

Data File : VU031744.D
Acq On : 03 May 2019 12:58
Operator : JC/SP
Sample : K2661-09DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B29DL

Quant Time: May 04 02:39:43 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	864028	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	810332	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	313400	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	366314	50.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.32%
7) Chloroethane-d5	1.68	69	285100	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.04%
11) 1,1-Dichloroethene-d2	2.27	63	520624	36.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.30%
21) 2-Butanone-d5	4.19	46	671787	102.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.53%
24) Chloroform-d	4.64	84	583133	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.06%
26) 1,2-Dichloroethane-d4	5.31	65	399785	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
32) Benzene-d6	5.34	84	1207645	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
36) 1,2-Dichloropropane-d6	6.33	67	423374	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.56	98	1019564	47.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.08%
43) trans-1,3-Dichloropropene-	7.85	79	169056	44.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.98%
47) 2-Hexanone-d5	8.31	63	401270	105.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	523554	44.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	320543	48.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.26%

Target Compounds

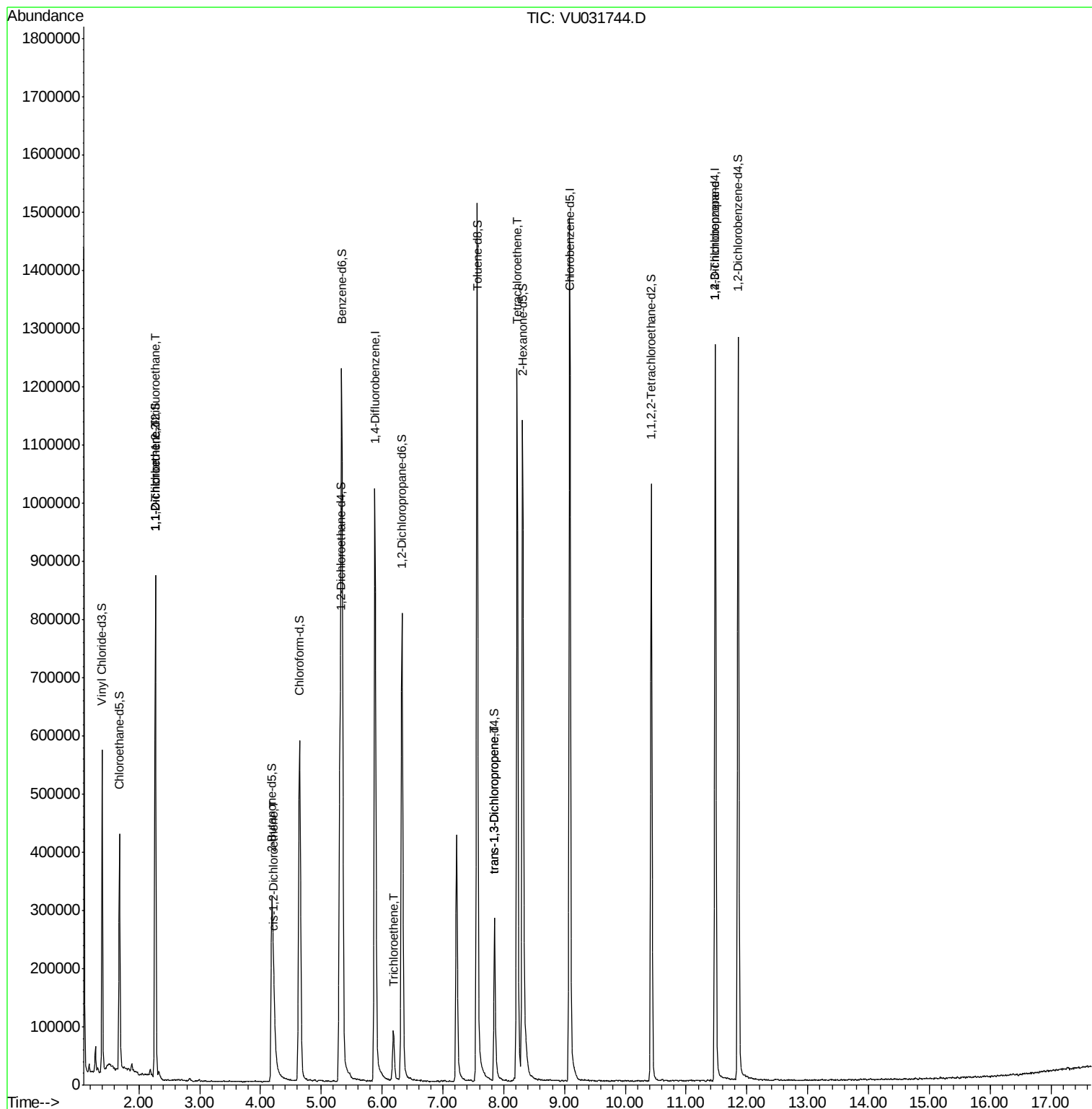
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4141	0.598 ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3916	0.581 ug/L #	1
20) cis-1,2-Dichloroethene	4.23	96	13645	1.811 ug/L	81
34) Trichloroethene	6.19	95	30768	4.260 ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	6943	0.685 ug/L	96
46) Tetrachloroethene	8.22	164	269462	54.731 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	44111	4.399 ug/L	92

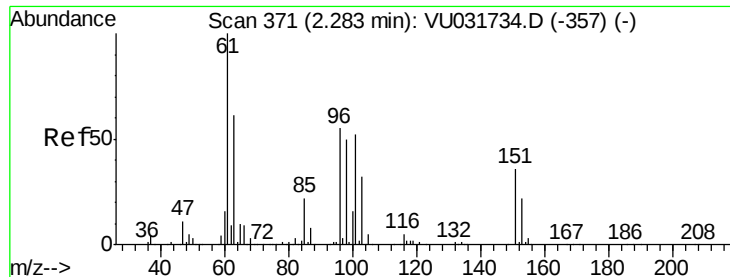
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031744.D
Acq On : 03 May 2019 12:58
Operator : JC/SP
Sample : K2661-09DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B29DL

Quant Time: May 04 02:39:43 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





#10

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

Concen: 0.598 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031744.D

Acq: 03 May 2019 12:58

Instrument :

MSVOA_U

ClientSampleId :

C0B29DL

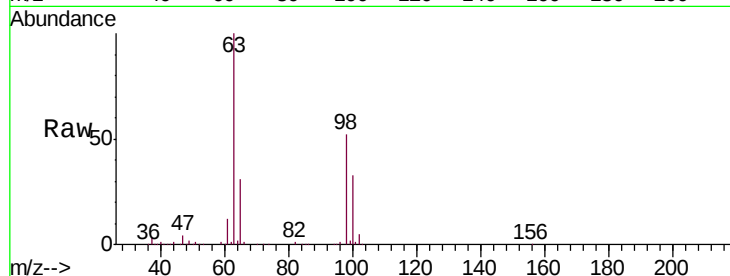
Tgt Ion:101 Resp: 4141

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

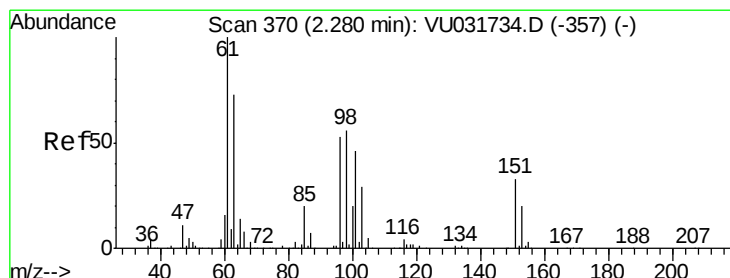
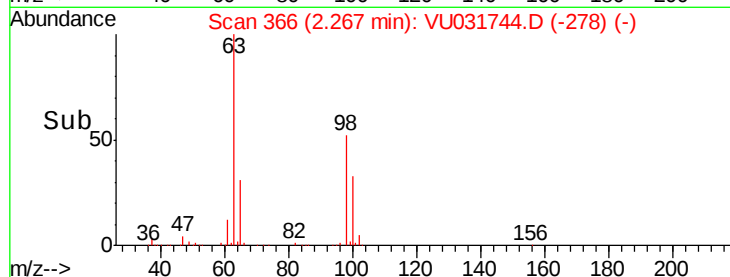
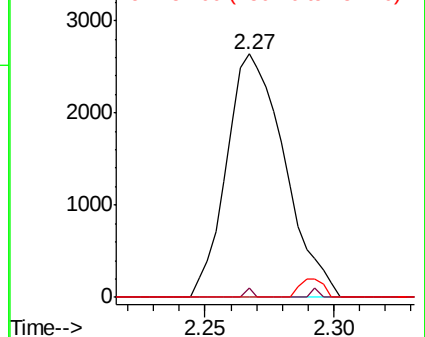
151 3.1 56.1 84.1#



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



#12

1,1-Dichloroethene

Concen: 0.581 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031744.D

Acq: 03 May 2019 12:58

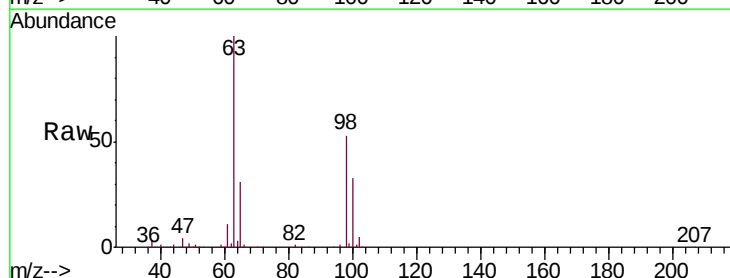
Tgt Ion: 96 Resp: 3916

Ion Ratio Lower Upper

96 100

61 1579.2 135.0 250.6#

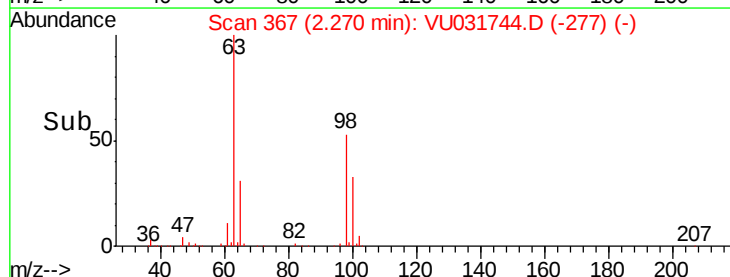
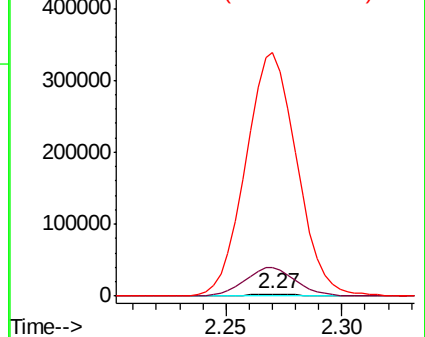
63 13751.8 103.5 192.3#

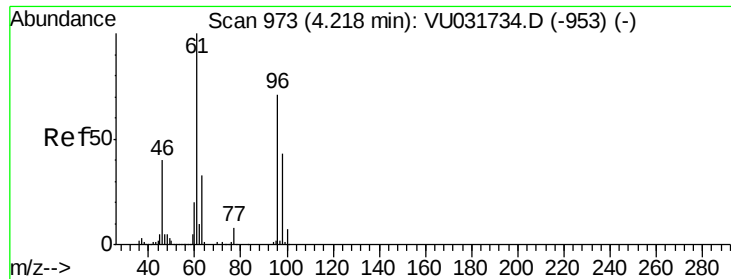


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

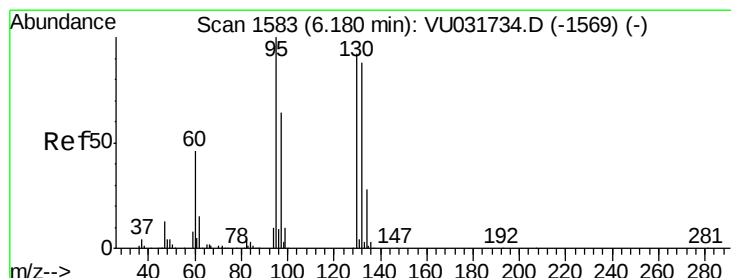
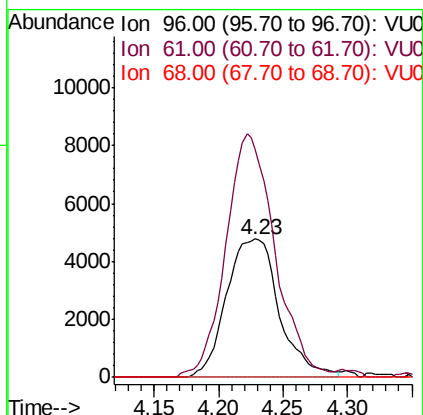
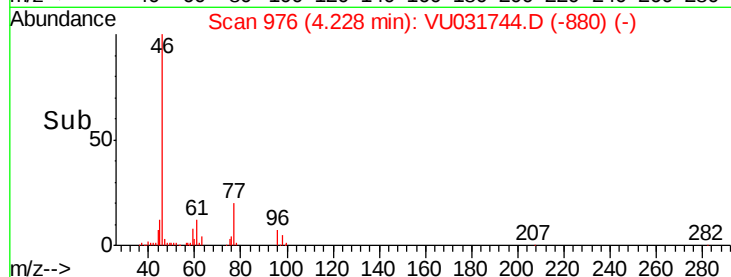
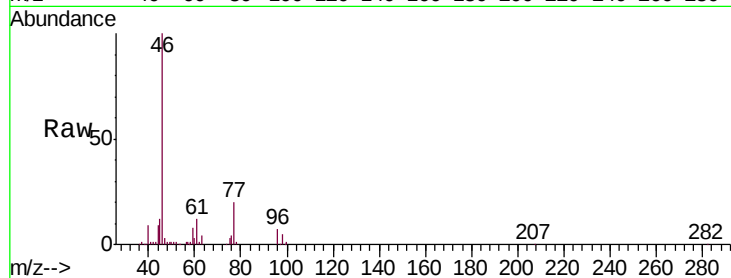




#20
 cis-1,2-Dichloroethene
 Concen: 1.811 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU031744.D
 Acq: 03 May 2019 12:58

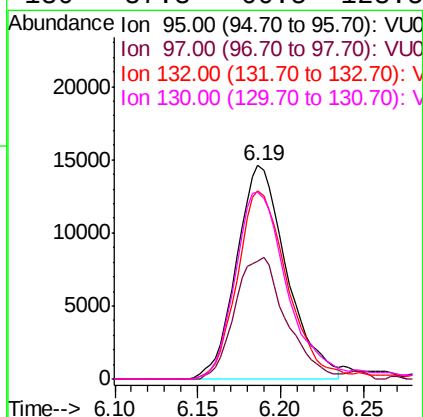
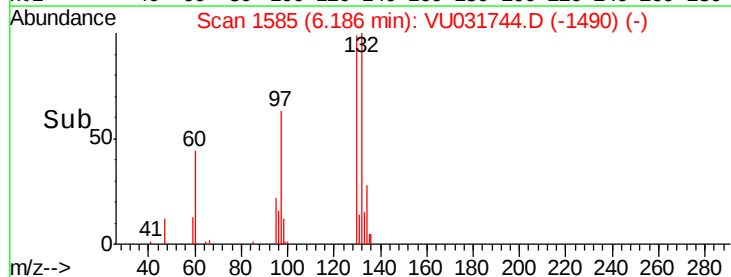
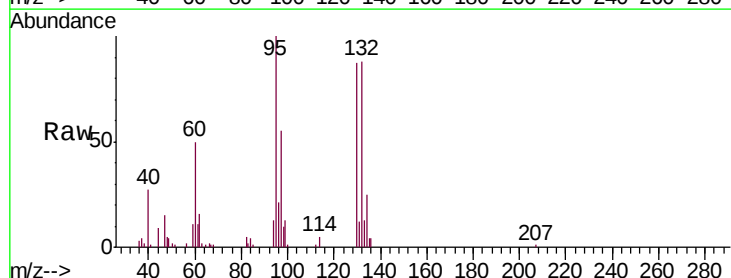
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B29DL

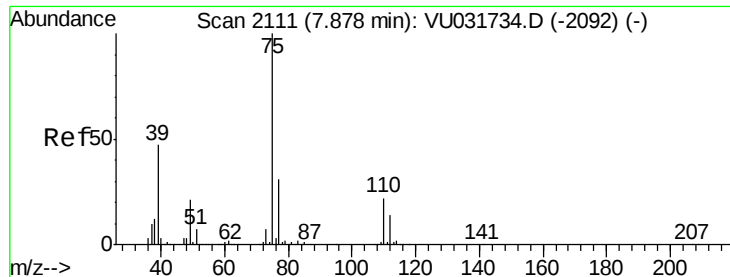
Tgt Ion: 96 Resp: 13645
 Ion Ratio Lower Upper
 96 100
 61 165.5 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 4.260 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031744.D
 Acq: 03 May 2019 12:58

Tgt Ion: 95 Resp: 30768
 Ion Ratio Lower Upper
 95 100
 97 55.2 44.8 83.2
 132 88.2 63.1 117.1
 130 87.3 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.685 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031744.D

Acq: 03 May 2019 12:58

Instrument :

MSVOA_U

ClientSampleId :

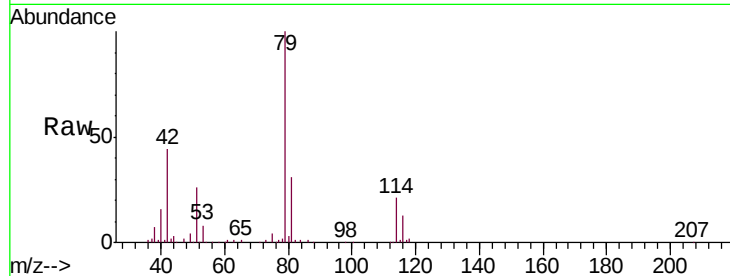
C0B29DL

Tgt Ion: 75 Resp: 6943

Ion Ratio Lower Upper

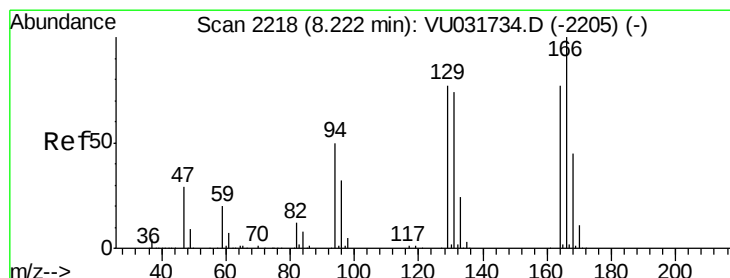
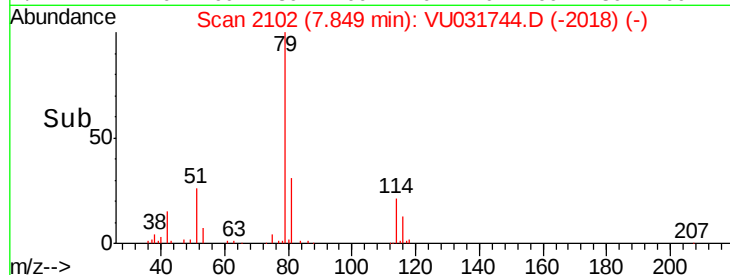
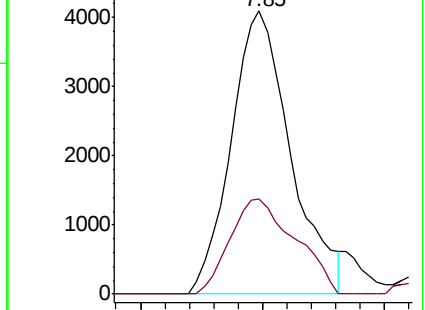
75 100

77 33.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031734.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031734.D (-2092) (-)



#46

Tetrachloroethene

Concen: 54.731 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031744.D

Acq: 03 May 2019 12:58

Tgt Ion: 164 Resp: 269462

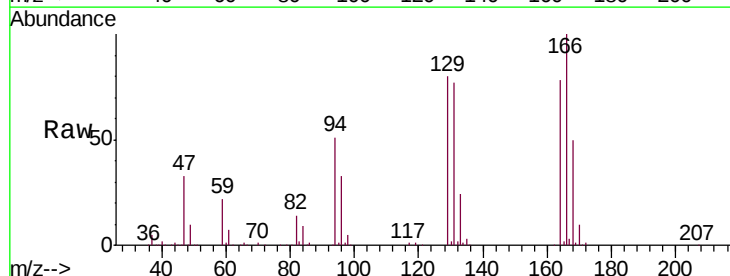
Ion Ratio Lower Upper

164 100

129 102.7 71.5 132.9

131 97.9 69.0 128.2

166 127.7 93.7 173.9

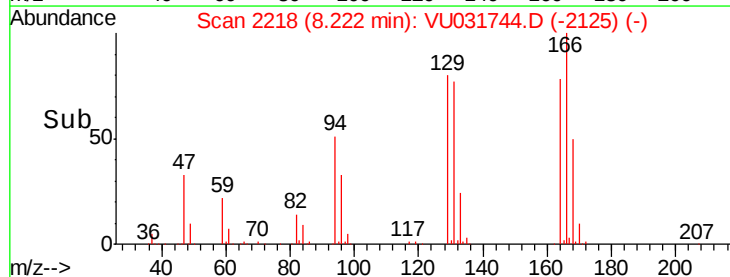
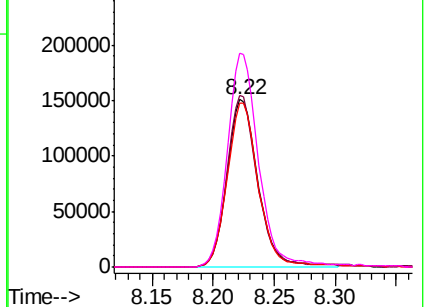


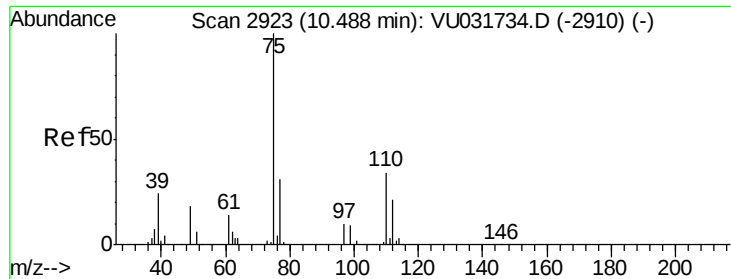
Abundance Ion 164.00 (163.70 to 164.70): VU031734.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031734.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031734.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031734.D (-2205) (-)





#59

1,2,3-Trichloropropane

Concen: 4.399 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031744.D

Acq: 03 May 2019 12:58

Instrument :

MSVOA_U

ClientSampleId :

C0B29DL

Tgt Ion: 75 Resp: 44111

Ion Ratio Lower Upper

75 100

77 37.1 25.9 38.9

