

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031775.D
 Acq On : 06 May 2019 13:13
 Operator : JC/SP
 Sample : K2595-03 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:49:31 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	718124	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	686303	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	247842	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	296232	49.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.58%
7) Chloroethane-d5	1.68	69	240926	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.74%
11) 1,1-Dichloroethene-d2	2.27	63	451102	37.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.38%
21) 2-Butanone-d5	4.18	46	662840	121.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.72%
24) Chloroform-d	4.64	84	557148	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.24%
26) 1,2-Dichloroethane-d4	5.31	65	391745	54.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.94%
32) Benzene-d6	5.34	84	1060712	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
36) 1,2-Dichloropropane-d6	6.33	67	392522	52.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.88%
41) Toluene-d8	7.56	98	839290	45.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.44%
43) trans-1,3-Dichloropropene-	7.85	79	153845	48.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.68%
47) 2-Hexanone-d5	8.31	63	358556	111.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	511458	51.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	271604	52.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.22%

Target Compounds

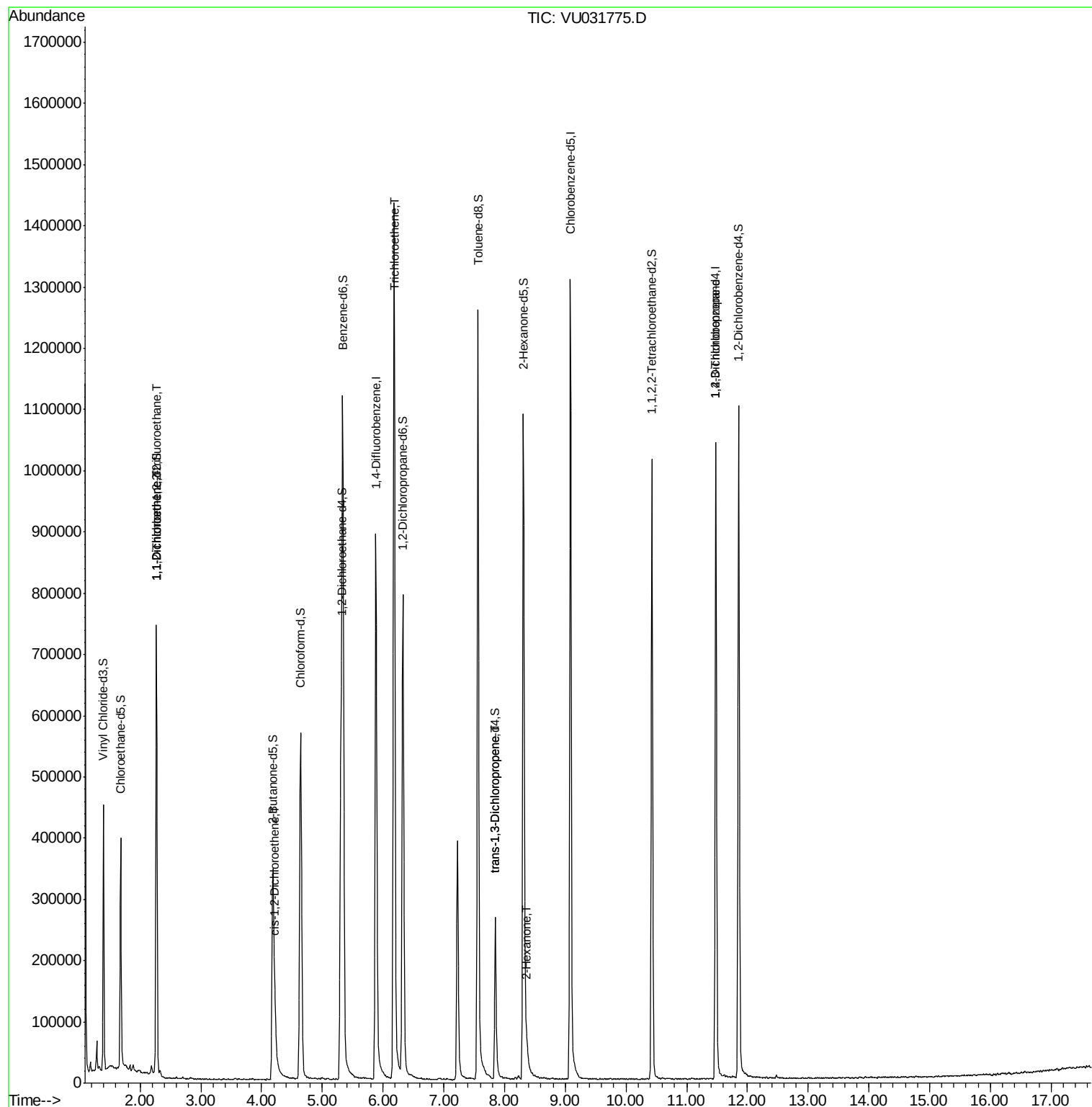
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3345	0.581 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3280	0.585 ug/L #	1
20) cis-1,2-Dichloroethene	4.23	96	11146	1.780 ug/L	86
34) Trichloroethene	6.18	95	533101	87.158 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	6191	0.721 ug/L	93
48) 2-Hexanone	8.37	43	33420	3.749 ug/L #	40
59) 1,2,3-Trichloropropane	11.48	75	36290	4.273 ug/L	92

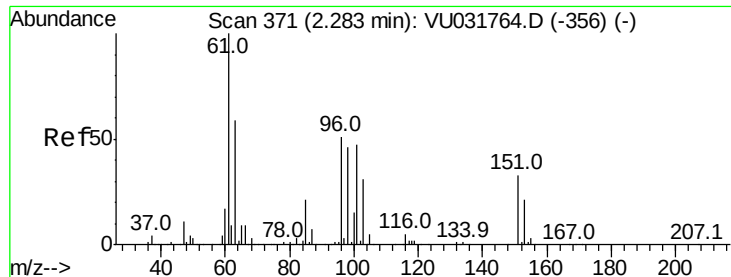
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#10

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

Concen: 0.581 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031775.D

Acq: 06 May 2019 13:13

Instrument :

MSVOA_U

ClientSampled :

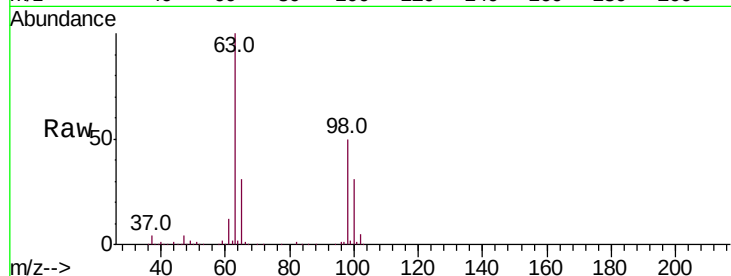
Tot Ion:101 Resp: 3345

Ion Ratio Lower Upper

101 100

85 1.2 36.1 54.1#

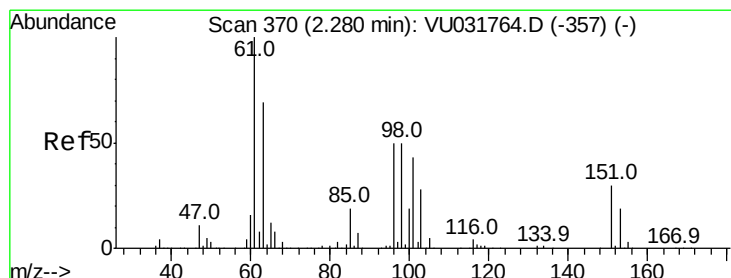
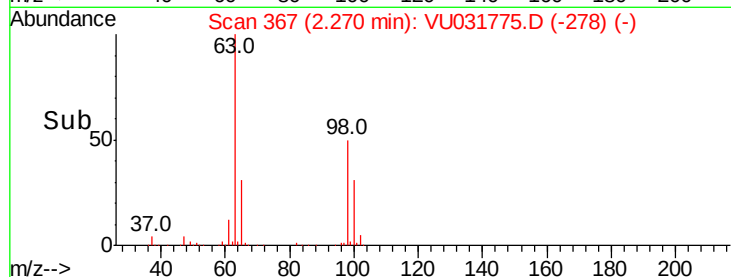
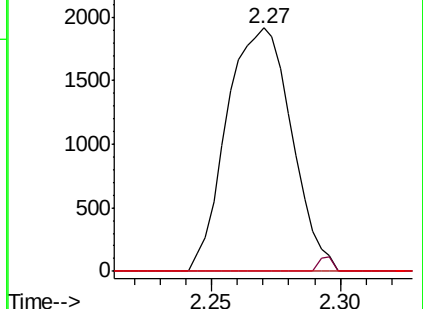
151 0.0 56.1 84.1#



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



#12

1,1-Dichloroethene

Concen: 0.585 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031775.D

Acq: 06 May 2019 13:13

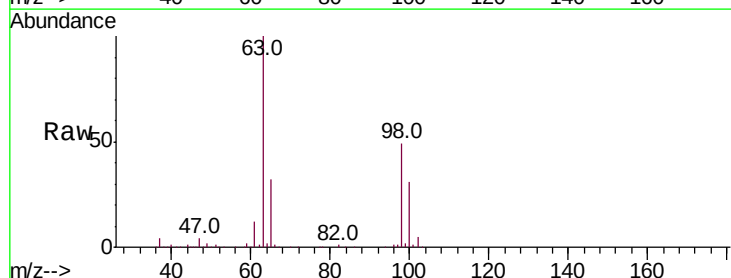
Tgt Ion: 96 Resp: 3280

Ion Ratio Lower Upper

96 100

61 1694.5 135.0 250.6#

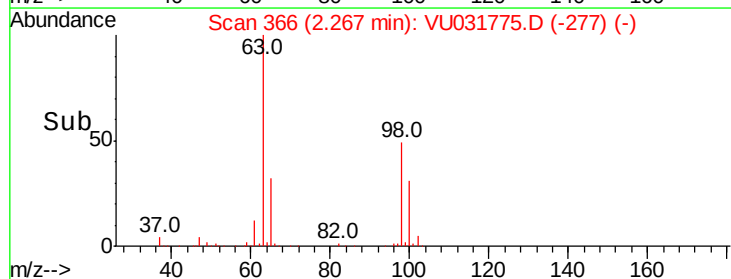
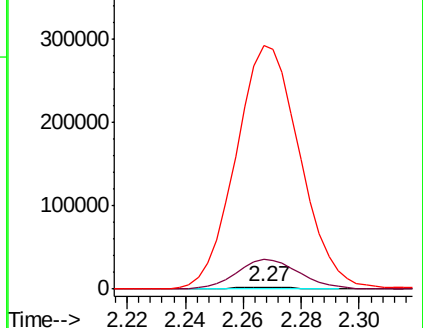
63 14086.8 103.5 192.3#

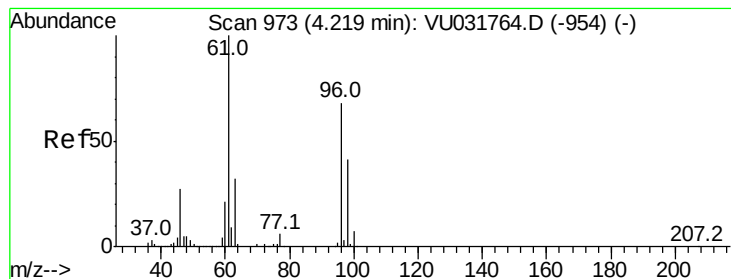


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 1.780 ug/L

RT: 4.23 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU031775.D

Acq: 06 May 2019 13:13

Instrument :
MSVOA_U
ClientSampleId :

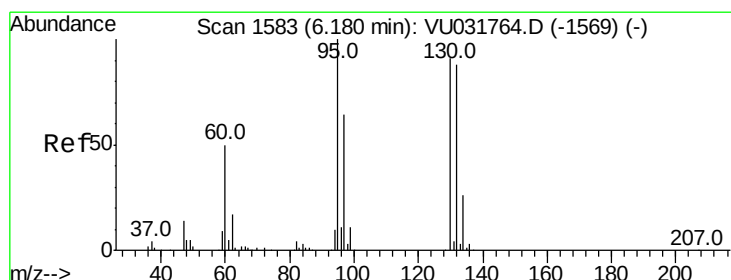
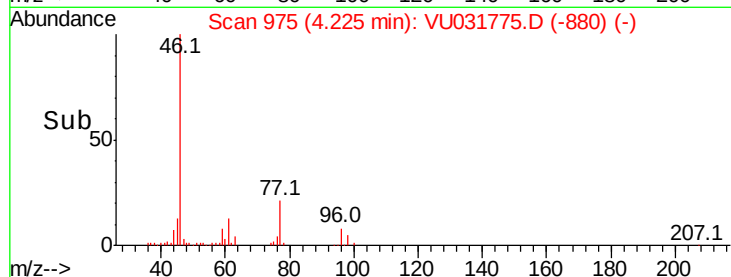
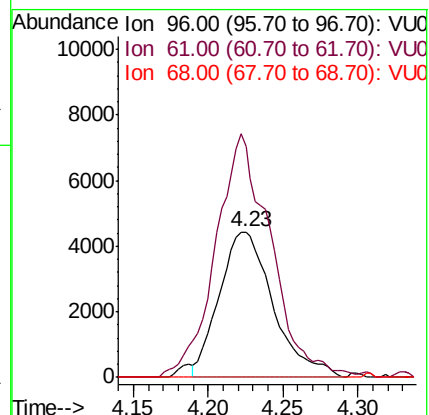
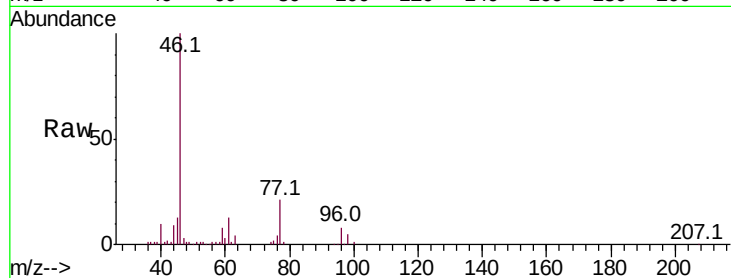
Tot Ion: 96 Resp: 11146

Ion Ratio Lower Upper

96 100

61 158.7 99.5 184.7

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 87.158 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031775.D

Acq: 06 May 2019 13:13

Tgt Ion: 95 Resp: 533101

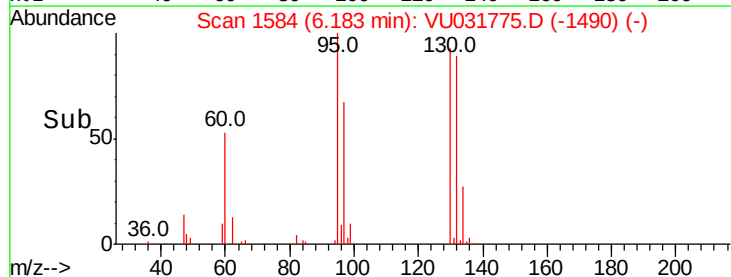
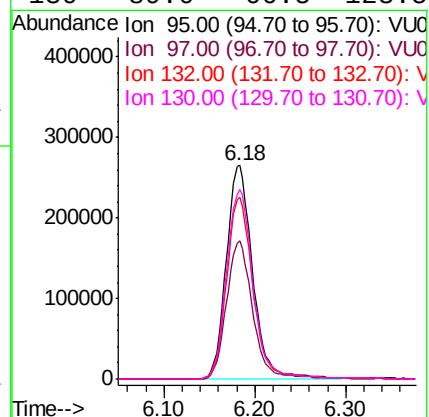
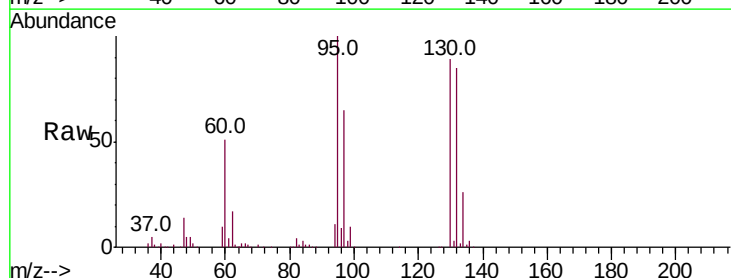
Ion Ratio Lower Upper

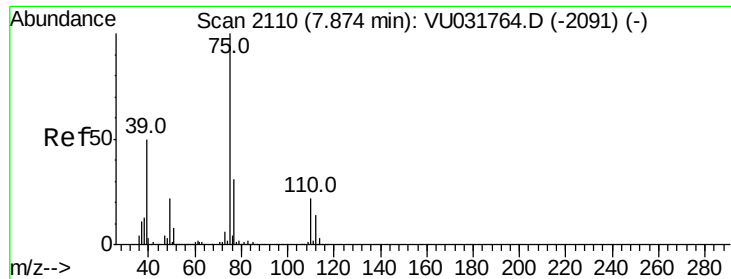
95 100

97 64.5 44.8 83.2

132 85.2 63.1 117.1

130 89.0 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.721 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031775.D

Acq: 06 May 2019 13:13

Instrument :

MSVOA_U

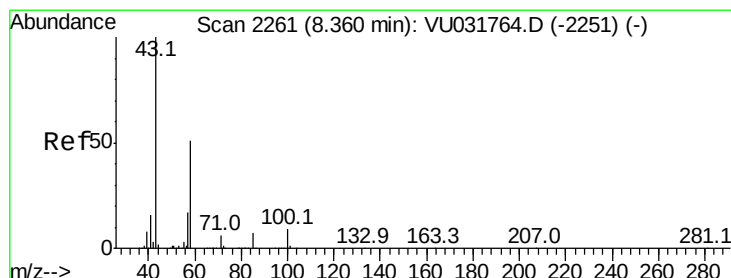
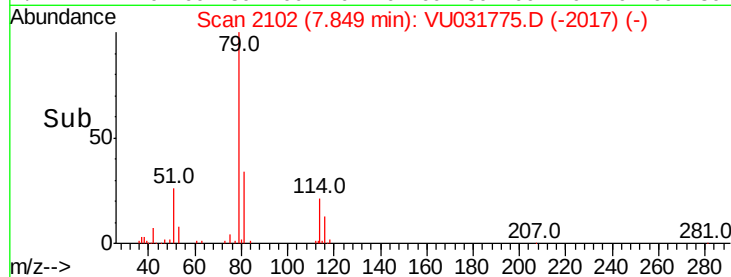
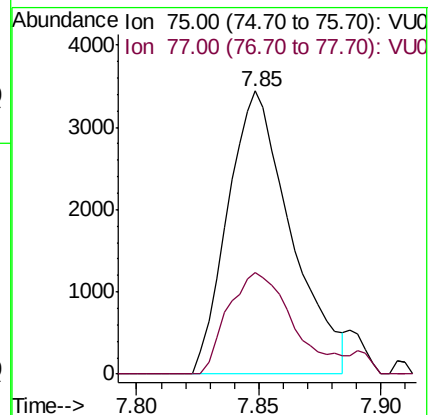
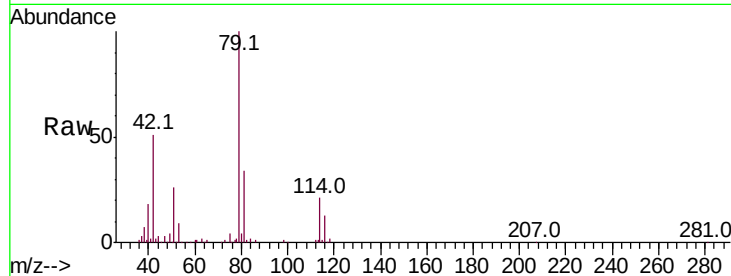
ClientSampleId :

Tot Ion: 75 Resp: 6191

Ion Ratio Lower Upper

75 100

77 35.7 22.1 41.1



#48

2-Hexanone

Concen: 3.749 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031775.D

Acq: 06 May 2019 13:13

Tgt Ion: 43 Resp: 33420

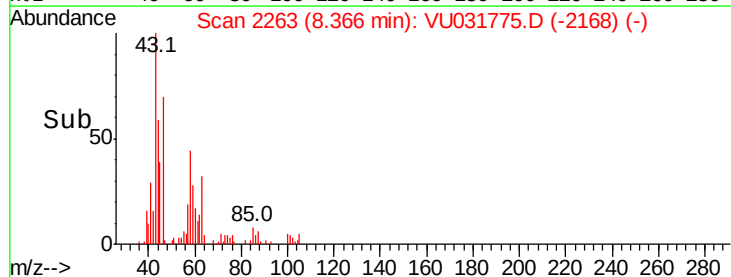
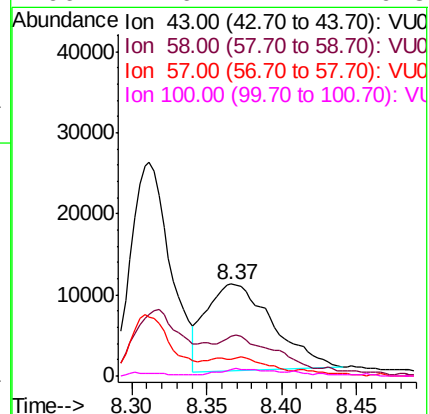
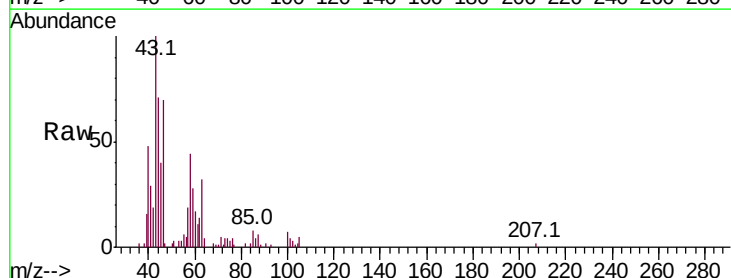
Ion Ratio Lower Upper

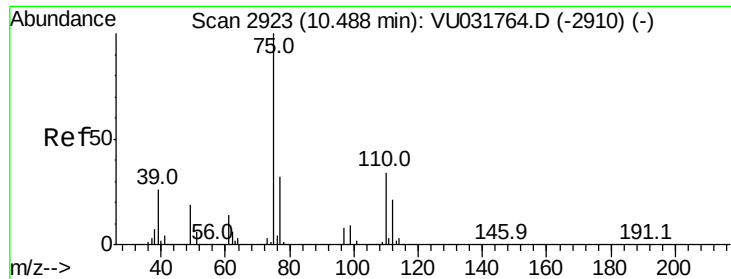
43 100

58 0.0 42.1 63.1#

57 0.0 14.6 22.0#

100 2.6 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.273 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031775.D

Acq: 06 May 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 36290

Ion Ratio Lower Upper

75 100

77 36.9 25.9 38.9

