MD
Sample : K5262-14
Misc : 3.73G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFBB0

Quant Time: Oct 11 07:34:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 11 07:31:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	624862	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	465055	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	116285	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	179207	18.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.92%
7) Chloroethane-d5	1.58	69	183200	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
10) 1,1-Dichloroethene-d2	2.13	63	248557	15.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.68%
20) 2-Butanone-d5	3.96	46	91505	27.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.66%
24) Chloroform-d	4.40	84	402649	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	5.08	65	230642	23.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.44%
29) Benzene-d6	5.10	84	760050	29.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.08%
33) 1,2-Dichloropropane-d6	6.11	67	258702	31.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.16%#
37) Toluene-d8	7.36	98	568763	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.52%
38) trans-1,3-Dichloropropene-	7.66	79	61224	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.04%
39) 2-Hexanone-d5	8.13	63	48210	29.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	165259	21.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	103103	22.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.28%

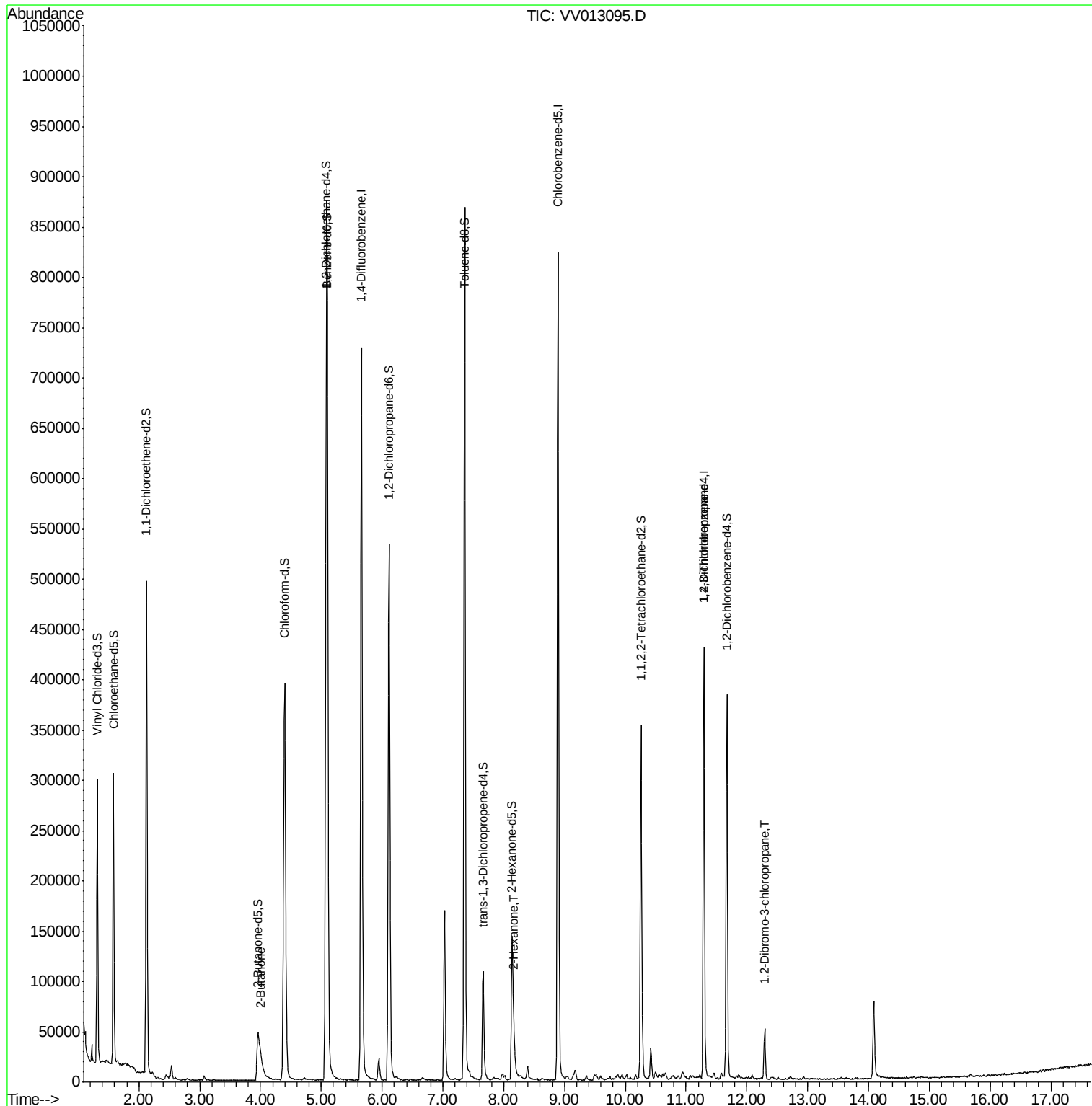
Target Compounds					Qvalue	
21) 2-Butanone	4.01	43	24096	5.819	ug/L #	53
49) 2-Hexanone	8.17	43	13141	3.152	ug/L #	36
59) 1,2,3-Trichloropropane	11.29	75	13491	2.312	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.29	75	1267	2.093	ug/L #	14

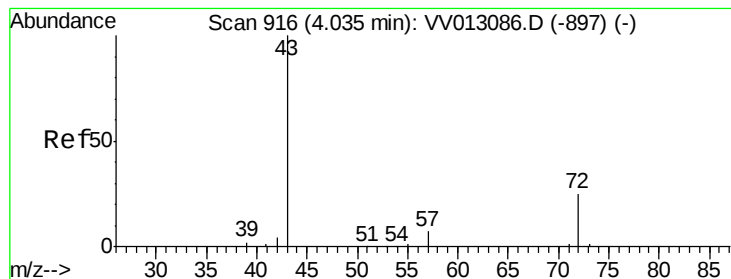
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 5.819 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.02 min

Lab File: VV013095.D

Acq: 10 Oct 2019 17:06

Instrument :

MSVOA_V

ClientSampled :

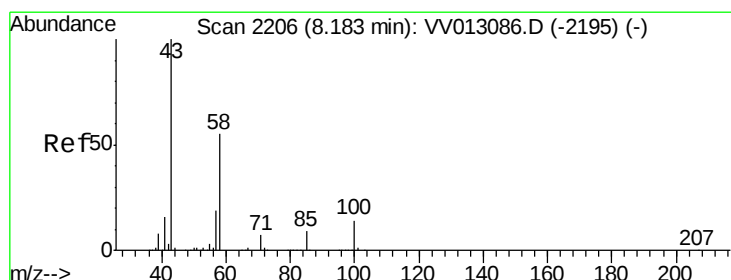
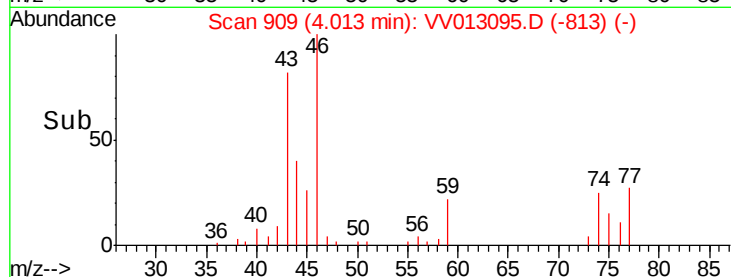
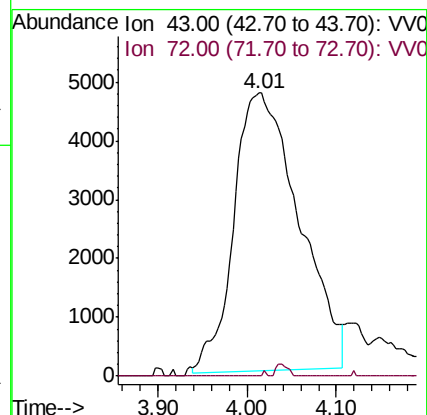
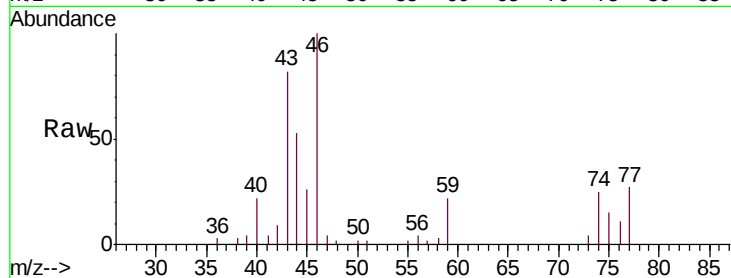
BFBB0

Tgt Ion: 43 Resp: 24096

Ion Ratio Lower Upper

43 100

72 0.8 11.9 35.9#



#49

2-Hexanone

Concen: 3.152 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. -0.01 min

Lab File: VV013095.D

Acq: 10 Oct 2019 17:06

Tgt Ion: 43 Resp: 13141

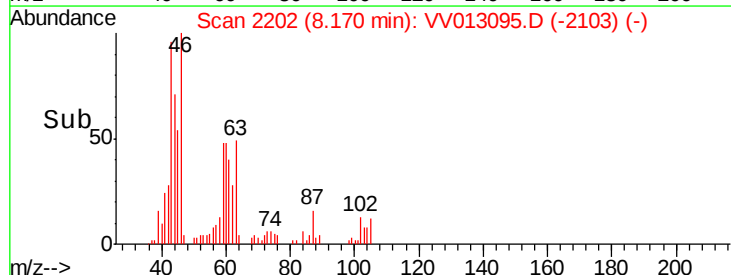
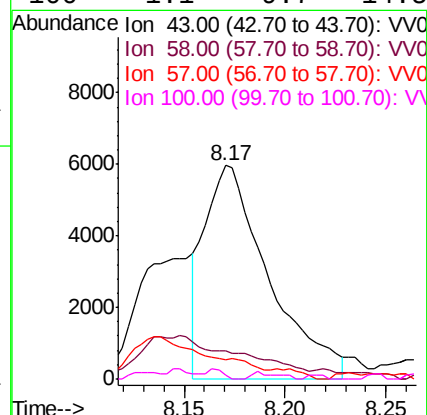
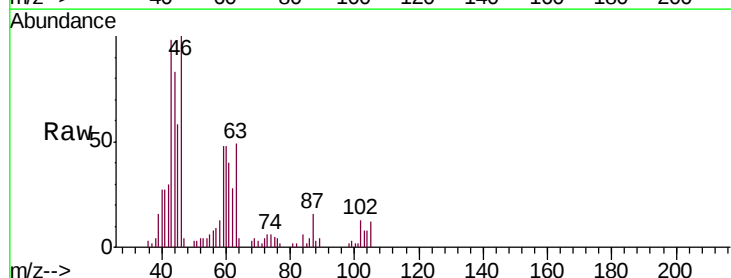
Ion Ratio Lower Upper

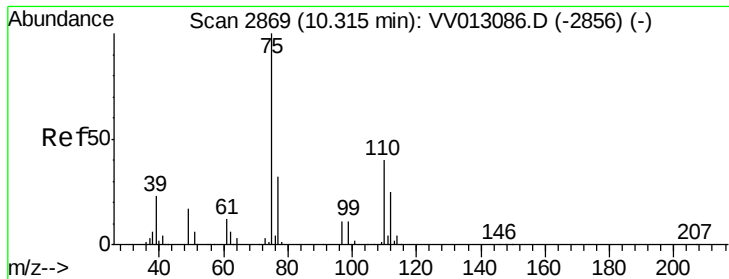
43 100

58 0.0 46.5 69.7#

57 0.0 15.5 23.3#

100 1.1 9.7 14.5#

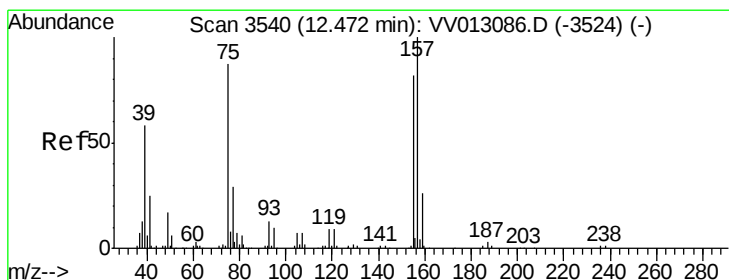
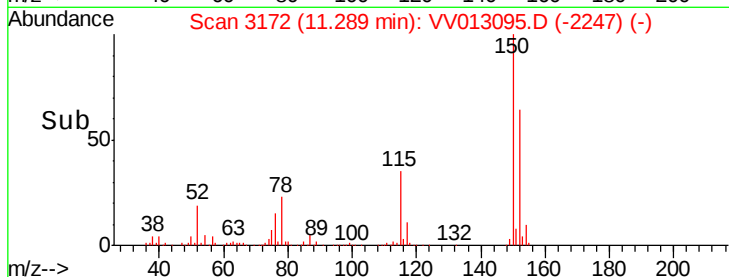
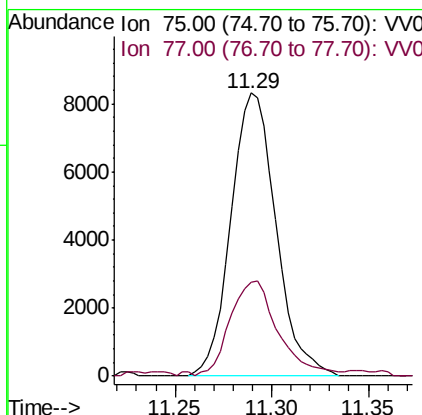
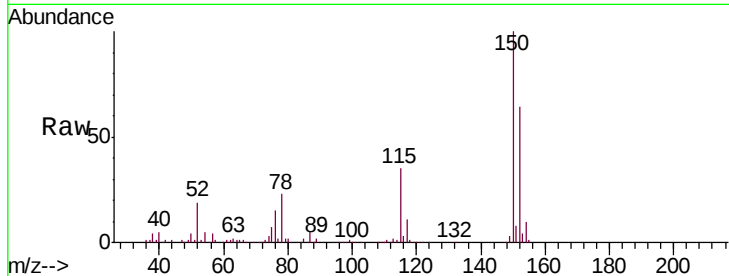




#59
 1,2,3-Trichloropropane
 Concen: 2.312 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.97 min
 Lab File: VV013095.D
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Tgt Ion: 75 Resp: 13491
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.4 38.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.093 ug/L
 RT: 12.29 min Scan# 3484
 Delta R.T. -0.18 min
 Lab File: VV013095.D
 Acq: 10 Oct 2019 17:06

Tgt Ion: 75 Resp: 1267
 Ion Ratio Lower Upper
 75 100
 157 0.0 91.7 137.5#
 155 32.7 70.8 106.2#

