

Data File : VU031758.D
Acq On : 03 May 2019 18:23
Operator : JC/SP
Sample : K2595-04 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X89

Quant Time: May 04 02:41:29 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	769645	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	740049	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	284392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	320453	49.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.50%
7) Chloroethane-d5	1.68	69	250131	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.50%
11) 1,1-Dichloroethene-d2	2.27	63	459608	35.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.66%
21) 2-Butanone-d5	4.19	46	632032	108.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.30%
24) Chloroform-d	4.87	84	272	0.02	ug/L	0.23
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.31	65	367022	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
32) Benzene-d6	5.34	84	1092660	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
36) 1,2-Dichloropropane-d6	6.32	67	380184	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.10%
41) Toluene-d8	7.56	98	887972	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%
43) trans-1,3-Dichloropropene-	7.85	79	150244	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.56%
47) 2-Hexanone-d5	8.31	63	377338	109.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	493702	46.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	280208	46.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.70%

Target Compounds

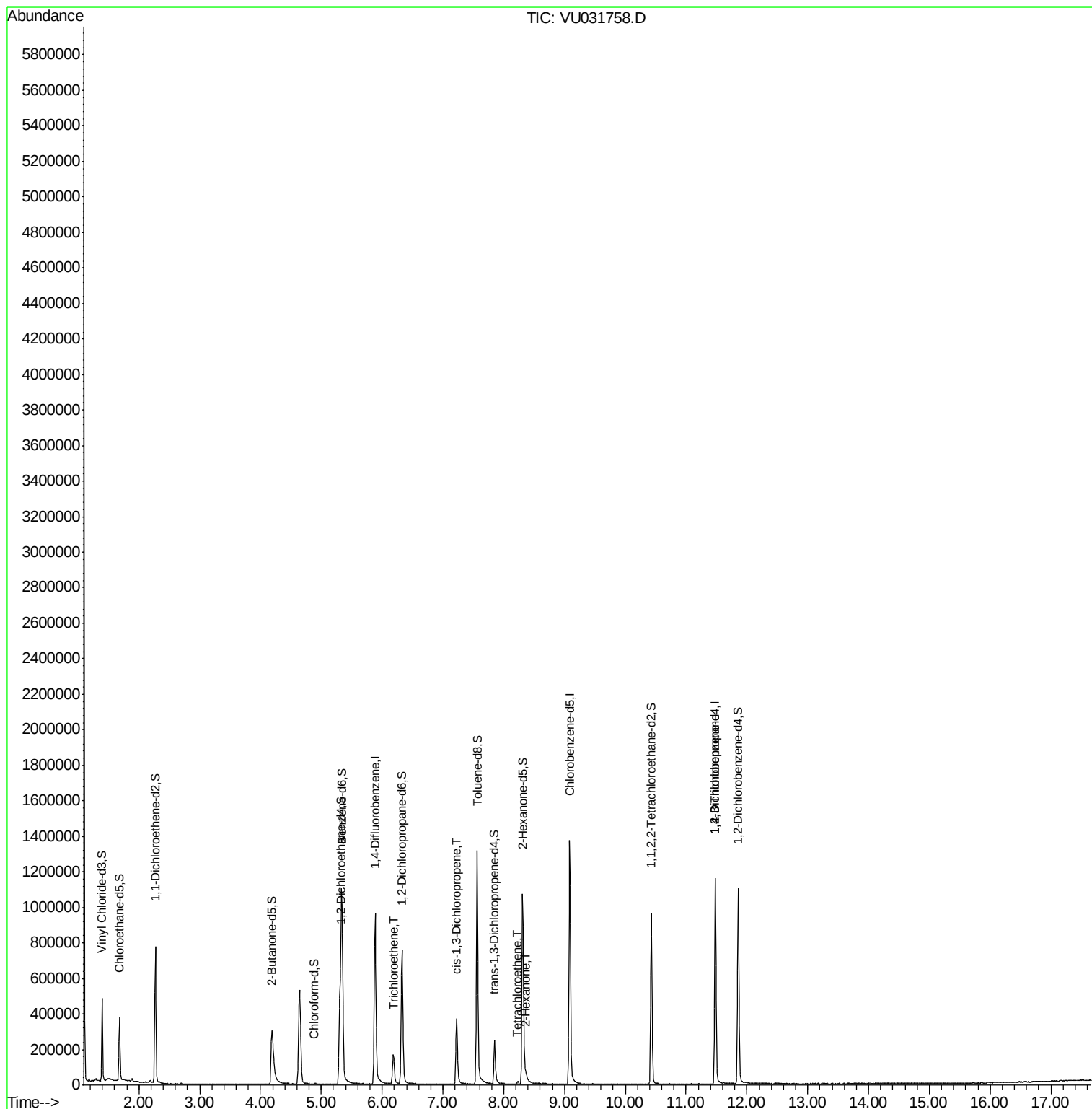
					Qvalue
34) Trichloroethene	6.19	95	61932	9.390 ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	8940	0.876 ug/L #	60
46) Tetrachloroethene	8.23	164	3186	0.709 ug/L	94
48) 2-Hexanone	8.37	43	11798	1.227 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	39419	4.304 ug/L	95

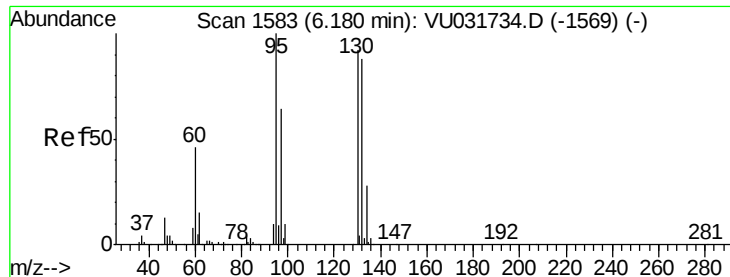
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 9.390 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031758.D

Acq: 03 May 2019 18:23

Instrument :

MSVOA_U

ClientSampled :

C0X89

Tgt Ion: 95 Resp: 61932

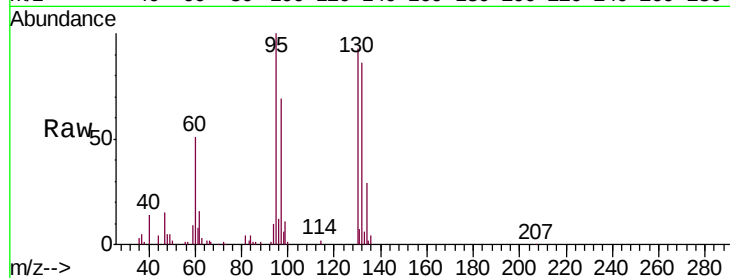
Ion Ratio Lower Upper

95 100

97 69.0 44.8 83.2

132 85.7 63.1 117.1

130 92.9 66.5 123.5

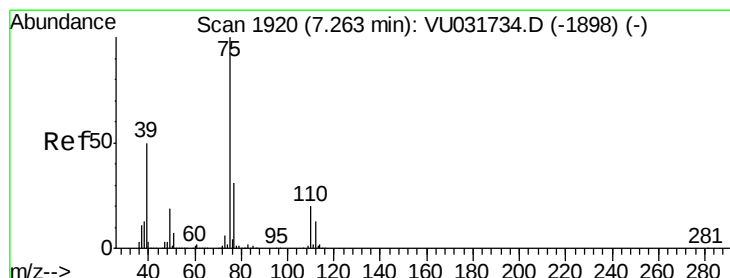
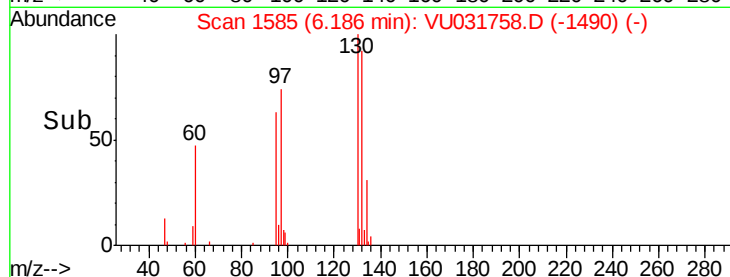
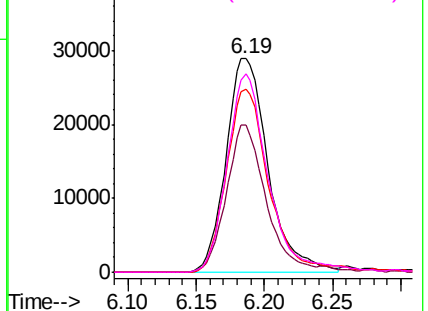


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#39

cis-1,3-Dichloropropene

Concen: 0.876 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031758.D

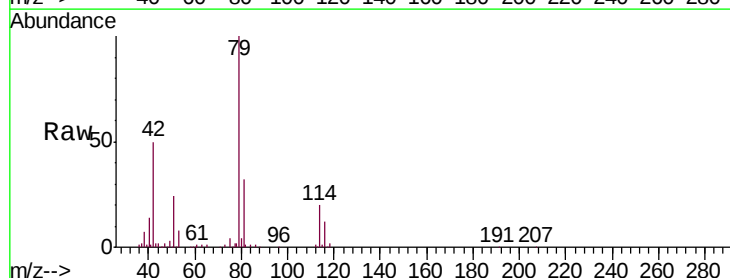
Acq: 03 May 2019 18:23

Tgt Ion: 75 Resp: 8940

Ion Ratio Lower Upper

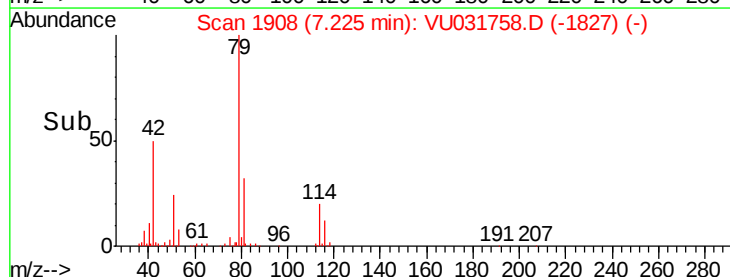
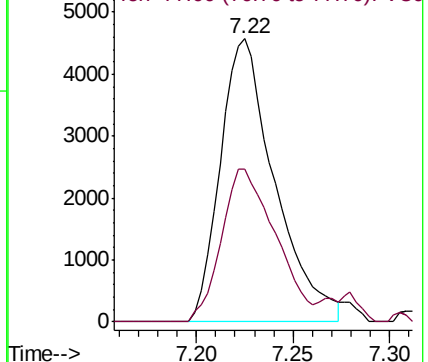
75 100

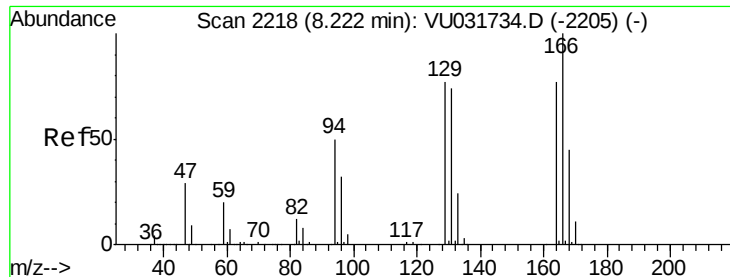
77 53.8 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

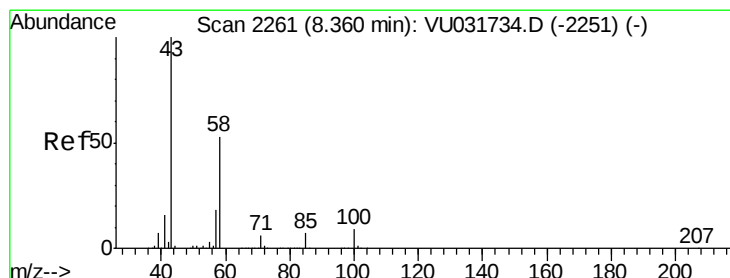
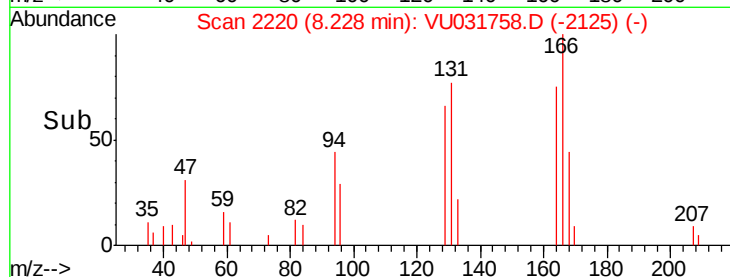
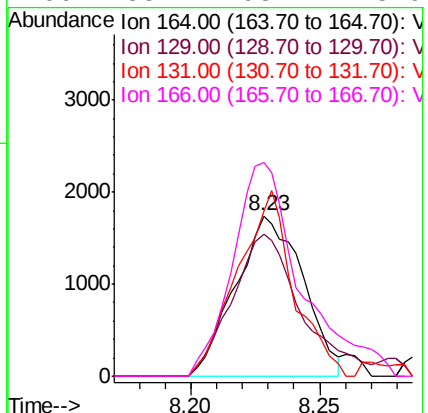
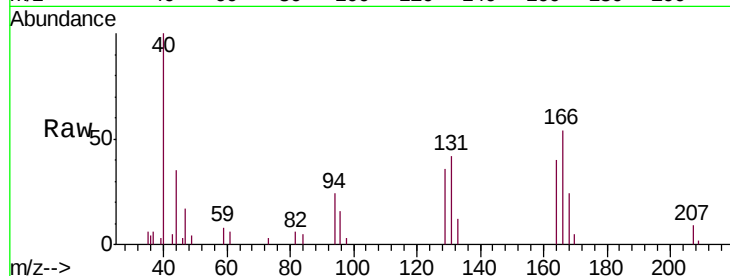




#46
Tetrachloroethene
Concen: 0.709 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031758.D
Acq: 03 May 2019 18:23

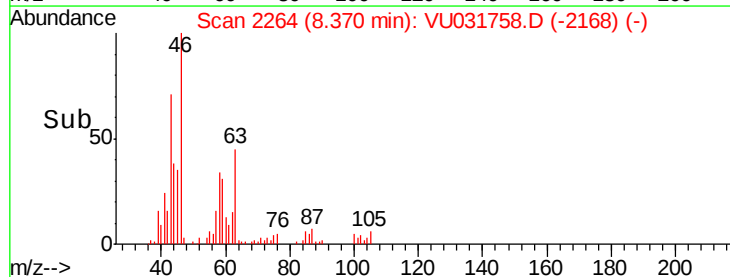
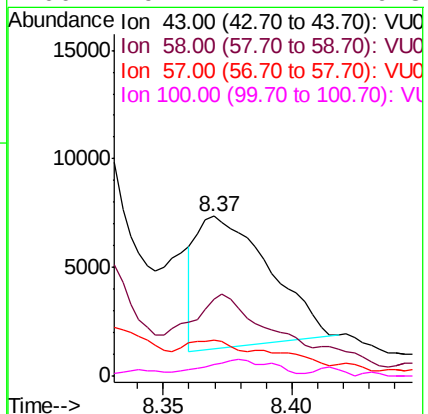
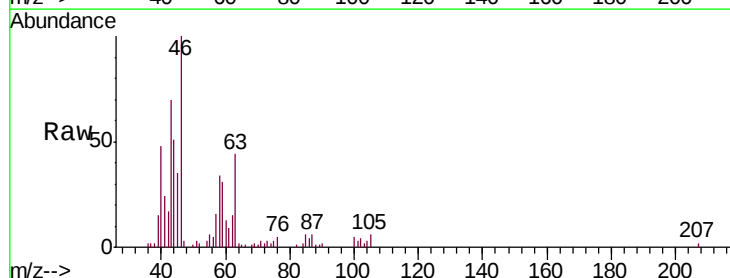
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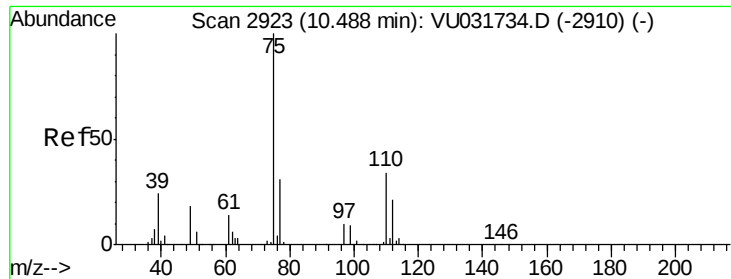
Tgt Ion:164 Resp: 3186
Ion Ratio Lower Upper
164 100
129 88.4 71.5 132.9
131 102.9 69.0 128.2
166 133.1 93.7 173.9



#48
2-Hexanone
Concen: 1.227 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031758.D
Acq: 03 May 2019 18:23

Tgt Ion: 43 Resp: 11798
Ion Ratio Lower Upper
43 100
58 43.8 42.1 63.1
57 0.0 14.6 22.0#
100 9.2 7.2 10.8





#59

1,2,3-Trichloropropane

Concen: 4.304 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031758.D

Acq: 03 May 2019 18:23

Instrument :

MSVOA_U

ClientSampleId :

C0X89

Tgt Ion: 75 Resp: 39419

Ion Ratio Lower Upper

75 100

77 35.3 25.9 38.9

