

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031774.D
 Acq On : 06 May 2019 12:49
 Operator : JC/SP
 Sample : K2595-11 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:49:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	723548	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	692761	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	254590	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	295804	48.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.70%
7) Chloroethane-d5	1.68	69	240172	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.64%
11) 1,1-Dichloroethene-d2	2.27	63	447618	37.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.24%
21) 2-Butanone-d5	4.18	46	665394	121.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.28%
24) Chloroform-d	4.64	84	563085	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
26) 1,2-Dichloroethane-d4	5.31	65	397908	54.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.84%
32) Benzene-d6	5.34	84	1075455	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	6.33	67	396621	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.98%
41) Toluene-d8	7.56	98	862020	46.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.04%
43) trans-1,3-Dichloropropene-	7.85	79	155195	48.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.62%
47) 2-Hexanone-d5	8.31	63	363320	112.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	520462	51.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	269332	50.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

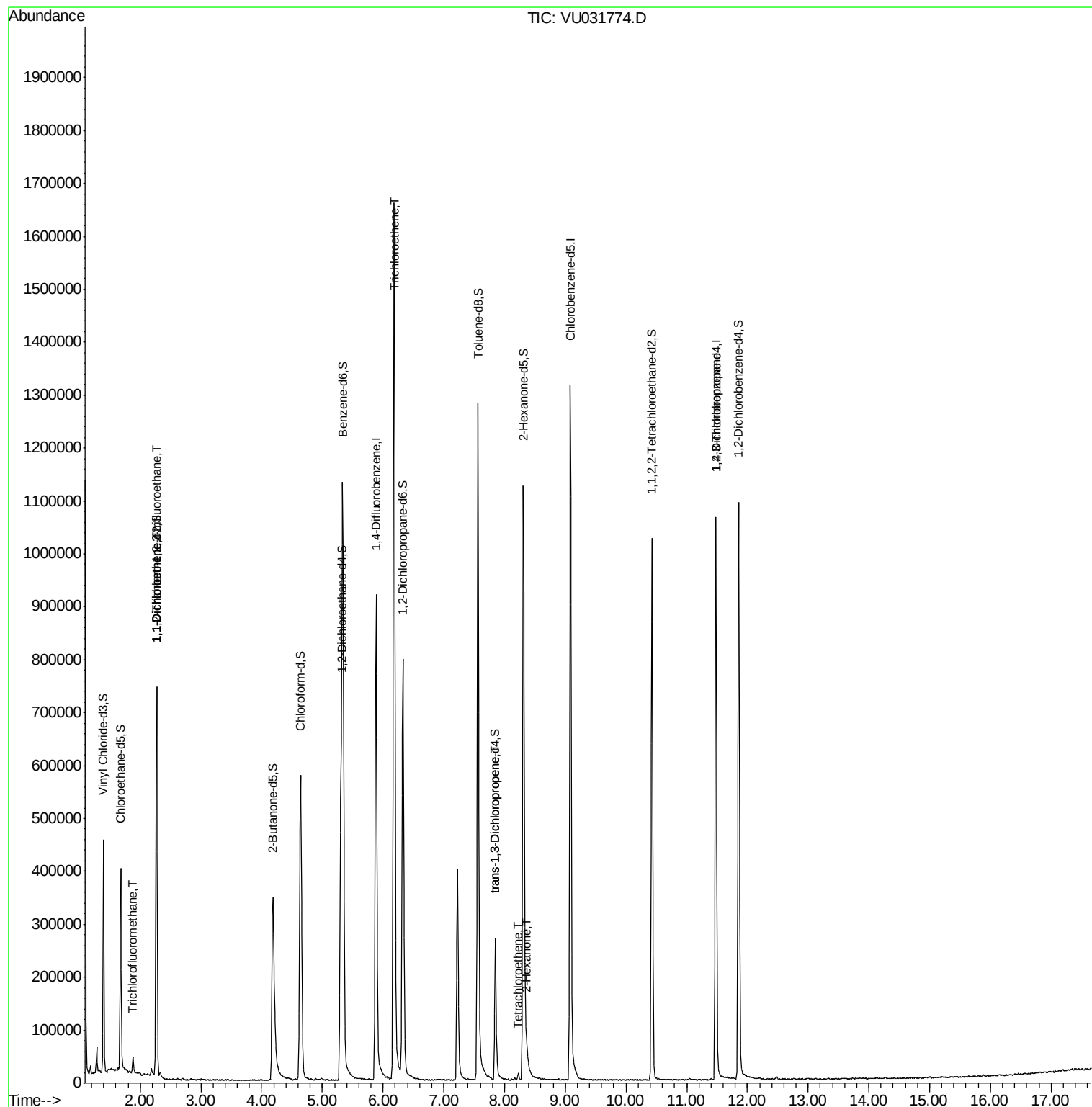
					Ovalue
9) Trichlorofluoromethane	1.88	101	12329	1.202 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3964	0.683 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3362	0.596 ug/L #	1
34) Trichloroethene	6.18	95	622538	100.832 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	6197	0.715 ug/L #	69
46) Tetrachloroethene	8.23	164	2662	0.632 ug/L	97
48) 2-Hexanone	8.37	43	23370	2.597 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	37272	4.348 ug/L	91

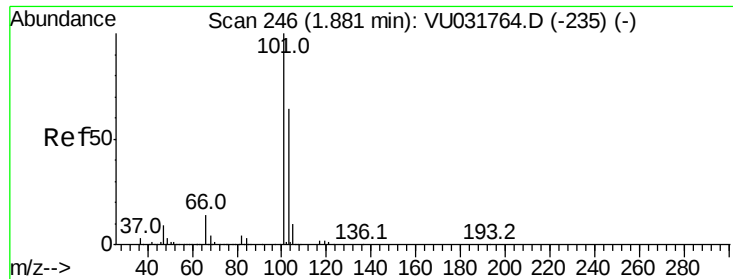
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.202 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031774.D

Acq: 06 May 2019 12:49

Instrument :

MSVOA_U

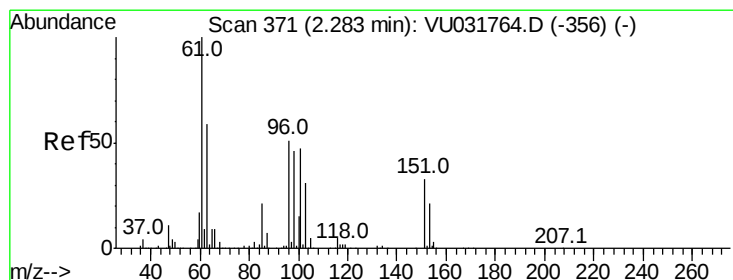
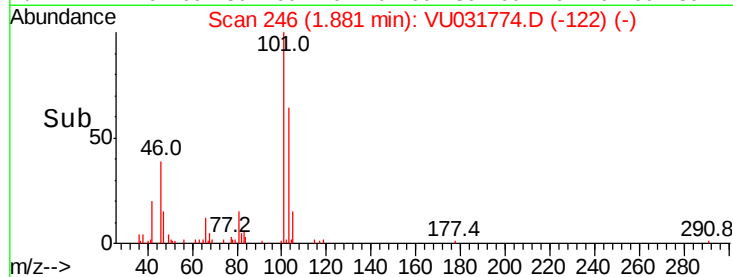
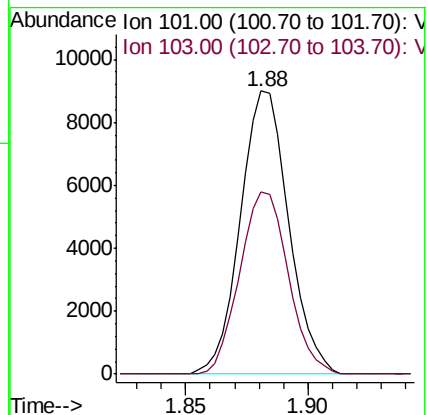
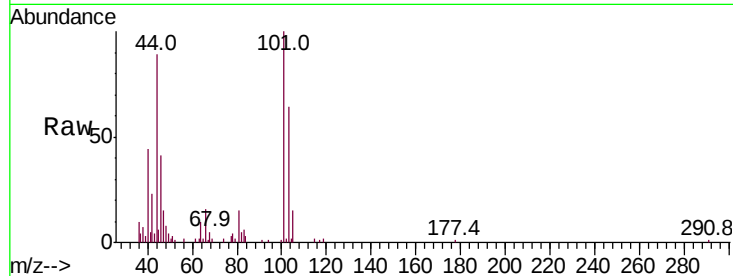
ClientSampleId :

Tot Ion:101 Resp: 12329

Ion Ratio Lower Upper

101 100

103 64.7 50.8 76.2



#10

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

Concen: 0.683 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031774.D

Acq: 06 May 2019 12:49

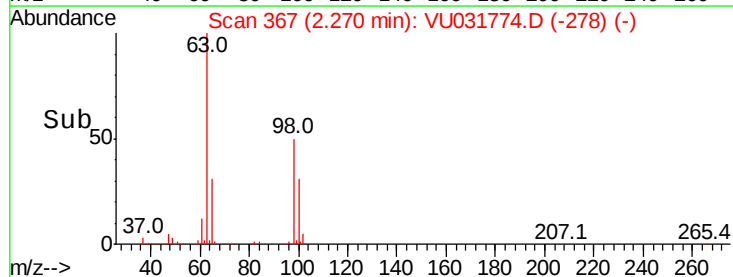
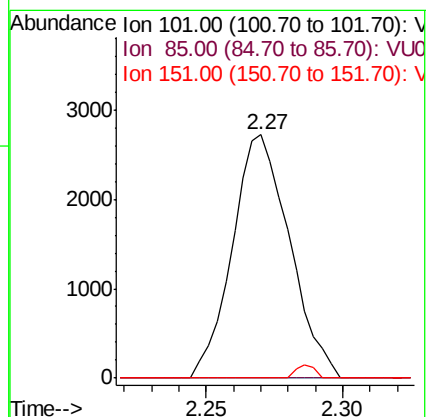
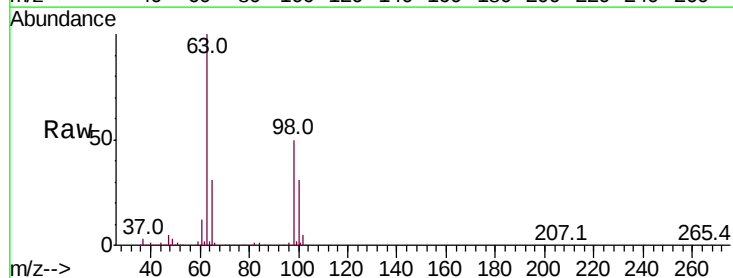
Tgt Ion:101 Resp: 3964

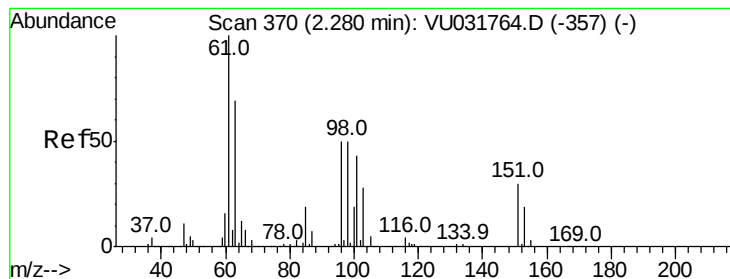
Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 1.8 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.596 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031774.D

Acq: 06 May 2019 12:49

Instrument :

MSVOA_U

ClientSampled :

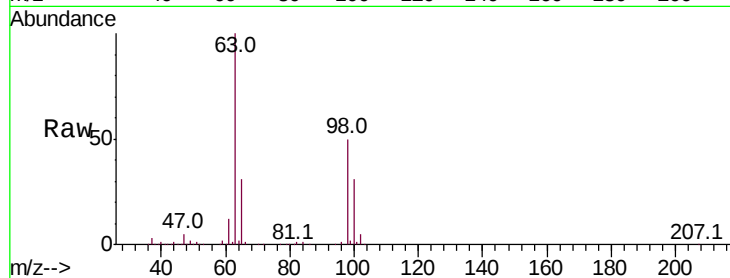
Tot Ion: 96 Resp: 3362

Ion Ratio Lower Upper

96 100

61 1908.3 135.0 250.6#

63 15571.0 103.5 192.3#

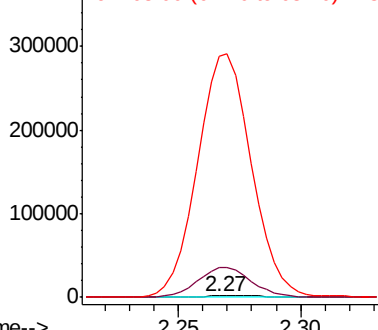


Abundance

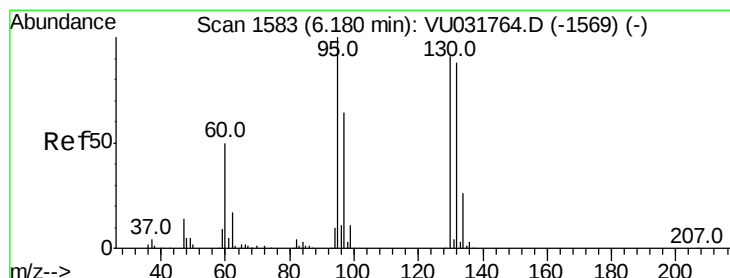
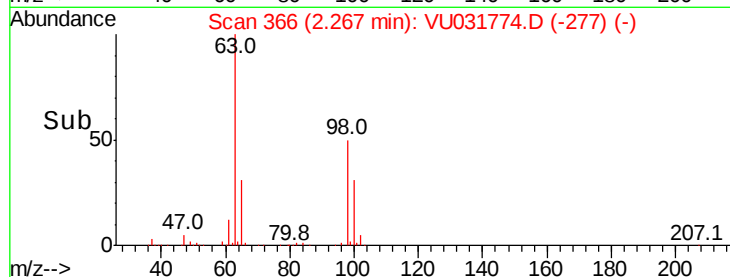
Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->



#34

Trichloroethene

Concen: 100.832 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031774.D

Acq: 06 May 2019 12:49

Tgt Ion: 95 Resp: 622538

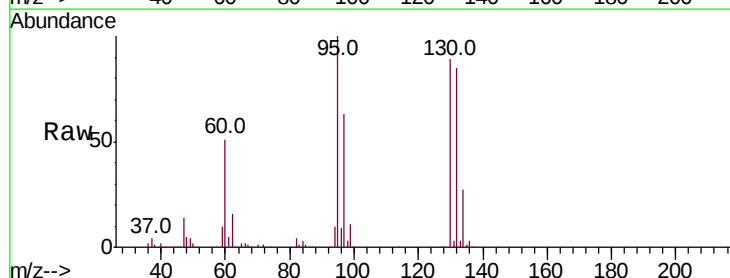
Ion Ratio Lower Upper

95 100

97 62.7 44.8 83.2

132 84.5 63.1 117.1

130 89.3 66.5 123.5



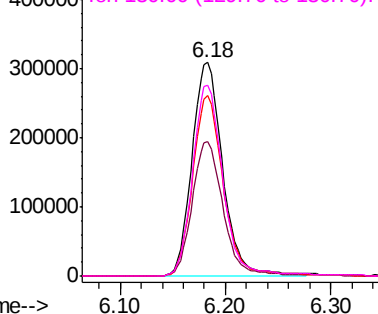
Abundance

Ion 95.00 (94.70 to 95.70): VU0

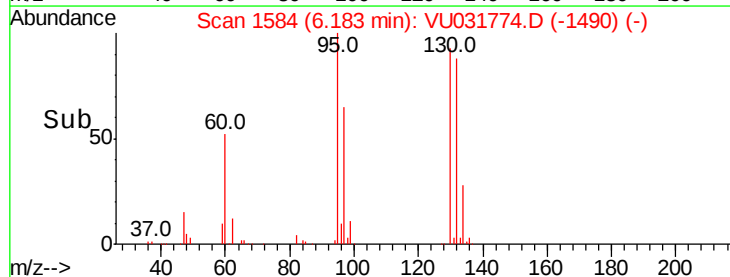
Ion 97.00 (96.70 to 97.70): VU0

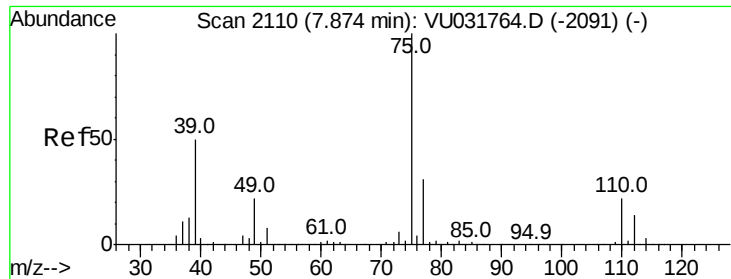
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.715 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031774.D

Acq: 06 May 2019 12:49

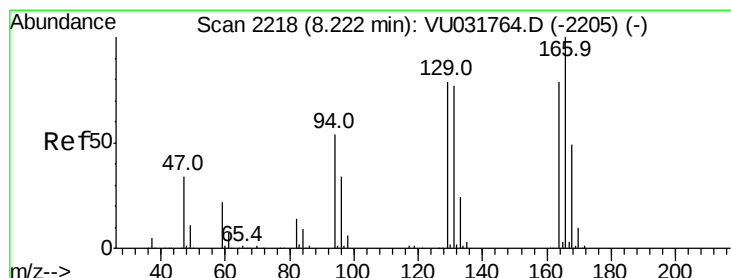
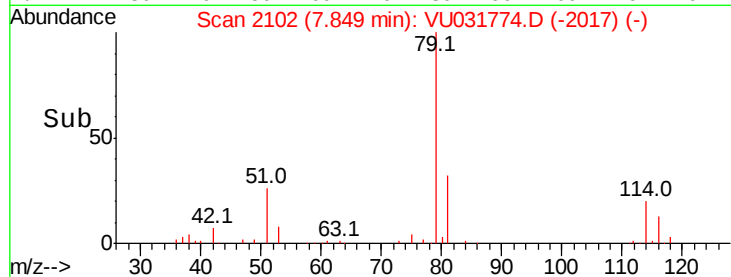
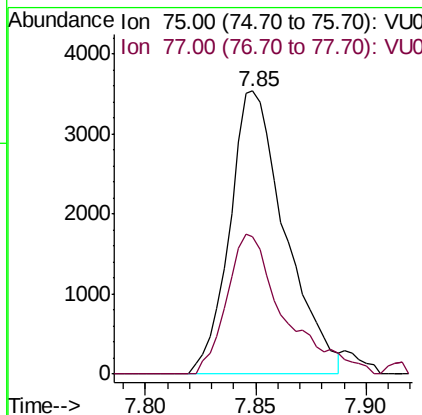
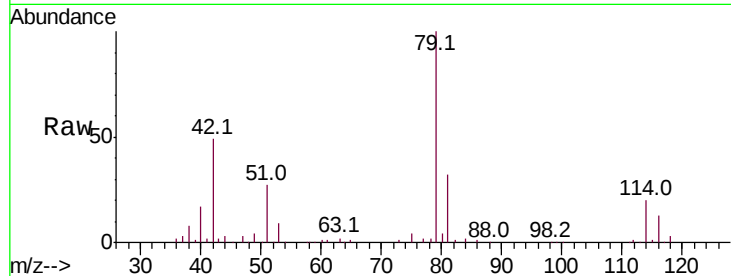
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 6197

Ion Ratio Lower Upper

75 100

77 48.8 22.1 41.1#



#46

Tetrachloroethene

Concen: 0.632 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031774.D

Acq: 06 May 2019 12:49

Tgt Ion: 164 Resp: 2662

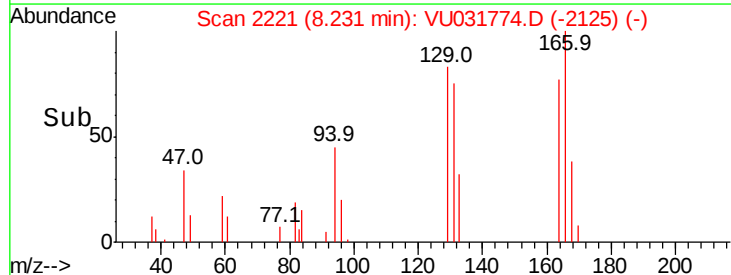
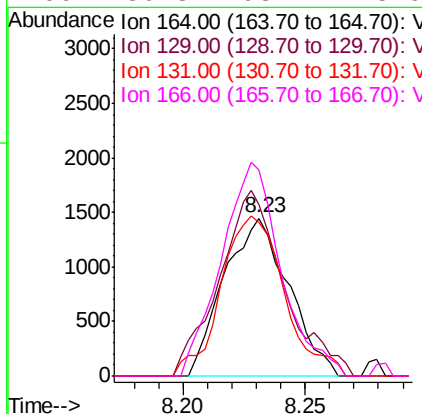
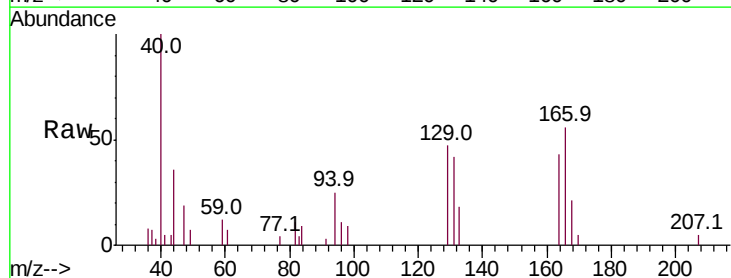
Ion Ratio Lower Upper

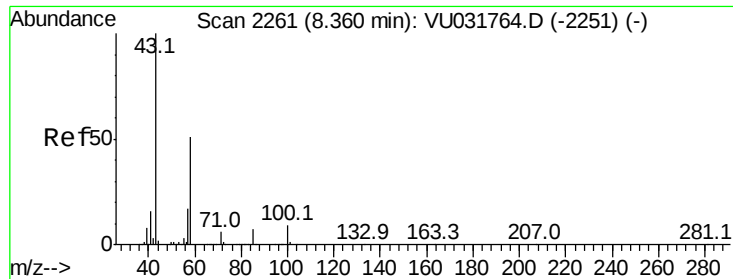
164 100

129 108.8 71.5 132.9

131 97.5 69.0 128.2

166 130.3 93.7 173.9





#48

2-Hexanone

Concen: 2.597 ug/L

RT: 8.37 min Scan# 2264

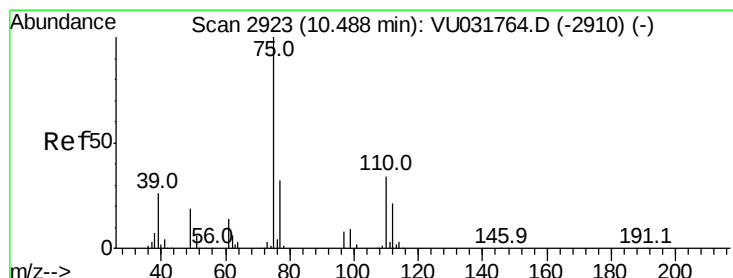
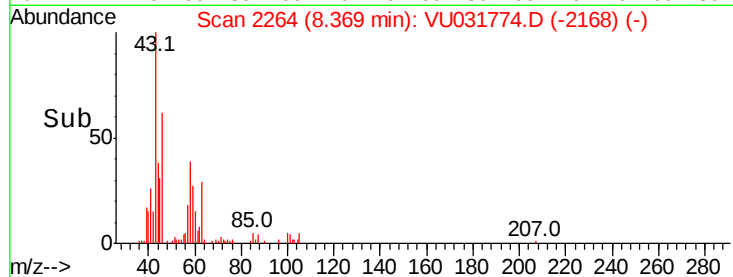
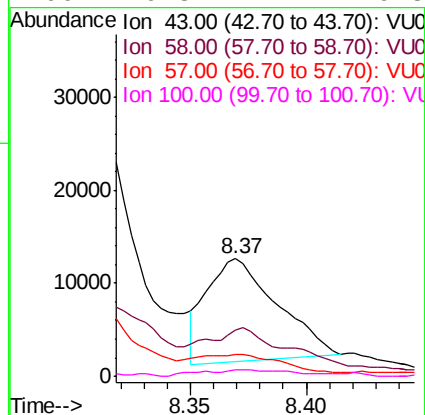
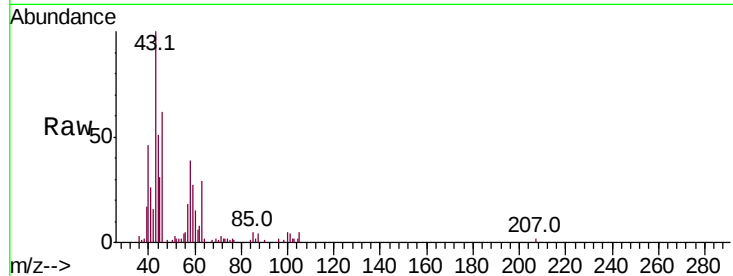
Delta R.T. 0.01 min

Lab File: VU031774.D

Acq: 06 May 2019 12:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	23370
Ion	Ratio	Lower	Upper
43	100		
58	40.7	42.1	63.1#
57	0.0	14.6	22.0#
100	0.8	7.2	10.8#



#59

1,2,3-Trichloropropane

Concen: 4.348 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031774.D

Acq: 06 May 2019 12:49

Tgt Ion:	75	Resp:	37272
Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.9	38.9

