

Data File : VU031759.D
Acq On : 03 May 2019 18:46
Operator : JC/SP
Sample : K2595-05 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XD5

Quant Time: May 04 02:41:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	794061	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	745637	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	293499	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	334395	50.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.64%
7) Chloroethane-d5	1.68	69	256993	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.08%
11) 1,1-Dichloroethene-d2	2.27	63	483248	36.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.02%
21) 2-Butanone-d5	4.19	46	639532	106.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.21%
24) Chloroform-d	4.64	84	559533	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.31	65	387388	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
32) Benzene-d6	5.34	84	1118237	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.32	67	400189	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.36%
41) Toluene-d8	7.56	98	942173	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	7.85	79	158141	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.46%
47) 2-Hexanone-d5	8.31	63	390779	112.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	516632	47.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	294171	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%

Target Compounds

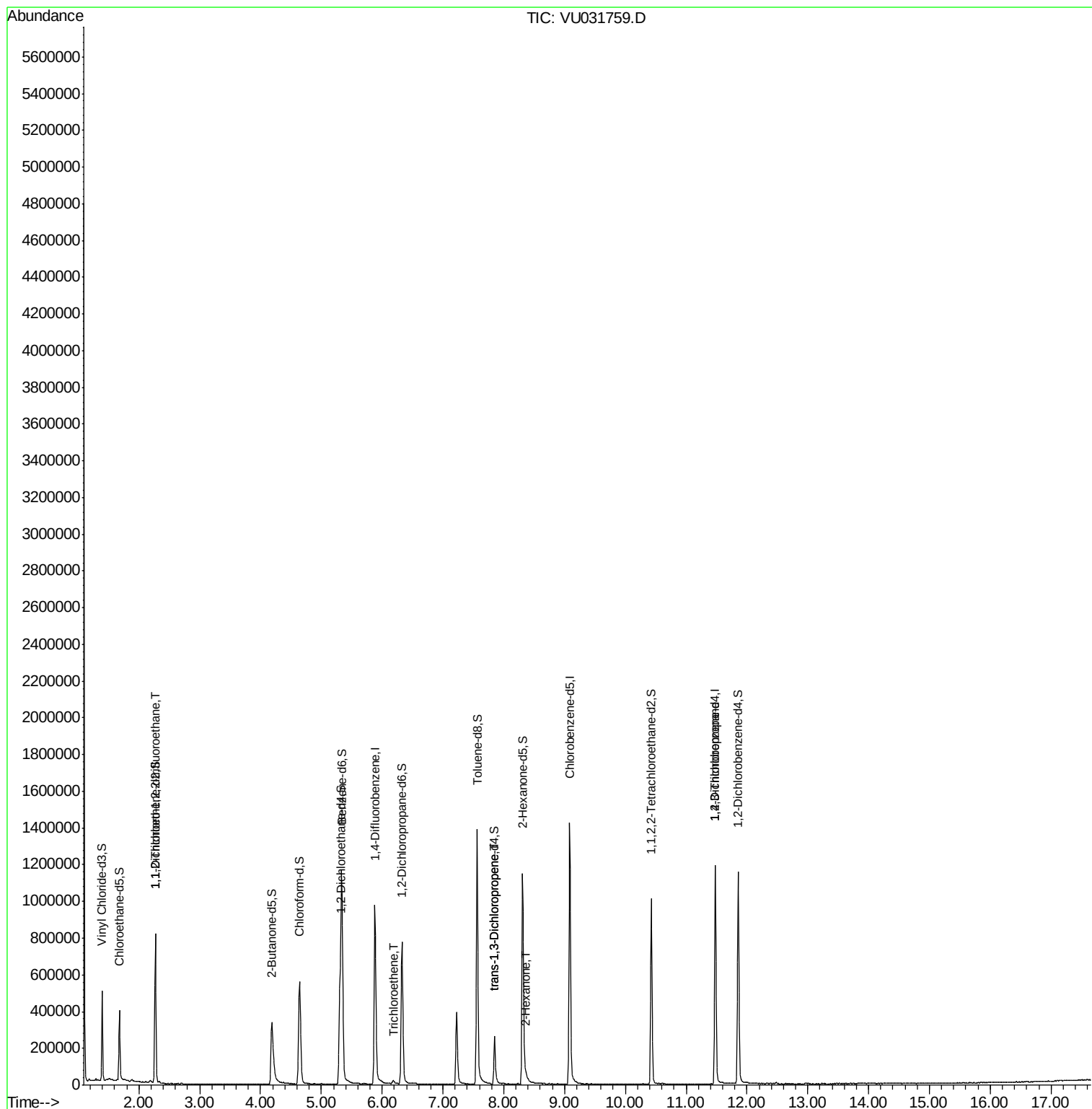
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4464	0.701 ug/L #	22
34) Trichloroethene	6.19	95	4173	0.628 ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	6545	0.702 ug/L	89
48) 2-Hexanone	8.37	43	22645	2.338 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	40316	4.369 ug/L	93

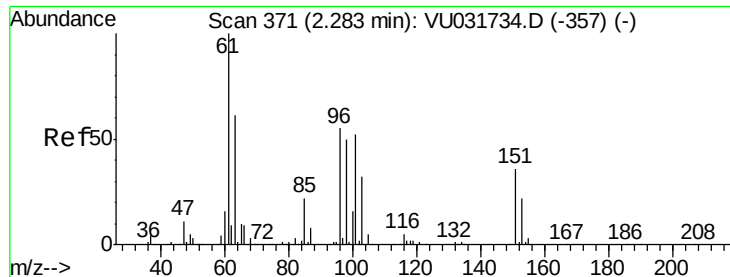
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.701 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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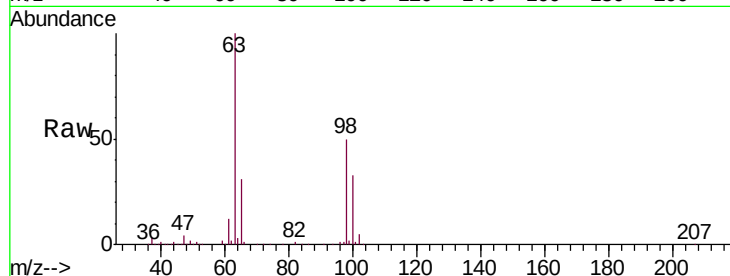
Tgt Ion:101 Resp: 4464

Ion Ratio Lower Upper

101 100

85 1.7 36.1 54.1#

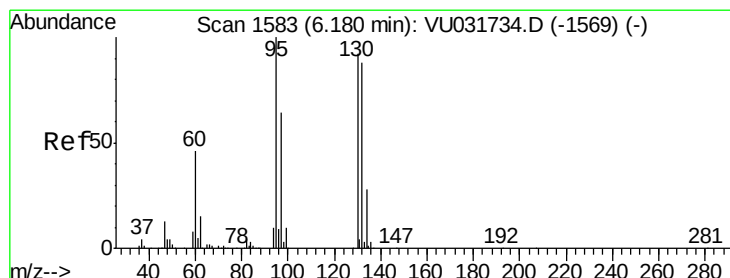
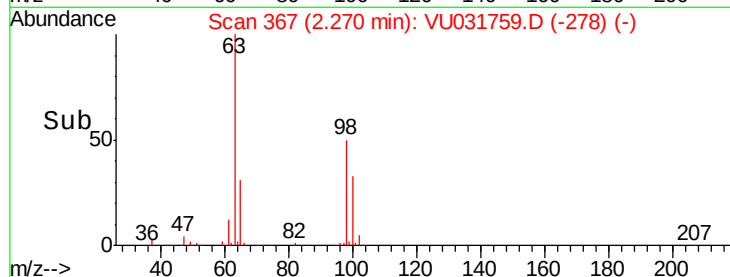
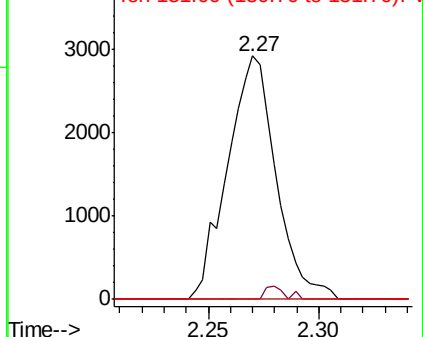
151 0.0 56.1 84.1#



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



#34

Trichloroethene

Concen: 0.628 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 4173

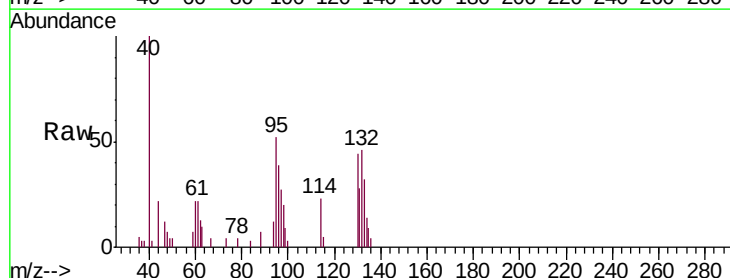
Ion Ratio Lower Upper

95 100

97 53.2 44.8 83.2

132 88.7 63.1 117.1

130 85.3 66.5 123.5

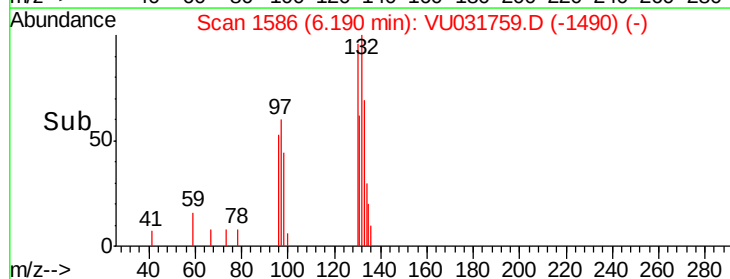
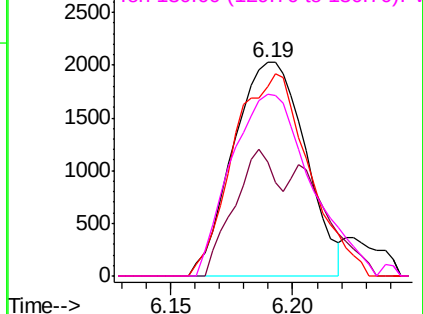


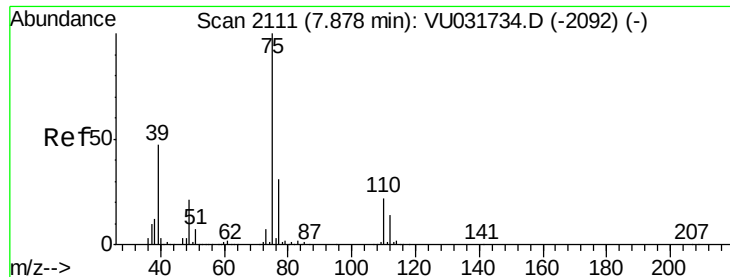
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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MSVOA_U

ClientSampleId :

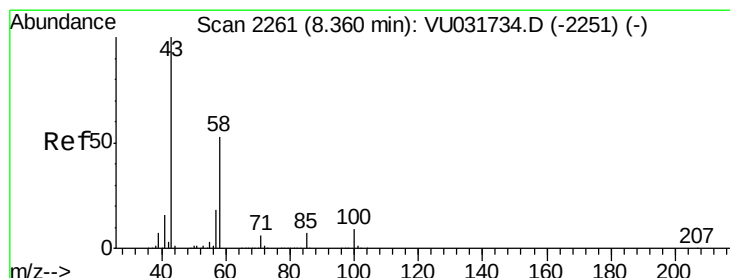
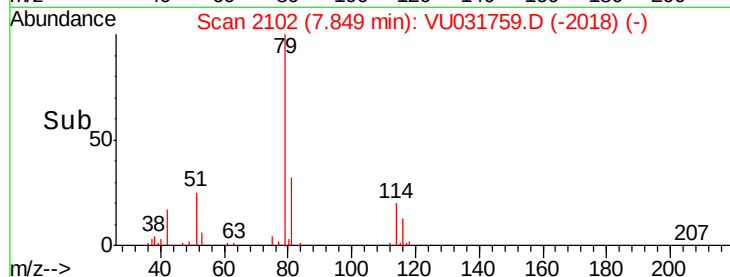
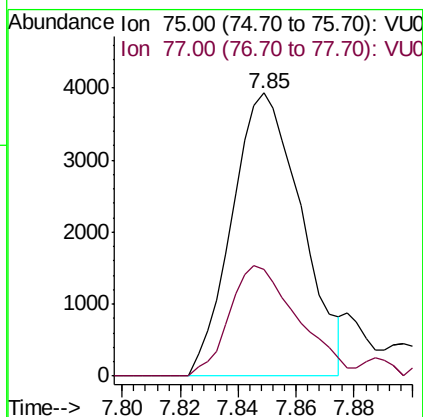
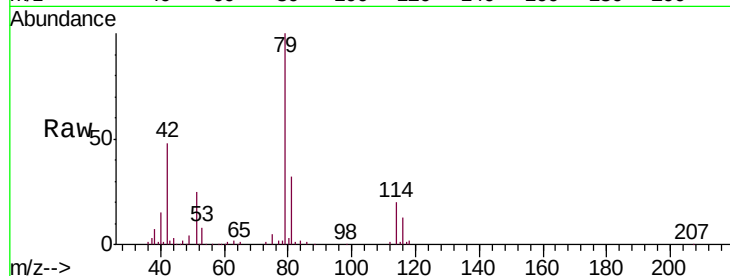
C0XD5

Tgt Ion: 75 Resp: 6545

Ion Ratio Lower Upper

75 100

77 37.7 22.1 41.1



#48

2-Hexanone

Concen: 2.338 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

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Acq: 03 May 2019 18:46

Tgt Ion: 43 Resp: 22645

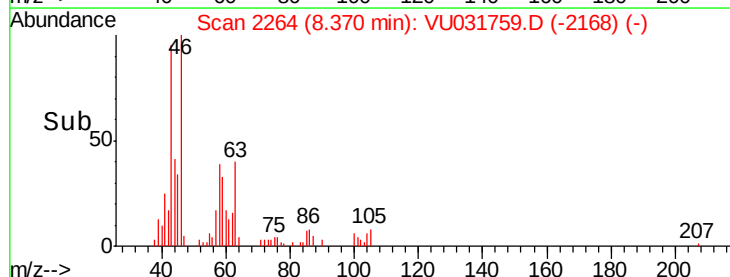
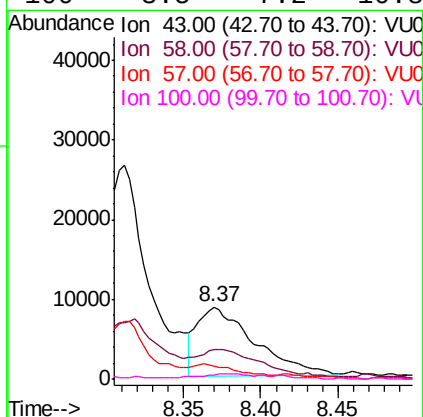
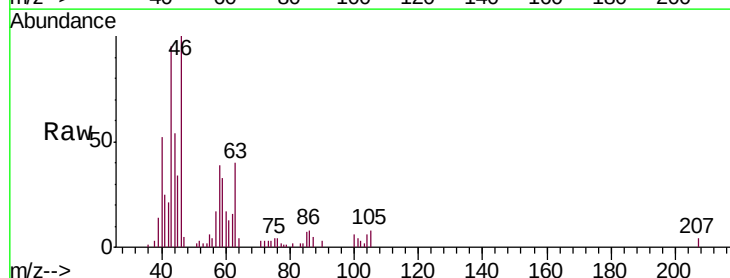
Ion Ratio Lower Upper

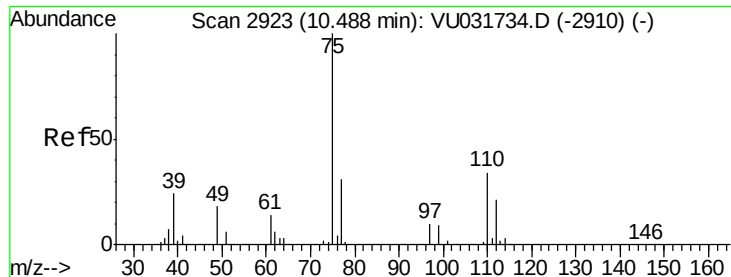
43 100

58 35.4 42.1 63.1#

57 0.0 14.6 22.0#

100 3.5 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.369 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031759.D

Acq: 03 May 2019 18:46

Instrument :

MSVOA_U

ClientSampleId :

C0XD5

Tgt Ion: 75 Resp: 40316

Ion Ratio Lower Upper

75 100

77 36.5 25.9 38.9

