

Data File : VV011157.D
Acq On : 31 May 2019 01:13
Operator : SY/MD
Sample : K3081-01
Misc : 5.72G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALD1

Quant Time: May 31 01:49:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	346122	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	331076	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	132141	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90721	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.48%
7) Chloroethane-d5	1.56	69	77805	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
10) 1,1-Dichloroethene-d2	2.12	63	150719	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	3.94	46	69850	40.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.62%
24) Chloroform-d	4.40	84	207548	24.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.12%
26) 1,2-Dichloroethane-d4	5.08	65	126757	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.96%
29) Benzene-d6	5.09	84	425021	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
33) 1,2-Dichloropropane-d6	6.12	67	138499	24.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.16%
37) Toluene-d8	7.36	98	389315	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.80%
38) trans-1,3-Dichloropropene-	7.66	79	54759	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.00%
39) 2-Hexanone-d5	8.13	63	56425	43.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	110882	21.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	112550	22.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.04%

Target Compounds

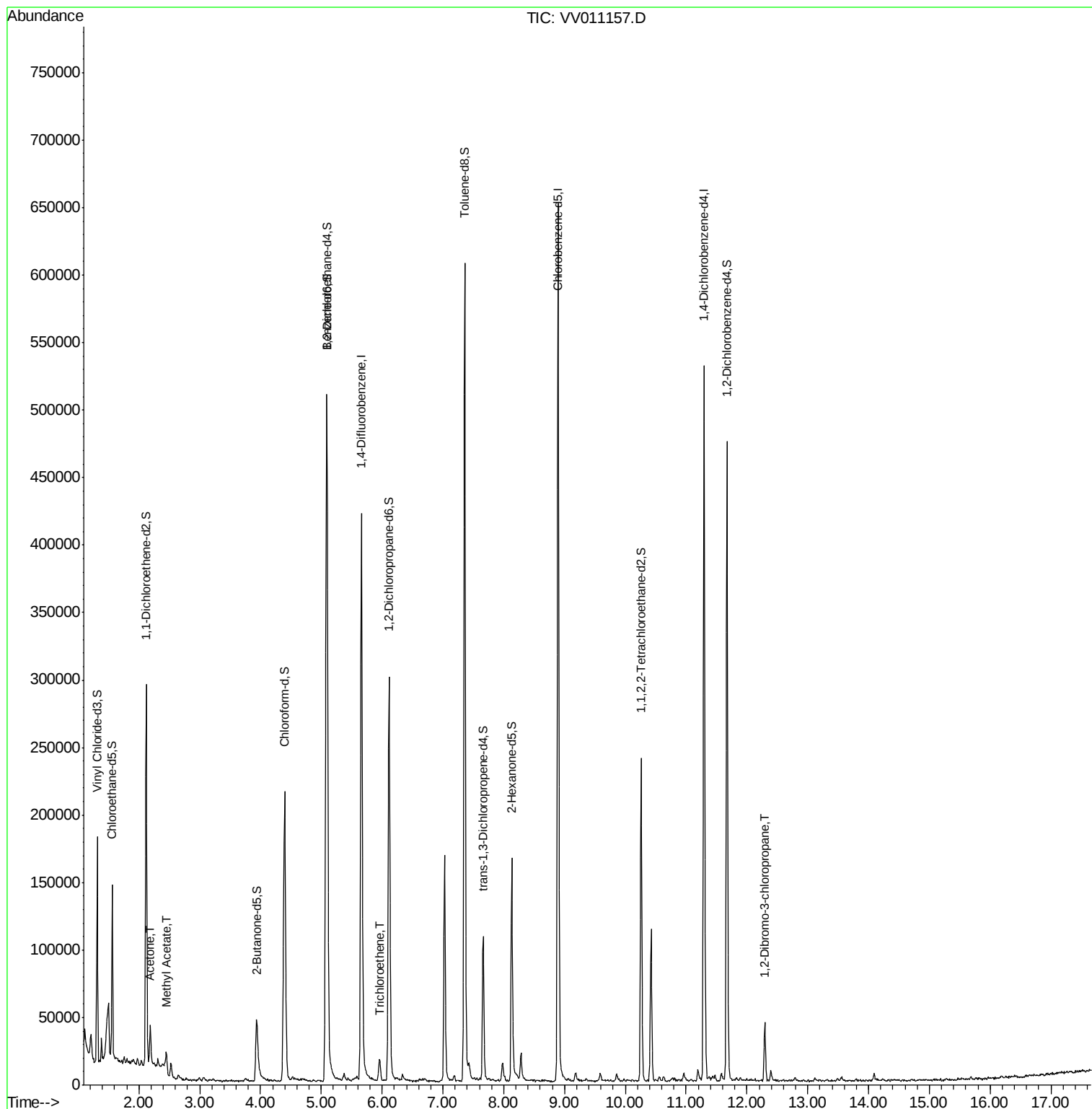
					Qvalue
13) Acetone	2.19	43	25710	12.912 ug/L	99
15) Methyl Acetate	2.46	43	13199	4.405 ug/L	94
35) Trichloroethene	5.96	95	5154	1.002 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.29	75	1678	2.134 ug/L #	5

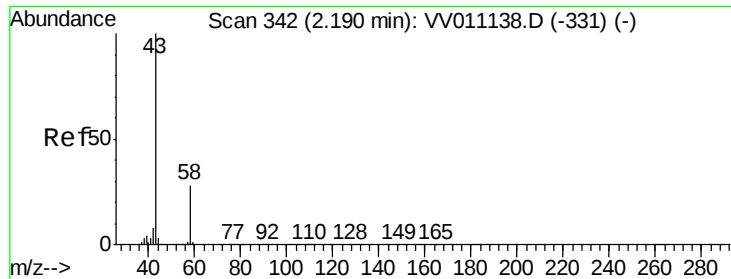
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.912 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

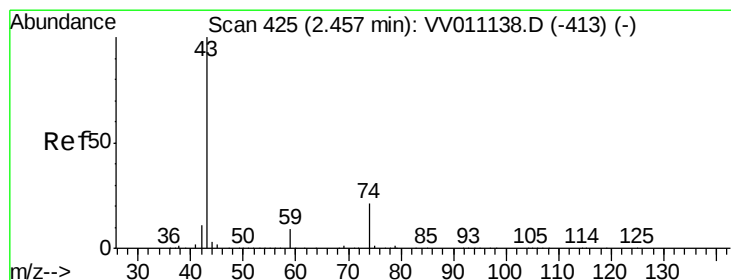
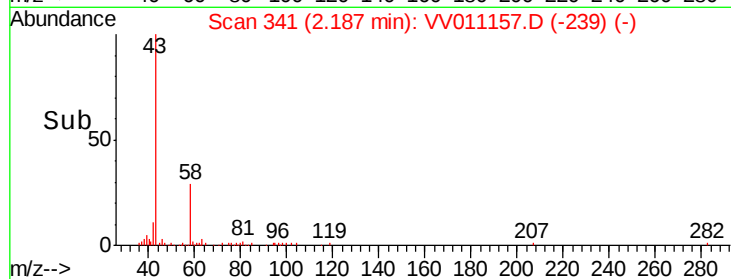
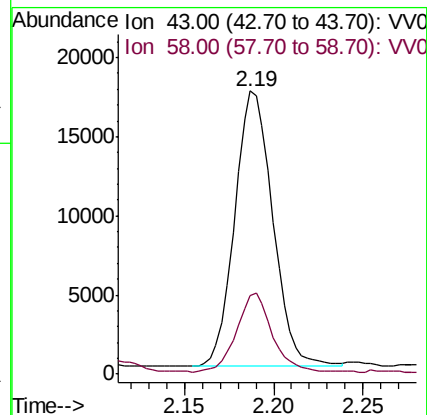
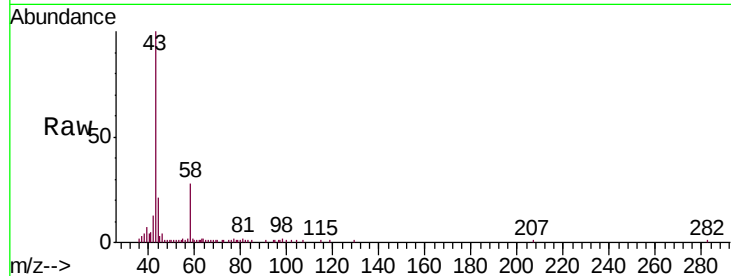
GALD1

Tgt Ion: 43 Resp: 25710

Ion Ratio Lower Upper

43 100

58 26.4 0.0 53.8



#15

Methyl Acetate

Concen: 4.405 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

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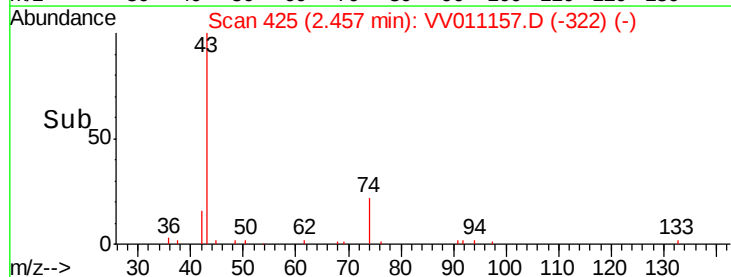
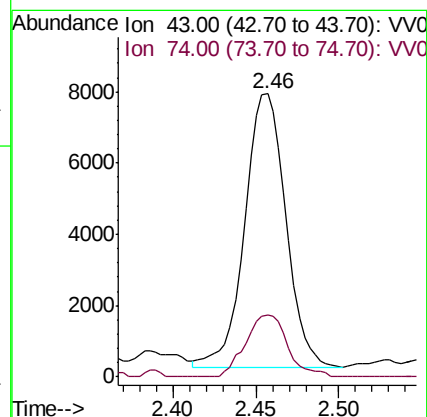
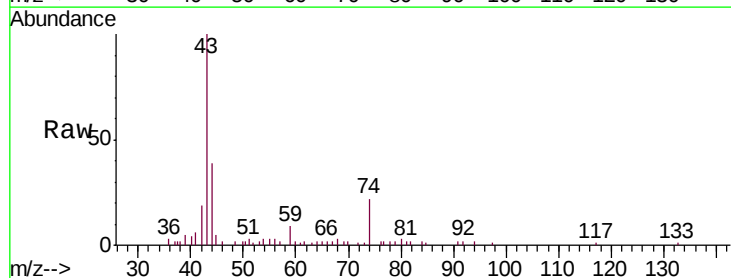
Acq: 31 May 2019 01:13

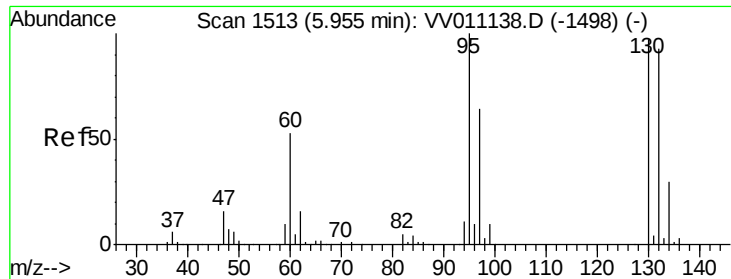
Tgt Ion: 43 Resp: 13199

Ion Ratio Lower Upper

43 100

74 23.1 16.2 24.4





#35

Trichloroethene

Concen: 1.002 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011157.D

Acq: 31 May 2019 01:13

Instrument :

MSVOA_V

ClientSampleId :

GALD1

Tgt Ion: 95 Resp: 5154

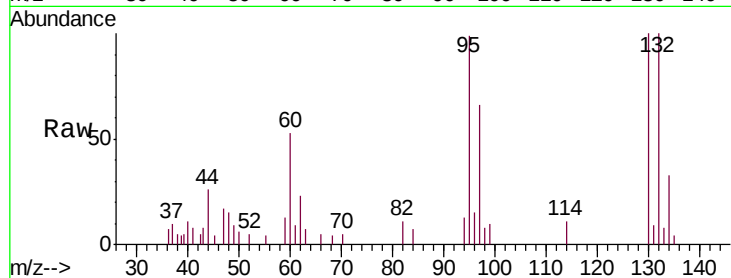
Ion Ratio Lower Upper

95 100

97 66.3 44.4 82.5

132 92.5 66.0 122.6

130 96.4 67.4 125.2



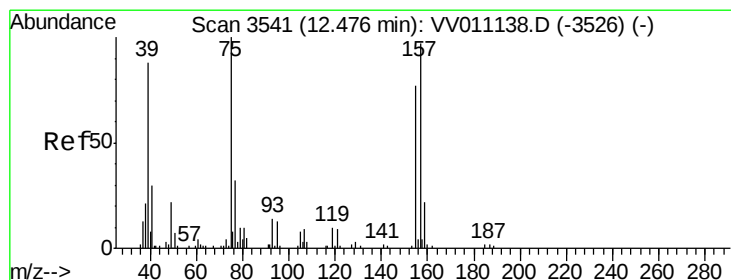
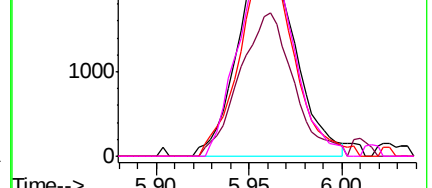
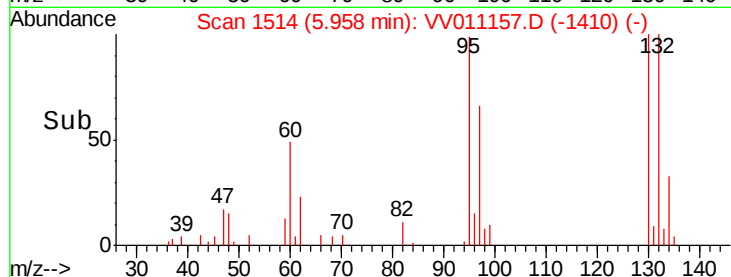
Abundance Ion 95.00 (94.70 to 95.70): VV011138.D (-1498) (-)

Ion 97.00 (96.70 to 97.70): VV011138.D (-1498) (-)

Ion 132.00 (131.70 to 132.70): VV011138.D (-1498) (-)

Ion 130.00 (129.70 to 130.70): VV011138.D (-1498) (-)

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 2.134 ug/L

RT: 12.29 min Scan# 3484

Delta R.T. -0.18 min

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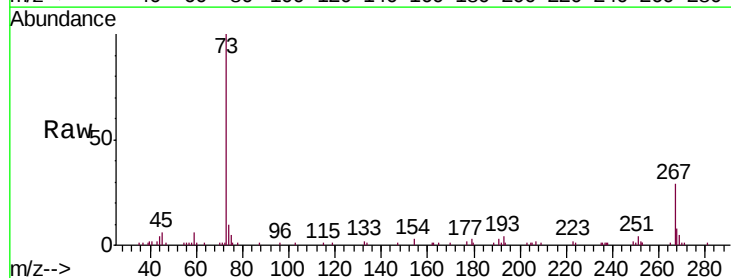
Tgt Ion: 75 Resp: 1678

Ion Ratio Lower Upper

75 100

157 0.0 79.6 119.4#

155 0.0 62.4 93.6#



Abundance Ion 75.00 (74.70 to 75.70): VV011138.D (-3526) (-)

Ion 157.00 (156.70 to 157.70): VV011138.D (-3526) (-)

Ion 155.00 (154.70 to 155.70): VV011138.D (-3526) (-)

Time-->

