

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031771.D
 Acq On : 06 May 2019 11:39
 Operator : JC/SP
 Sample : K2595-05DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:49:05 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	731036	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	699347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	258044	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	302209	49.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.78%
7) Chloroethane-d5	1.68	69	244070	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.24%
11) 1,1-Dichloroethene-d2	2.27	63	448709	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.66%
21) 2-Butanone-d5	4.19	46	647047	116.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.72%
24) Chloroform-d	4.64	84	559328	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	5.31	65	385744	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.38%
32) Benzene-d6	5.34	84	1061873	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
36) 1,2-Dichloropropane-d6	6.33	67	399561	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.76%
41) Toluene-d8	7.56	98	855991	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.85	79	156045	48.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.22%
47) 2-Hexanone-d5	8.31	63	359908	110.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	513882	50.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	275606	50.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.58%

Target Compounds

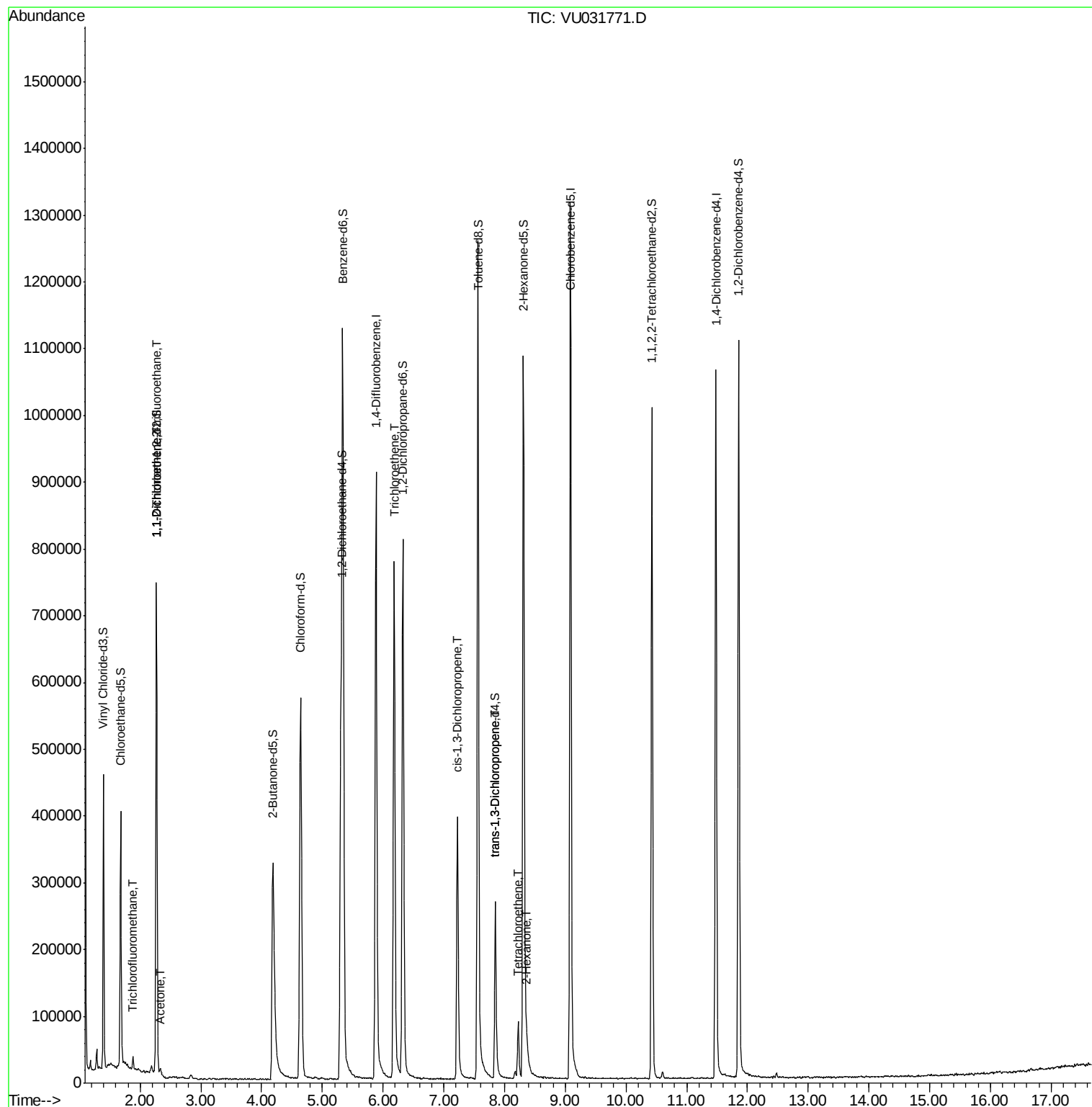
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	6252	0.603	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3606	0.615	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3145	0.551	ug/L #	1
13) Acetone	2.34	43	3874	0.620	ug/L	82
34) Trichloroethene	6.18	95	284486	45.644	ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	8754	0.908	ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	6791	0.776	ug/L	94
46) Tetrachloroethene	8.22	164	19583	4.609	ug/L	88
48) 2-Hexanone	8.37	43	37081	4.082	ug/L #	43

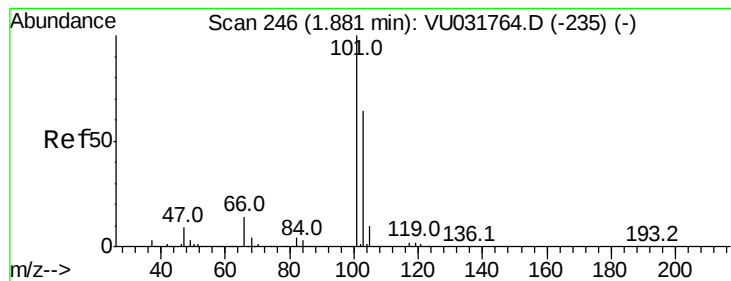
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#9

Trichlorofluoromethane

Concen: 0.603 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031771.D

Acq: 06 May 2019 11:39

Instrument :

MSVOA_U

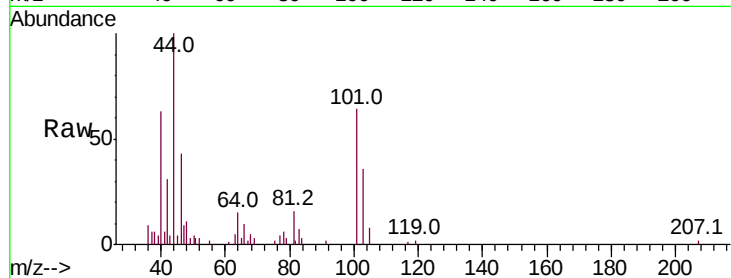
ClientSampled :

Tot Ion:101 Resp: 6252

Ion Ratio Lower Upper

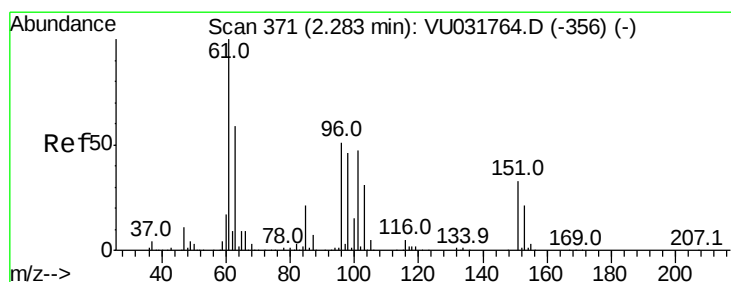
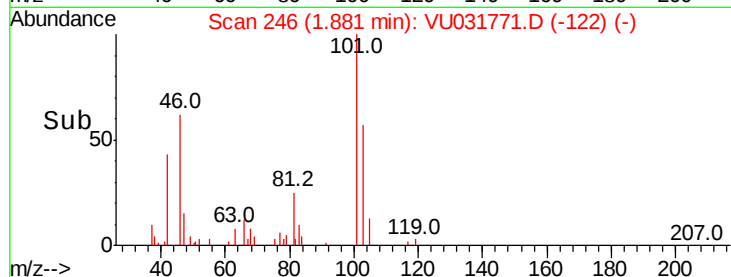
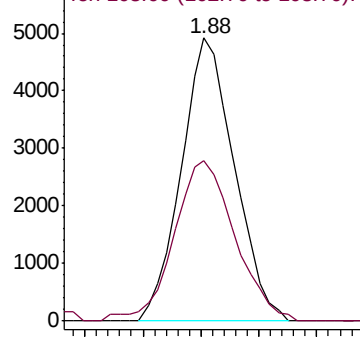
101 100

103 63.8 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.615 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031771.D

Acq: 06 May 2019 11:39

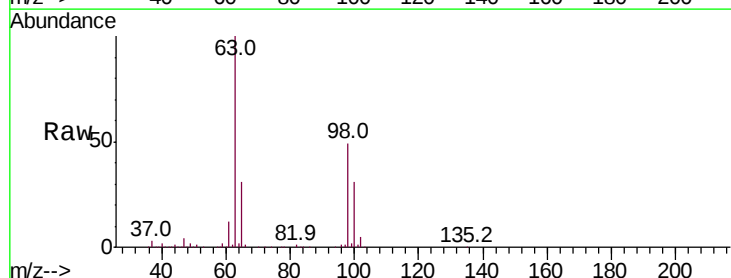
Tgt Ion:101 Resp: 3606

Ion Ratio Lower Upper

101 100

85 1.9 36.1 54.1#

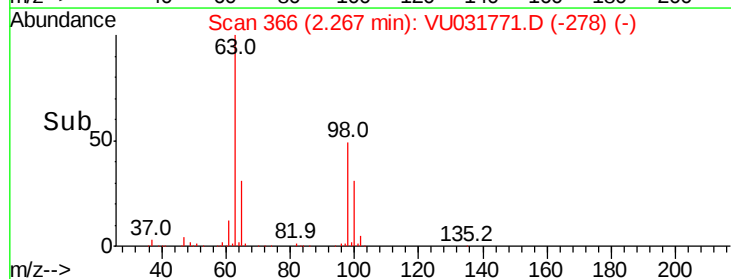
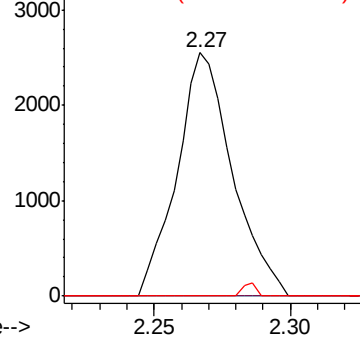
151 1.4 56.1 84.1#

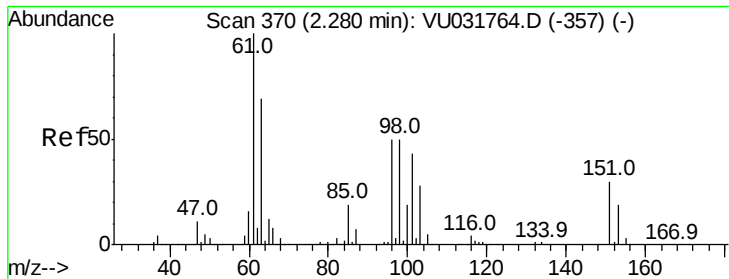


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.551 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031771.D

Acq: 06 May 2019 11:39

Instrument :

MSVOA_U

ClientSampleId :

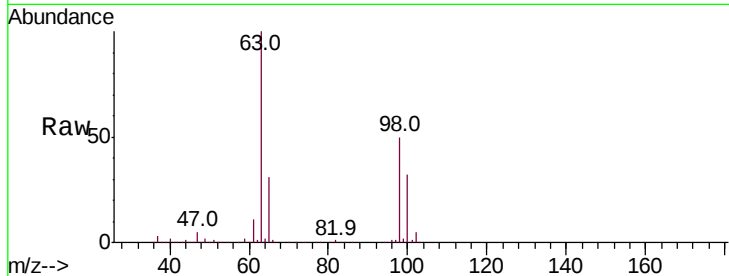
Tot Ion: 96 Resp: 3145

Ion Ratio Lower Upper

96 100

61 1579.9 135.0 250.6#

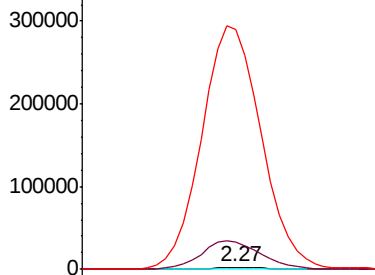
63 14010.2 103.5 192.3#



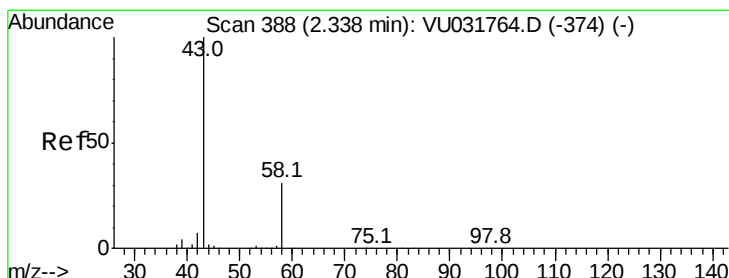
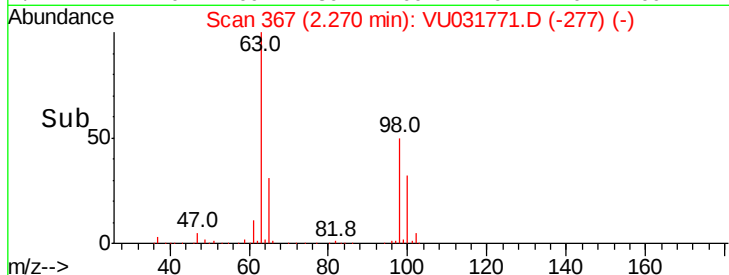
Abundance Ion 96.00 (95.70 to 96.70): VU031771.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU031771.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031771.D (-277) (-)



Time-->



#13

Acetone

Concen: 0.620 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031771.D

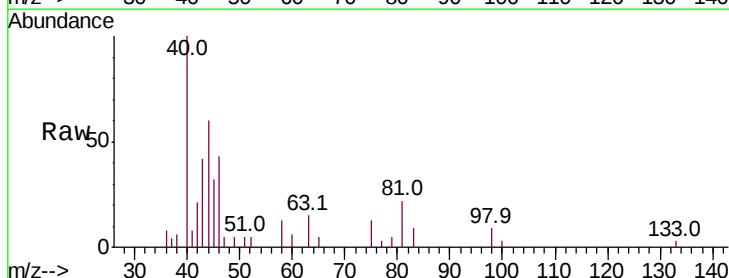
Acq: 06 May 2019 11:39

Tgt Ion: 43 Resp: 3874

Ion Ratio Lower Upper

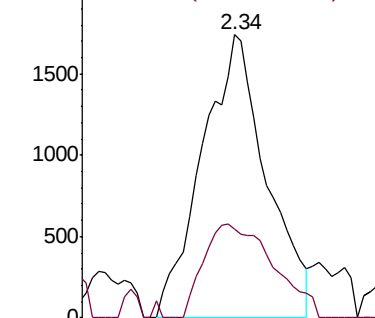
43 100

58 21.9 0.0 64.4

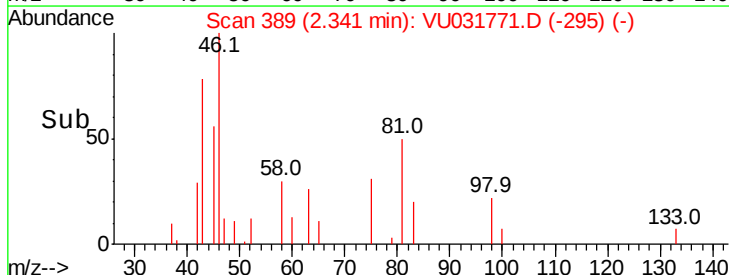


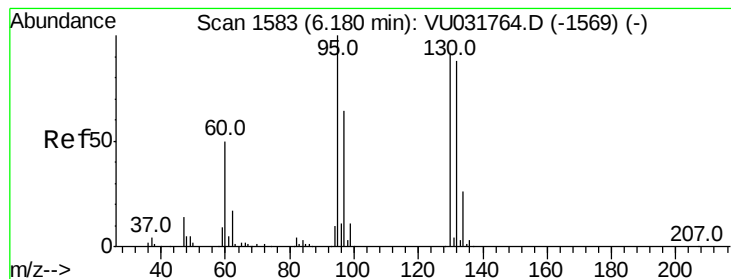
Abundance Ion 43.00 (42.70 to 43.70): VU031771.D (-295) (-)

Ion 58.00 (57.70 to 58.70): VU031771.D (-295) (-)



Time-->





#34

Trichloroethene

Concen: 45.644 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031771.D

Acq: 06 May 2019 11:39

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 95 Resp: 284486

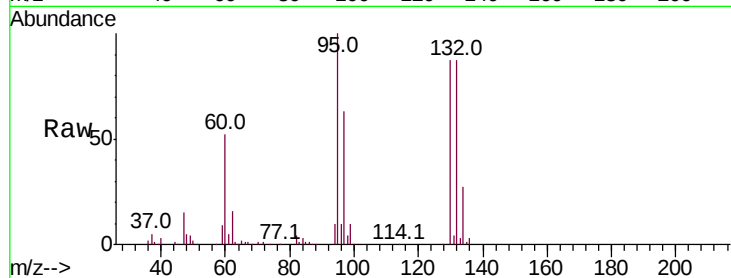
Ion Ratio Lower Upper

95 100

97 63.2 44.8 83.2

132 86.7 63.1 117.1

130 86.7 66.5 123.5

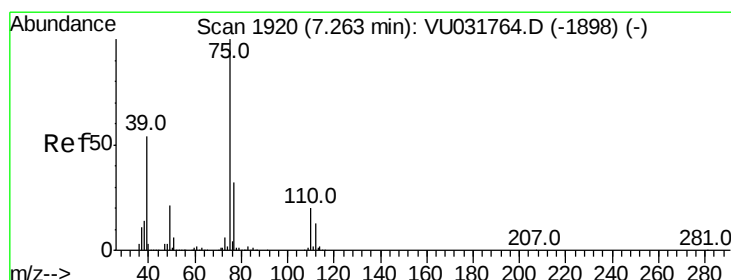
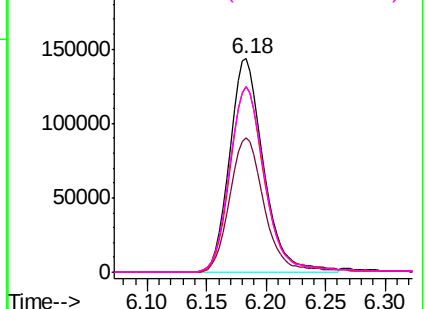
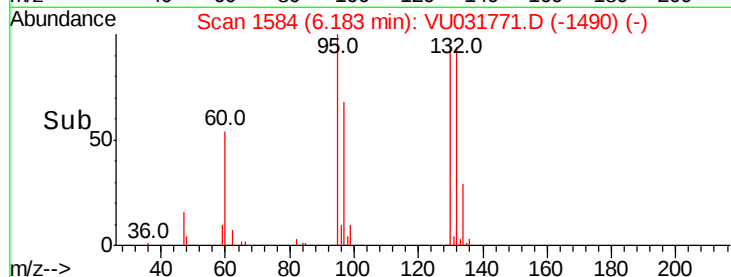


Abundance Ion 95.00 (94.70 to 95.70): VU031771.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031771.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031771.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031771.D (-1569) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.908 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031771.D

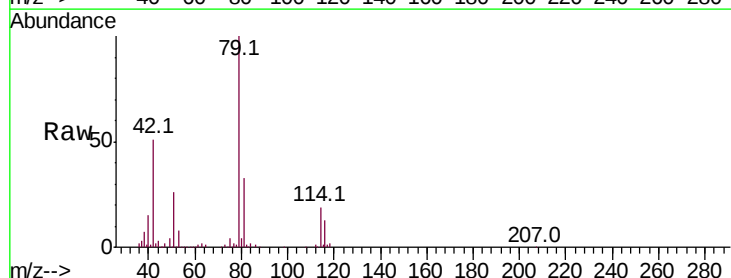
Acq: 06 May 2019 11:39

Tgt Ion: 75 Resp: 8754

Ion Ratio Lower Upper

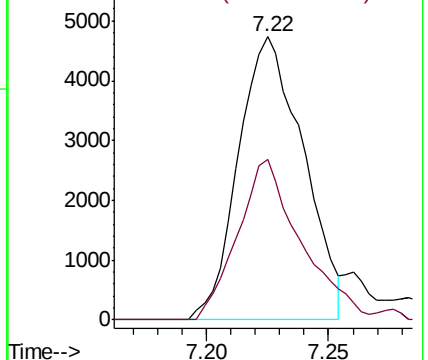
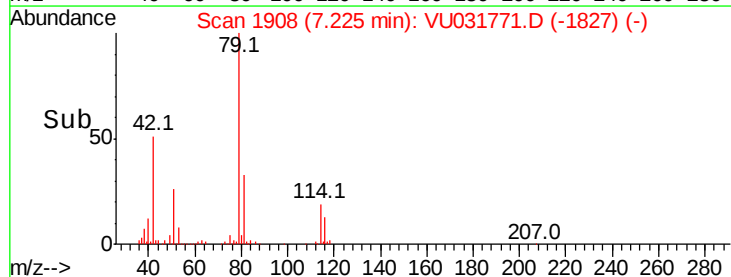
75 100

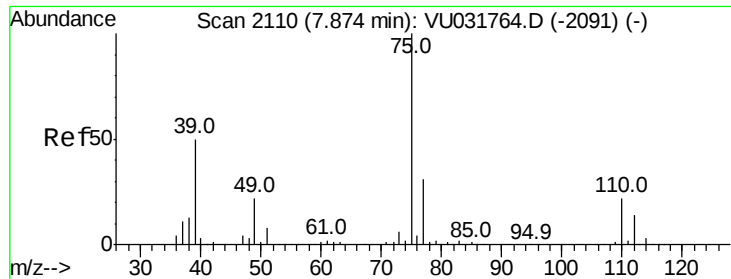
77 56.7 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031771.D (-1827) (-)

Ion 77.00 (76.70 to 77.70): VU031771.D (-1827) (-)

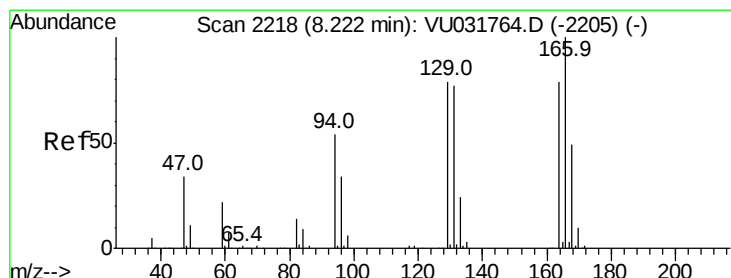
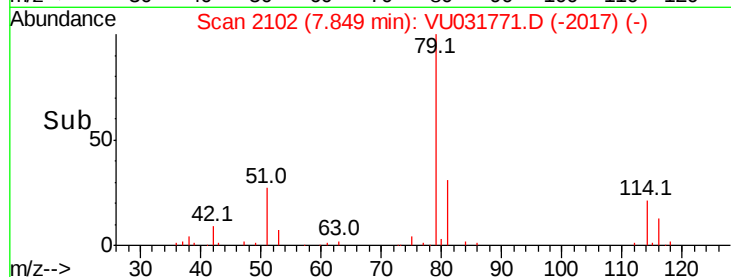
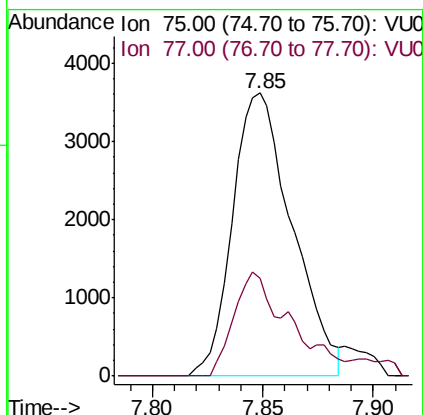
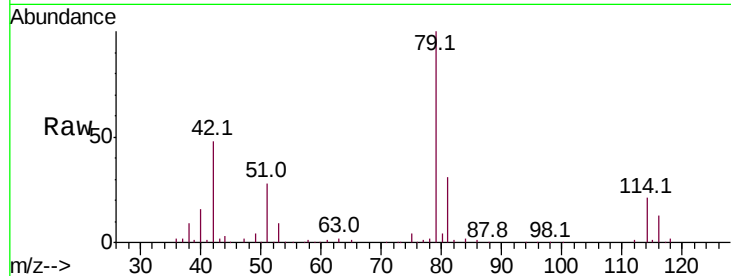




#44
trans-1,3-Dichloropropene
Concen: 0.776 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031771.D
Acq: 06 May 2019 11:39

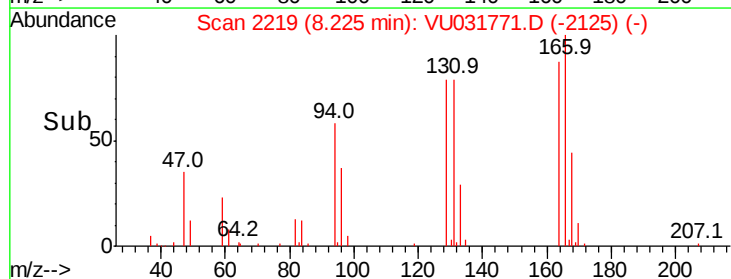
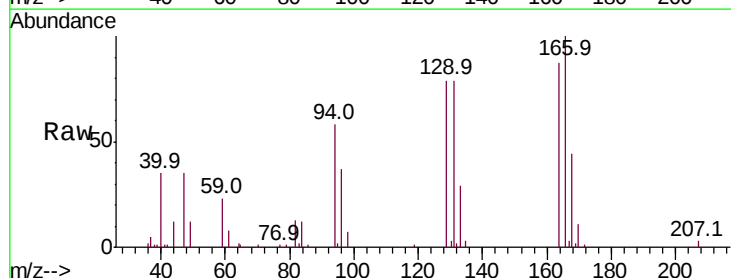
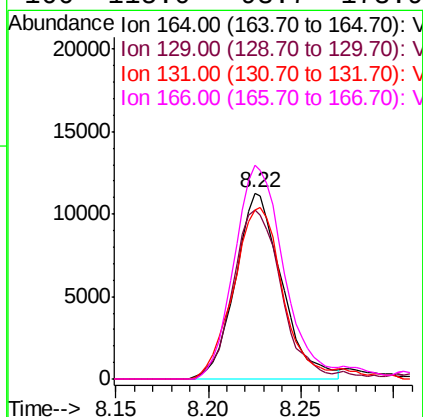
Instrument :
MSVOA_U
ClientSampleId :

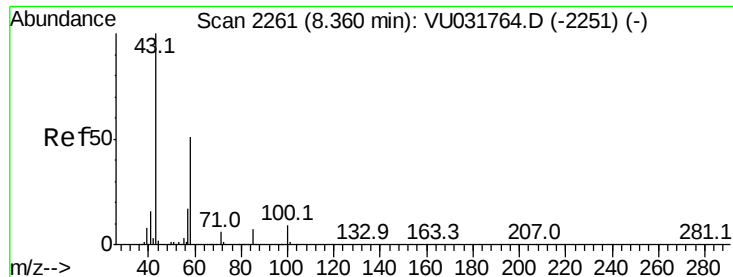
Tot Ion: 75 Resp: 6791
Ion Ratio Lower Upper
75 100
77 34.8 22.1 41.1



#46
Tetrachloroethene
Concen: 4.609 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031771.D
Acq: 06 May 2019 11:39

Tgt Ion:164 Resp: 19583
Ion Ratio Lower Upper
164 100
129 91.1 71.5 132.9
131 90.9 69.0 128.2
166 115.0 93.7 173.9





#48
 2-Hexanone
 Concen: 4.082 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031771.D
 Acq: 06 May 2019 11:39

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	3.7	42.1	63.1#
57	0.0	14.6	22.0#
100	2.3	7.2	10.8#

