

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101419\
 Data File : VV013149.D
 Acq On : 14 Oct 2019 18:28
 Operator : SY/MD
 Sample : K5347-09DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 15 05:11:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 05:07:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	678489	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	646097	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	226613	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	178499	41.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.24%
7) Chloroethane-d5	1.58	69	158680	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.28%
11) 1,1-Dichloroethene-d2	2.13	63	243410	30.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.18%
21) 2-Butanone-d5	3.97	46	325146	100.83	ug/L	0.06
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.83%
24) Chloroform-d	4.40	84	406969	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
26) 1,2-Dichloroethane-d4	5.08	65	262516	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
32) Benzene-d6	5.10	84	833032	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
36) 1,2-Dichloropropane-d6	6.12	67	269586	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.84%
41) Toluene-d8	7.36	98	686957	44.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.06%
43) trans-1,3-Dichloropropene-	7.66	79	106168	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.80%
47) 2-Hexanone-d5	8.14	63	191294	89.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	323787	46.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.92%
64) 1,2-Dichlorobenzene-d4	11.67	152	247670	55.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.56%

Target Compounds

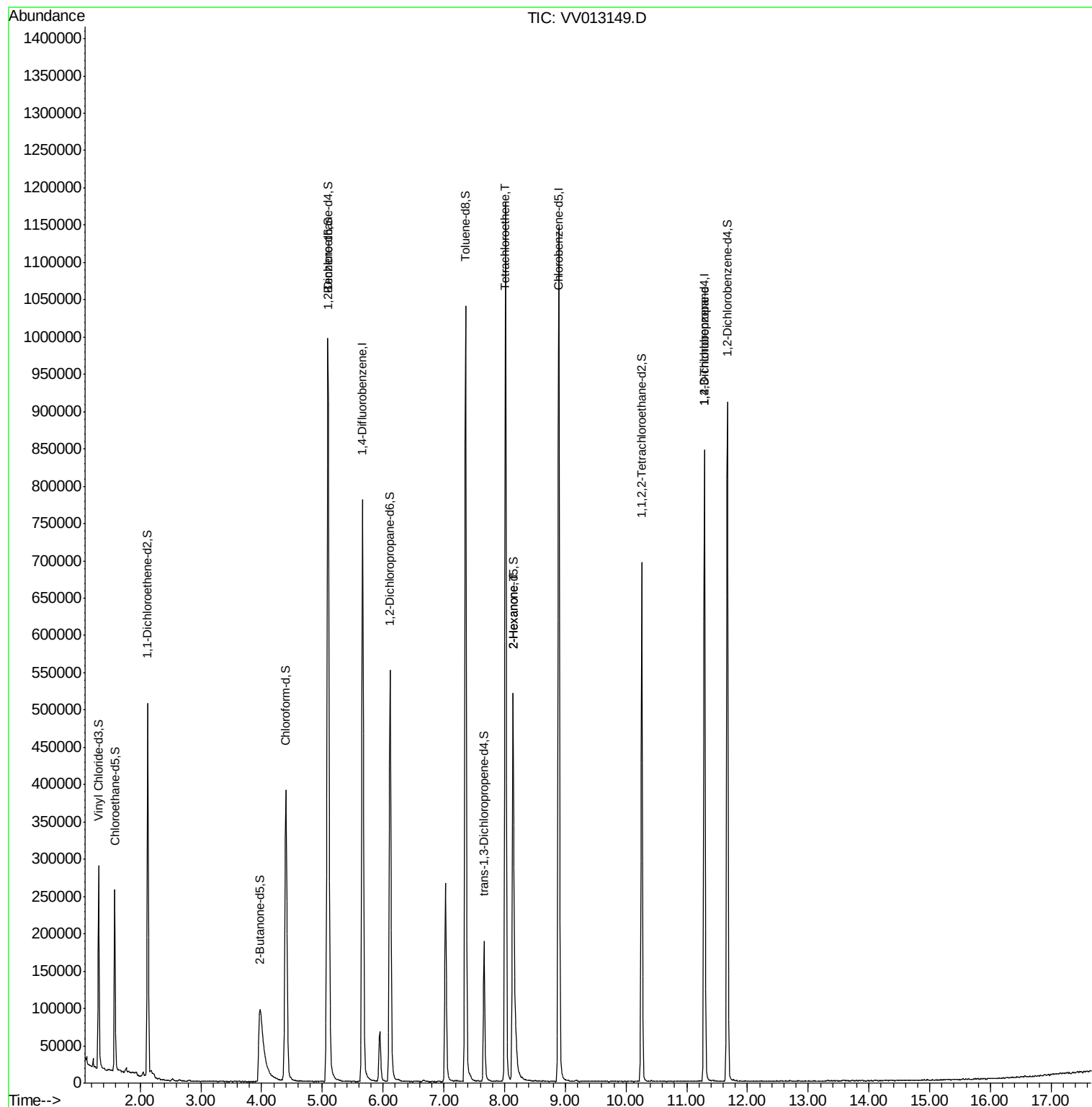
					Ovalue
46) Tetrachloroethene	8.02	164	276996	66.775 ug/L	96
48) 2-Hexanone	8.14	43	24583	4.766 ug/L #	78
59) 1,2,3-Trichloropropane	11.29	75	24952	4.022 ug/L	95

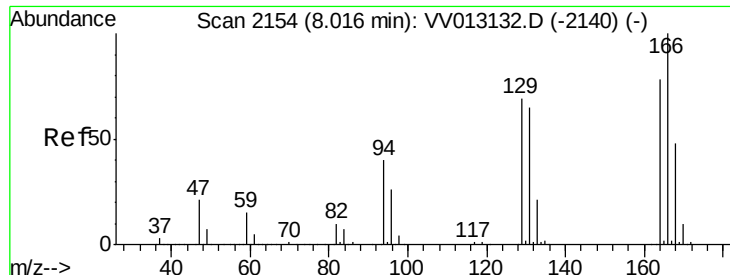
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#46

Tetrachloroethene

Concen: 66.775 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013149.D

Acq: 14 Oct 2019 18:28

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 276996

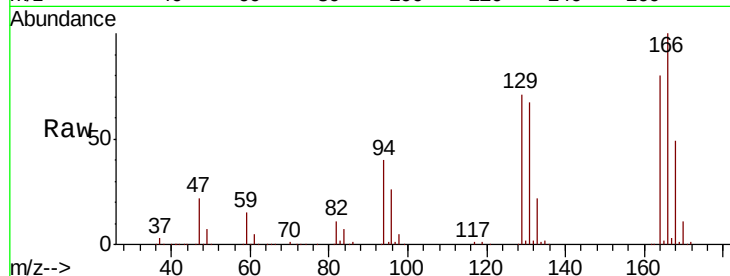
Ion Ratio Lower Upper

164 100

129 88.3 63.1 117.1

131 84.1 62.4 116.0

166 125.0 91.3 169.6

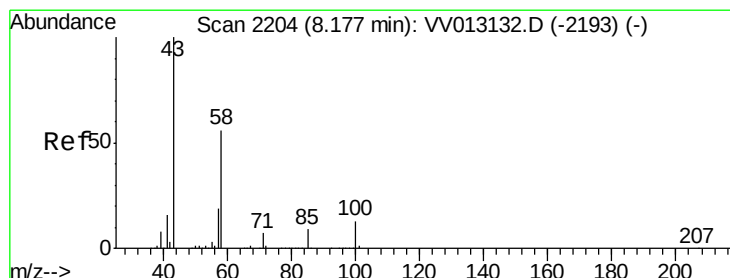
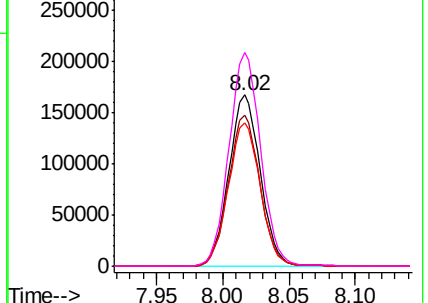
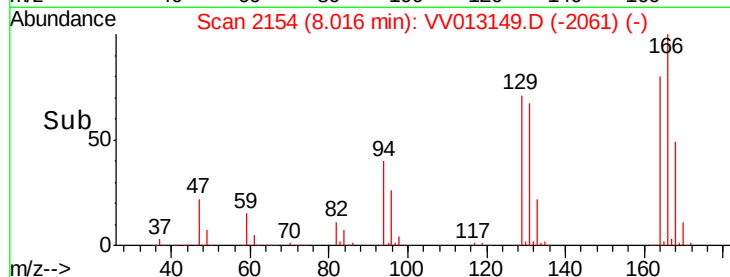


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.766 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

Lab File: VV013149.D

Acq: 14 Oct 2019 18:28

Tgt Ion: 43 Resp: 24583

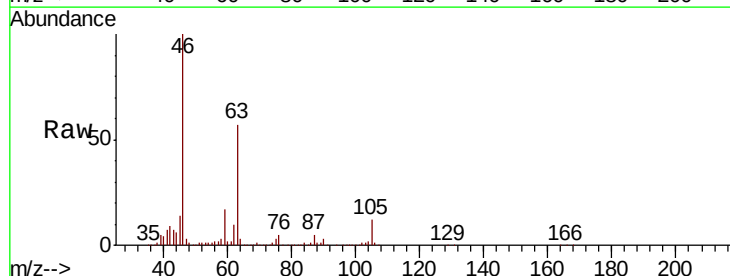
Ion Ratio Lower Upper

43 100

58 39.5 44.9 67.3#

57 27.3 15.0 22.6#

100 2.8 10.2 15.2#

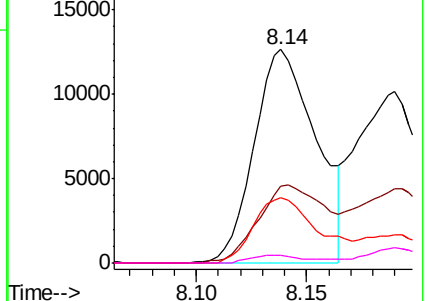
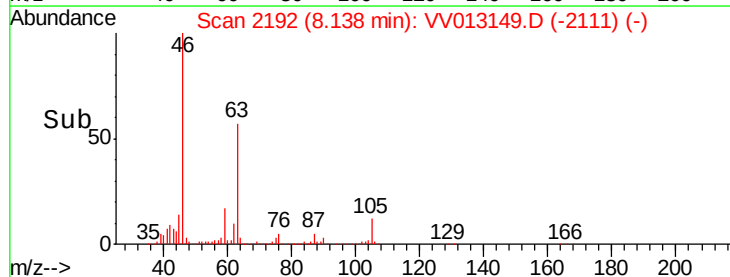


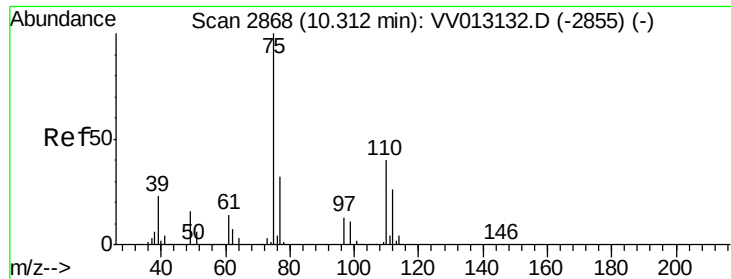
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 4.022 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV013149.D

Acq: 14 Oct 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 24952

Ion Ratio Lower Upper

75 100

77 35.1 25.7 38.5

