

Data File : VU030555.D
Acq On : 29 Mar 2019 20:31
Operator : JC/SP
Sample : K2166-19 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2L6

Quant Time: Mar 30 02:16:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	430153	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	412297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156448	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149598	43.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.42%
7) Chloroethane-d5	1.67	69	131862	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.12%
11) 1,1-Dichloroethene-d2	2.27	63	216405	32.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.90%
21) 2-Butanone-d5	4.18	46	337459	103.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.70%
24) Chloroform-d	4.65	84	285366	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	5.31	65	195739	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
32) Benzene-d6	5.34	84	554790	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
36) 1,2-Dichloropropane-d6	6.33	67	206745	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.22%
41) Toluene-d8	7.56	98	462728	43.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.16%
43) trans-1,3-Dichloropropene-	7.85	79	81769	42.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.98%
47) 2-Hexanone-d5	8.31	63	218261	99.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288253	49.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	155685	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%

Target Compounds

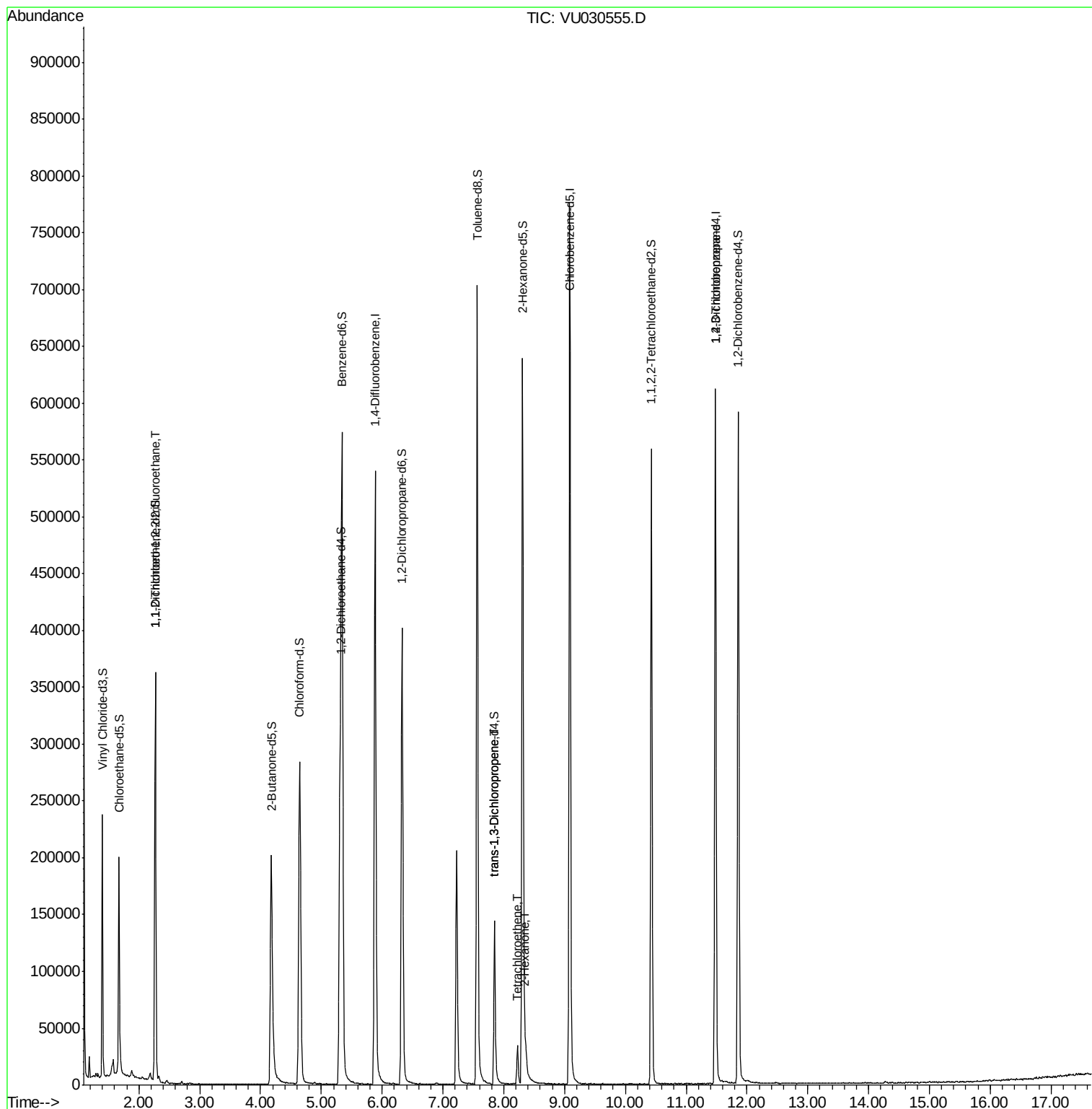
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1771	0.564	ug/L #	24
44) trans-1,3-Dichloropropene	7.85	75	3488	0.692	ug/L #	76
46) Tetrachloroethene	8.22	164	8164	3.388	ug/L	86
48) 2-Hexanone	8.36	43	7269	1.326	ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	20286	4.184	ug/L #	88

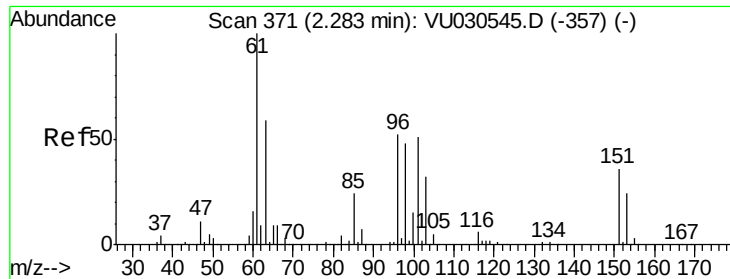
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.564 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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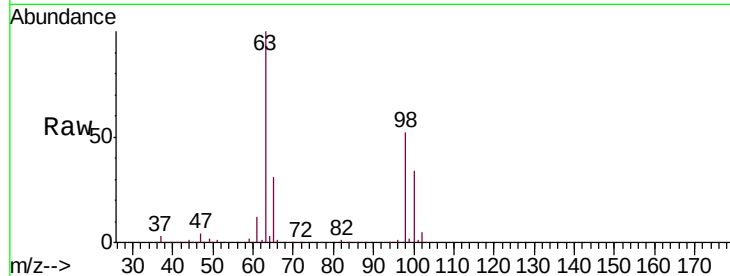
Tgt Ion:101 Resp: 1771

Ion Ratio Lower Upper

101 100

85 4.2 34.8 52.2#

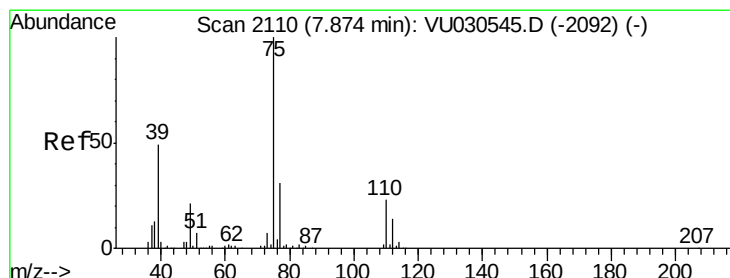
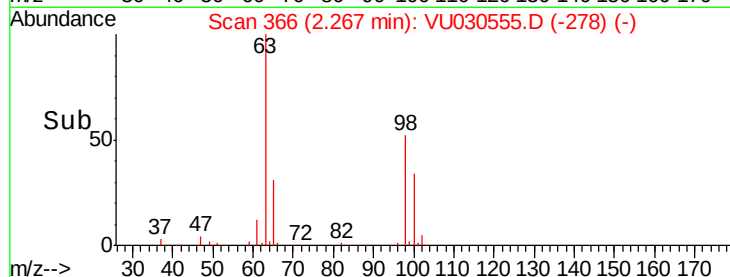
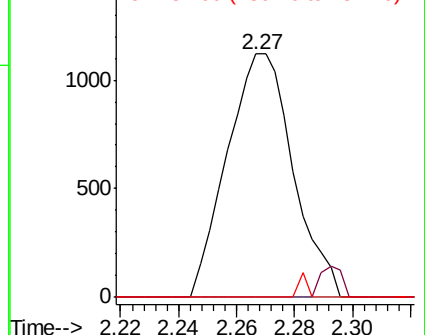
151 0.0 56.6 85.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.692 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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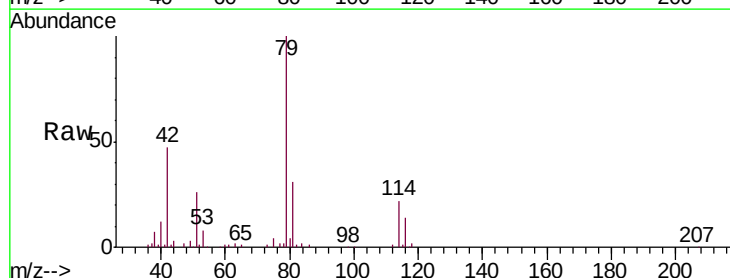
Acq: 29 Mar 2019 20:31

Tgt Ion: 75 Resp: 3488

Ion Ratio Lower Upper

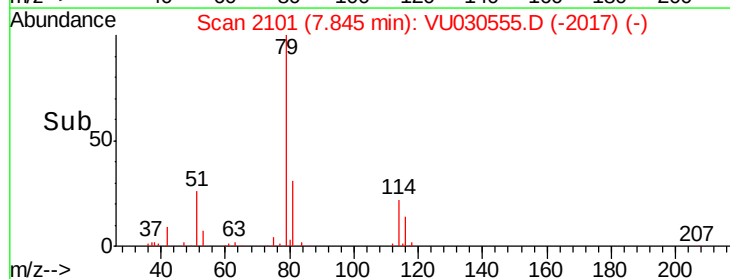
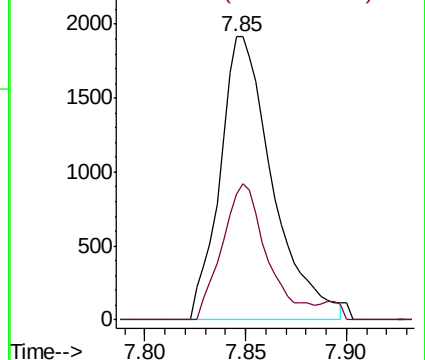
75 100

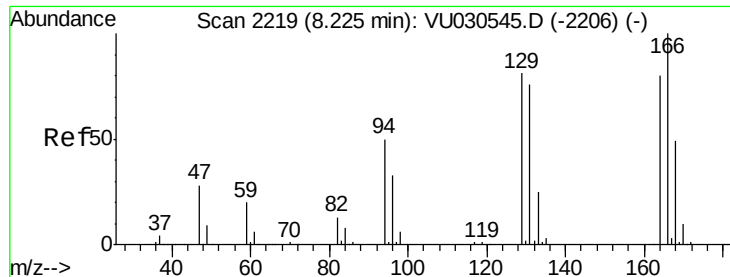
77 44.4 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 3.388 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

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Acq: 29 Mar 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

BF2L6

Tgt Ion:164 Resp: 8164

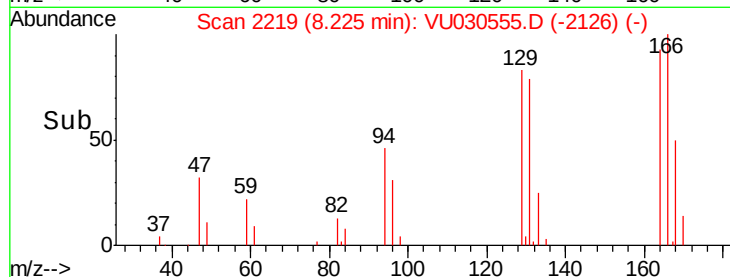
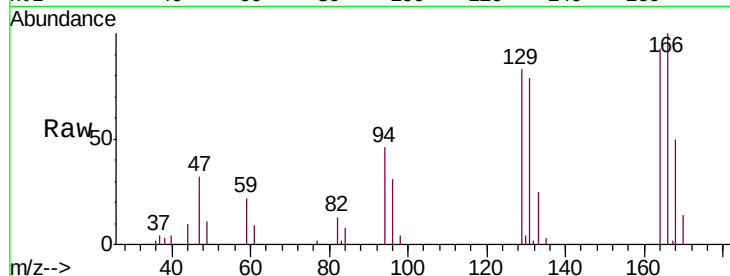
Ion Ratio Lower Upper

164 100

129 89.3 68.1 126.5

131 85.2 67.7 125.7

166 107.7 92.4 171.6

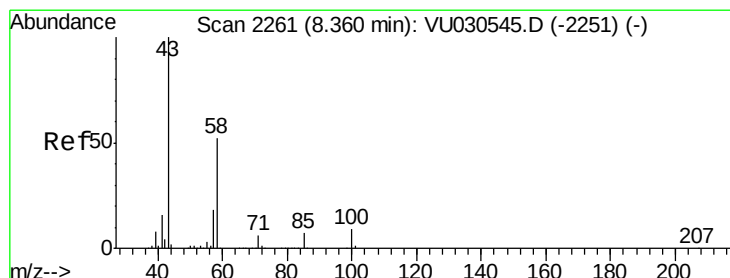
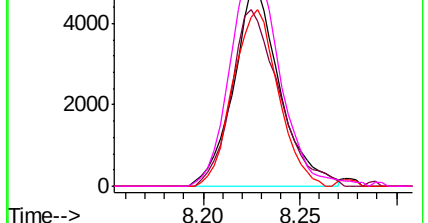


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.326 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. -0.00 min

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Acq: 29 Mar 2019 20:31

Tgt Ion: 43 Resp: 7269

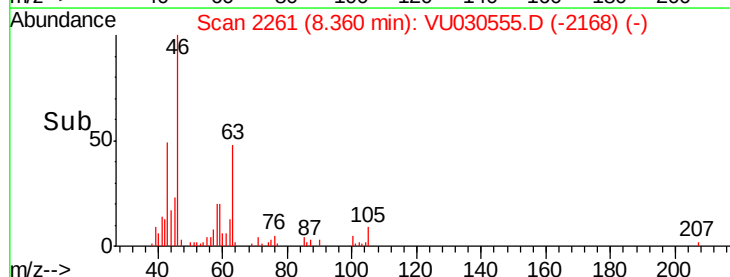
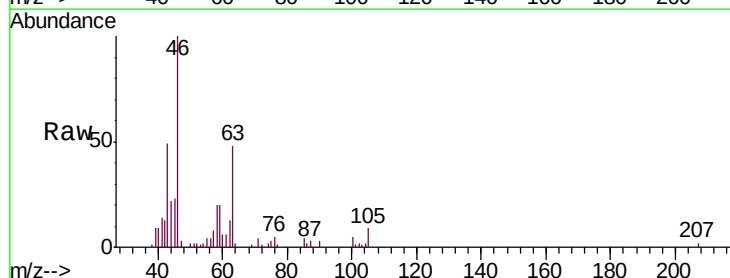
Ion Ratio Lower Upper

43 100

58 52.8 42.5 63.7

57 9.4 15.0 22.6#

100 8.4 7.4 11.2

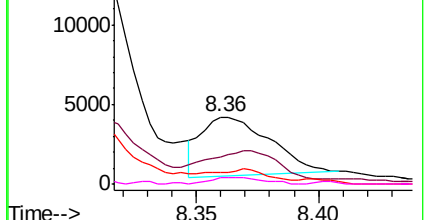


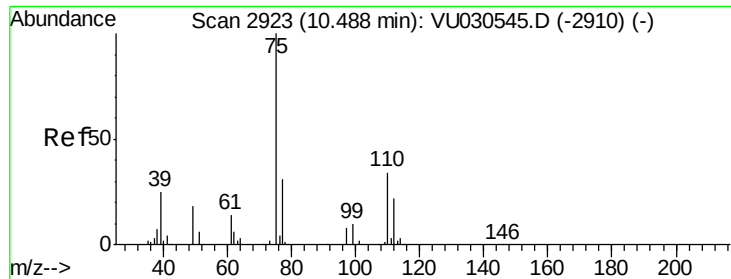
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 4.184 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030555.D

Acq: 29 Mar 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

BF2L6

Tgt Ion: 75 Resp: 20286

Ion Ratio Lower Upper

75 100

77 38.2 25.4 38.2#

