

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030667.D
 Acq On : 04 Apr 2019 07:16
 Operator : JC/SP
 Sample : K2246-06
 Misc : 5.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 08:08:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 07:55:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	588897	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	573765	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	272934	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141361	29.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.66%#
7) Chloroethane-d5	1.71	69	623	0.17	ug/L	0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.34%#
11) 1,1-Dichloroethene-d2	2.24	63	222916	24.80	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.60%#
21) 2-Butanone-d5	4.19	46	296288	66.50	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.50%
24) Chloroform-d	4.64	84	255046	31.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.46%#
26) 1,2-Dichloroethane-d4	5.30	65	177940	33.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.60%#
32) Benzene-d6	5.33	84	554313	33.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.38%#
36) 1,2-Dichloropropane-d6	6.32	67	194346	34.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.04%#
41) Toluene-d8	7.56	98	492421	33.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.64%#
43) trans-1,3-Dichloropropene-	7.85	79	78914	29.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.62%#
47) 2-Hexanone-d5	8.32	63	207382	67.98	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282826	35.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	188191	34.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.82%#

Target Compounds

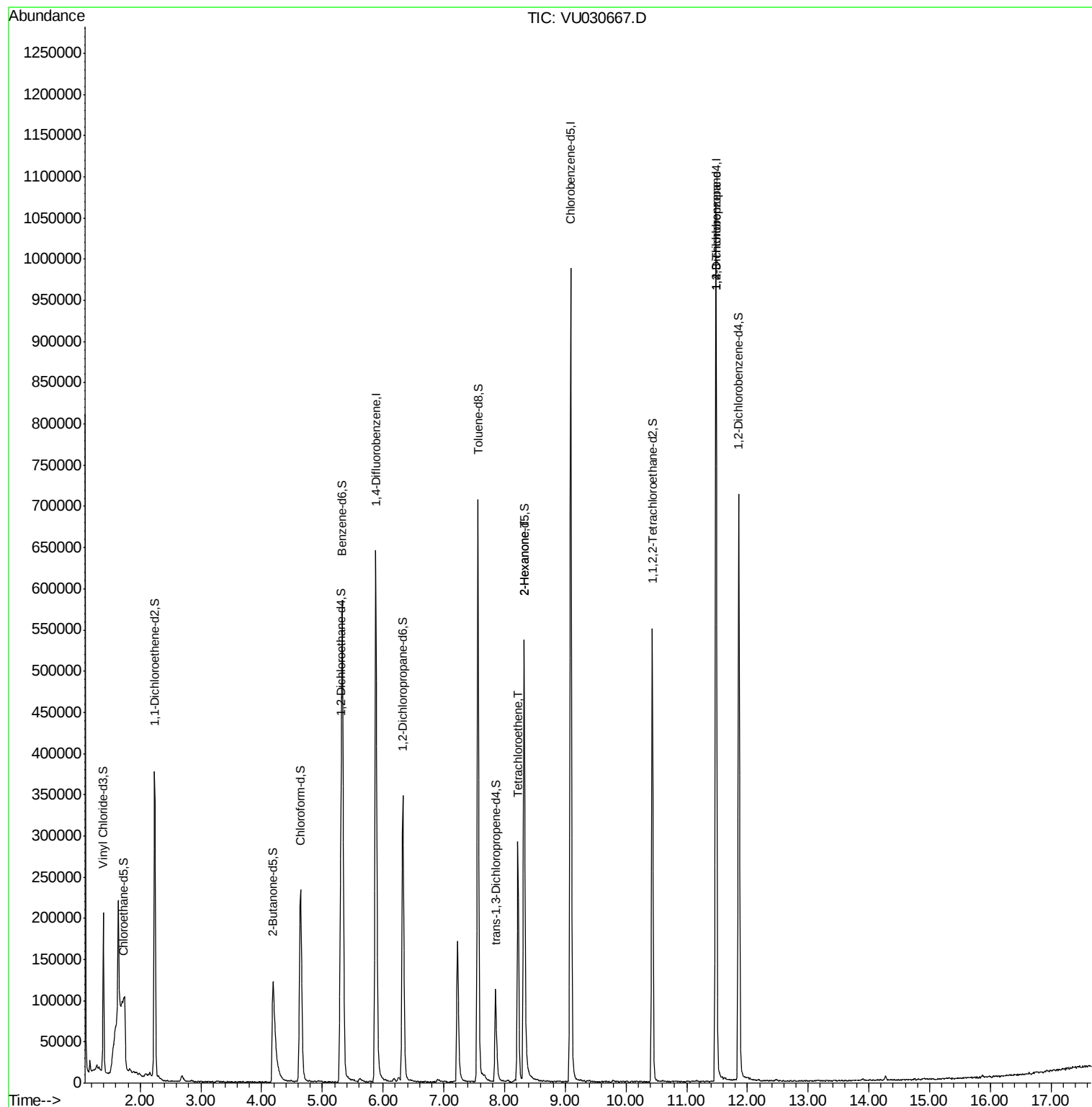
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
46) Tetrachloroethene	8.22	164	66901	19.949	ug/L	97
48) 2-Hexanone	8.32	43	26257	3.441	ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	33285	4.934	ug/L	92

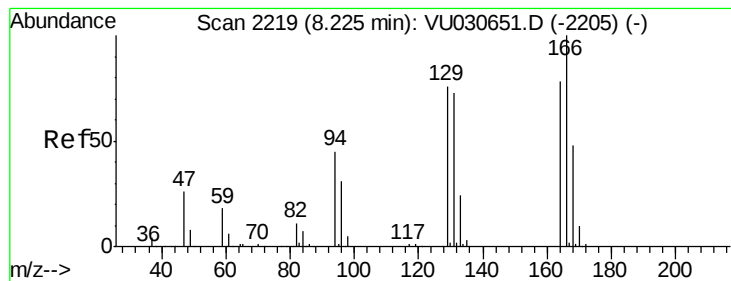
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 07:55:17 2019
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#46

Tetrachloroethene

Concen: 19.949 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030667.D

Acq: 04 Apr 2019 07:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 66901

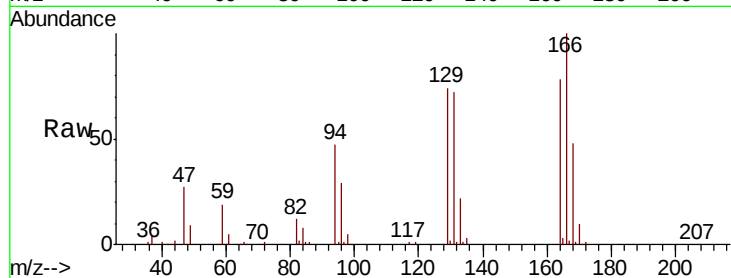
Ion Ratio Lower Upper

164 100

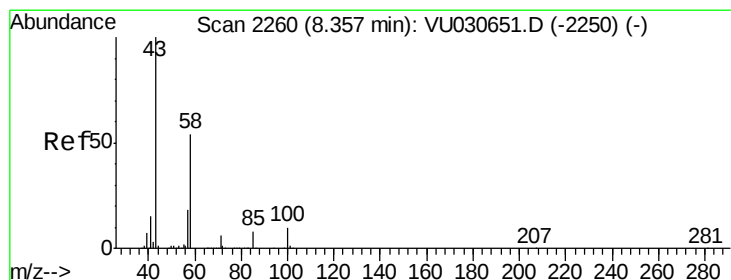
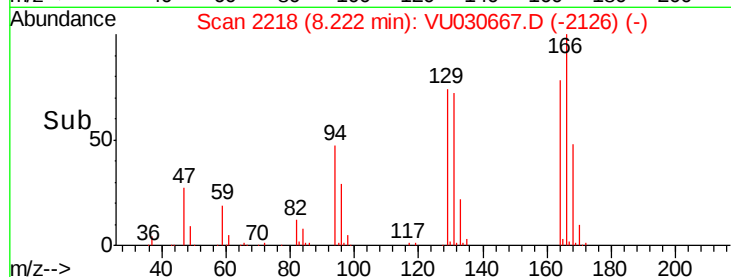
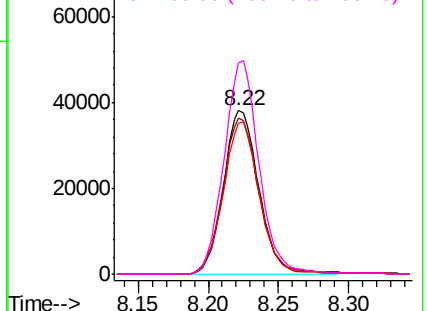
129 95.0 68.1 126.5

131 92.5 67.7 125.7

166 128.9 92.4 171.6



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: 3.441 ug/L

RT: 8.32 min Scan# 2250

Delta R.T. -0.03 min

Lab File: VU030667.D

Acq: 04 Apr 2019 07:16

Tgt Ion: 43 Resp: 26257

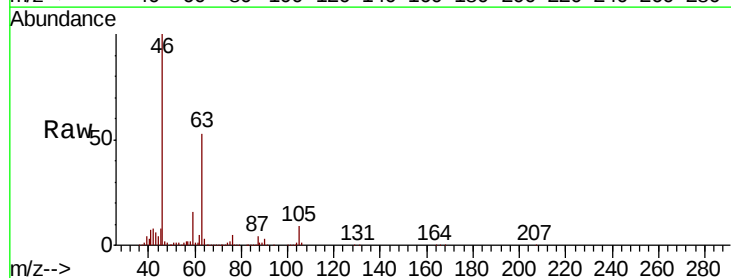
Ion Ratio Lower Upper

43 100

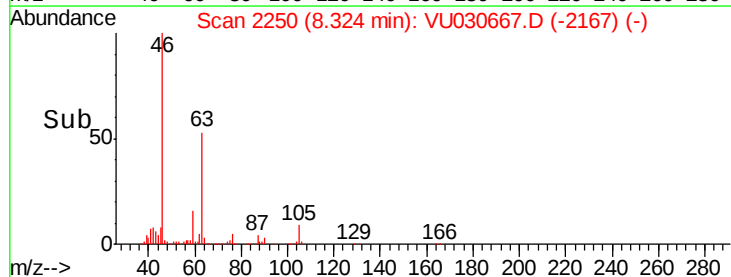
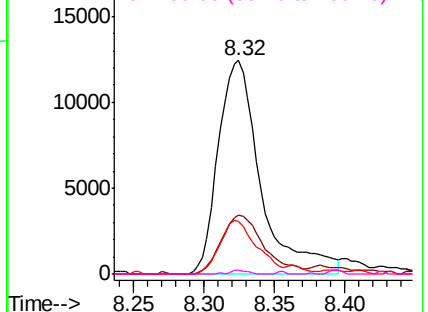
58 27.4 42.5 63.7#

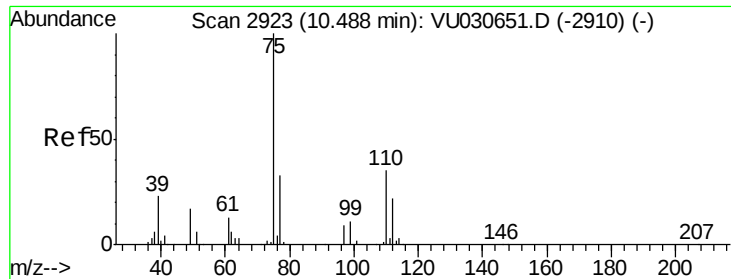
57 21.8 15.0 22.6

100 0.7 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.934 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030667.D

Acq: 04 Apr 2019 07:16

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 33285

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.2

