

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031773.D
 Acq On : 06 May 2019 12:26
 Operator : JC/SP
 Sample : K2595-13 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:49:19 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	736064	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	698679	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251893	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	296668	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.32%
7) Chloroethane-d5	1.68	69	235400	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.90%
11) 1,1-Dichloroethene-d2	2.27	63	454562	37.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.10%
21) 2-Butanone-d5	4.18	46	658758	118.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.03%
24) Chloroform-d	4.64	84	564068	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.31	65	390161	52.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.86%
32) Benzene-d6	5.34	84	1067972	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
36) 1,2-Dichloropropane-d6	6.32	67	393292	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.20%
41) Toluene-d8	7.56	98	871237	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%
43) trans-1,3-Dichloropropene-	7.85	79	154344	47.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.26%
47) 2-Hexanone-d5	8.31	63	363363	111.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	522155	51.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	273318	51.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.18%

Target Compounds

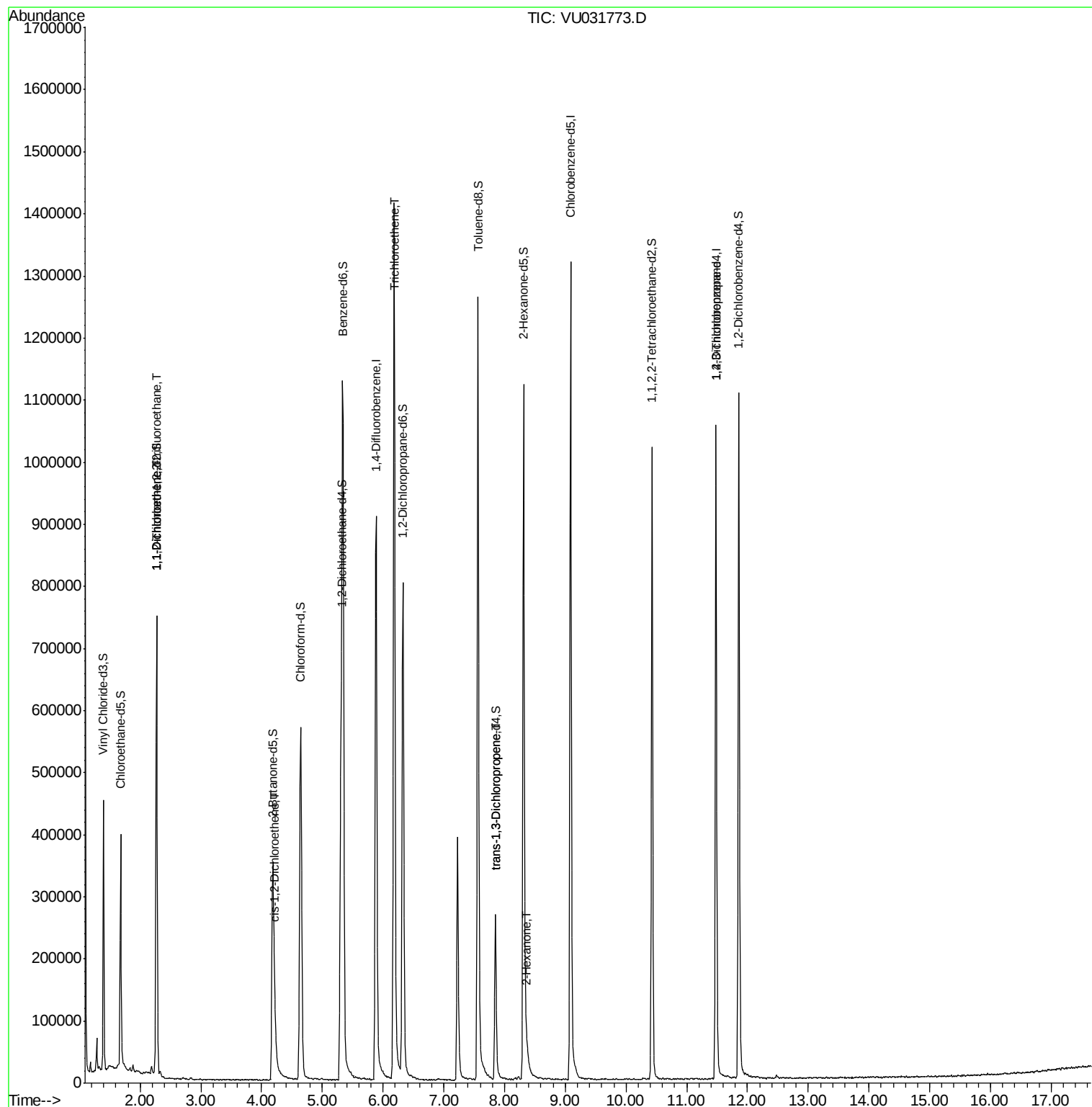
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3796	0.643 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3228	0.562 ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	10993	1.713 ug/L	88
34) Trichloroethene	6.18	95	531641	85.380 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	6279	0.718 ug/L	92
48) 2-Hexanone	8.37	43	23879	2.631 ug/L #	55
59) 1,2,3-Trichloropropane	11.48	75	37052	4.285 ug/L	96

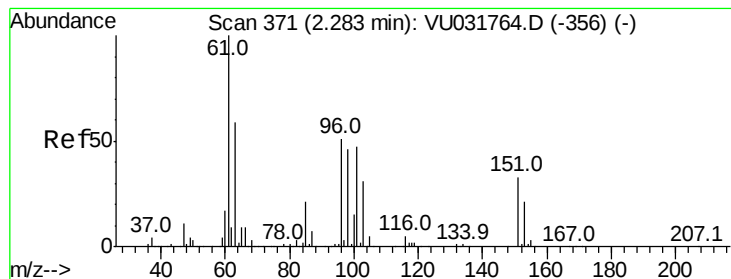
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration





#10

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

Concen: 0.643 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031773.D

Acq: 06 May 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

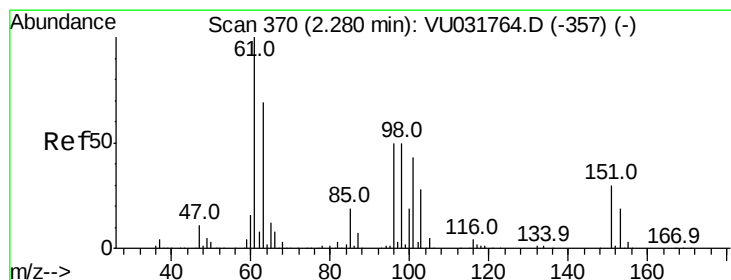
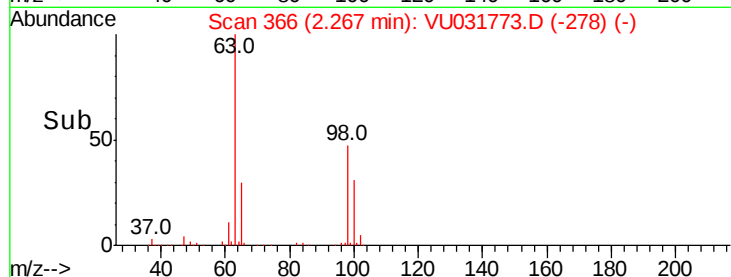
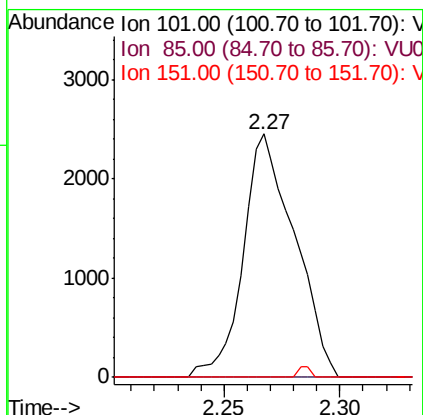
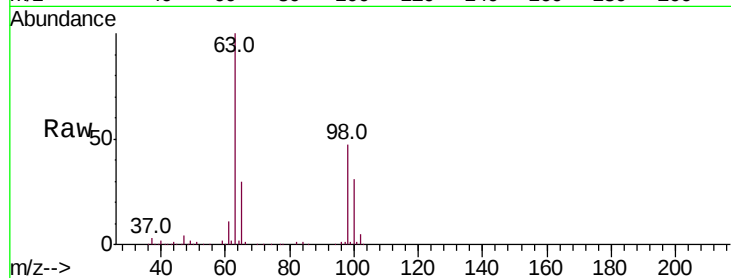
Tot Ion:101 Resp: 3796

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 1.1 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.562 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031773.D

Acq: 06 May 2019 12:26

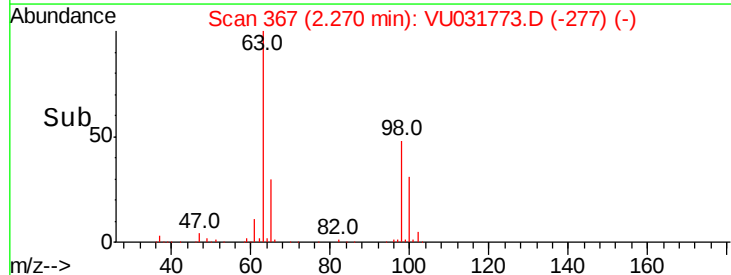
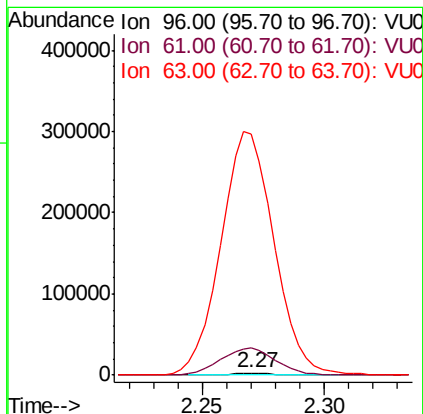
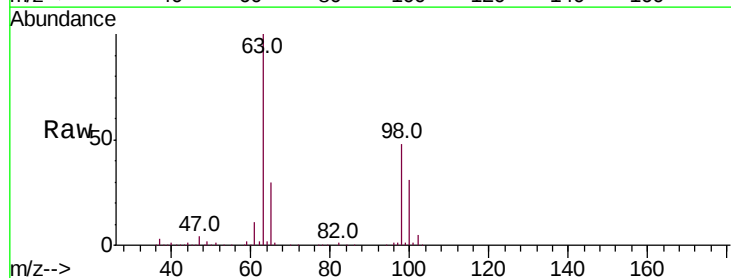
Tgt Ion: 96 Resp: 3228

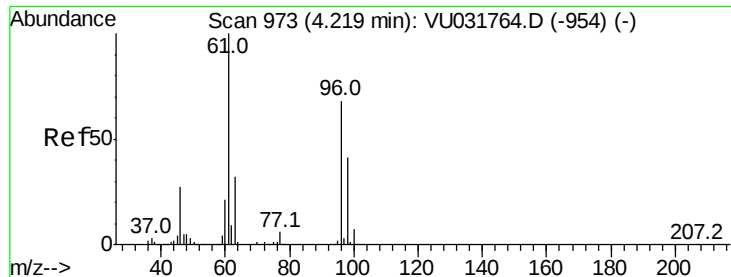
Ion Ratio Lower Upper

96 100

61 1525.3 135.0 250.6#

63 13668.4 103.5 192.3#



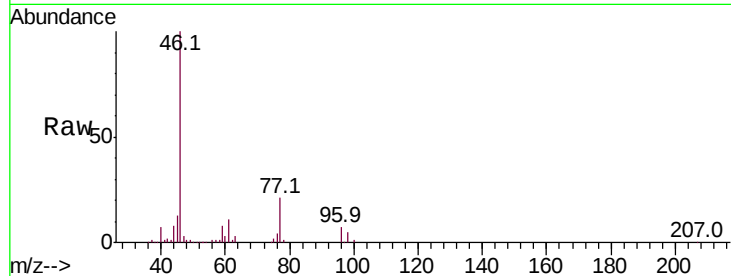


#20

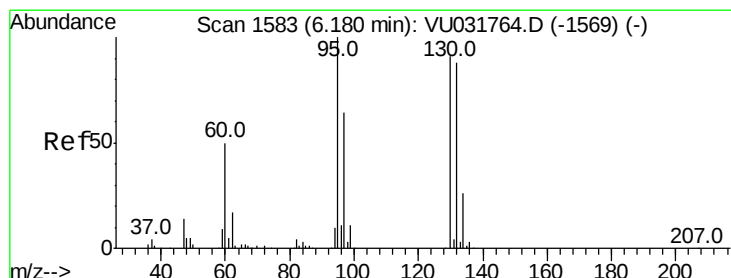
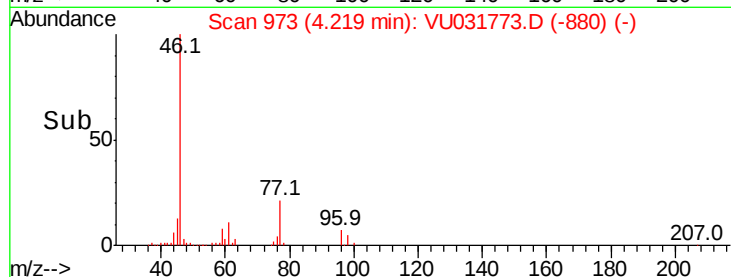
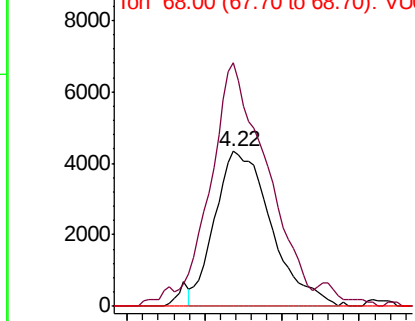
cis-1,2-Dichloroethene
Concen: 1.713 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031773.D
Acq: 06 May 2019 12:26

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 10993
Ion Ratio Lower Upper
96 100
61 156.8 99.5 184.7
68 0.0 0.0 0.0



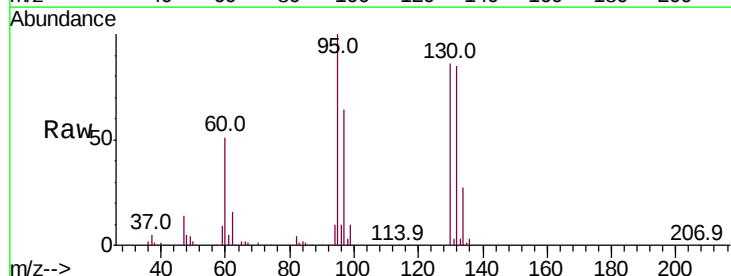
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



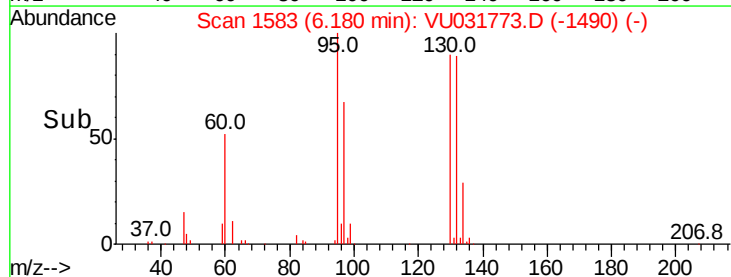
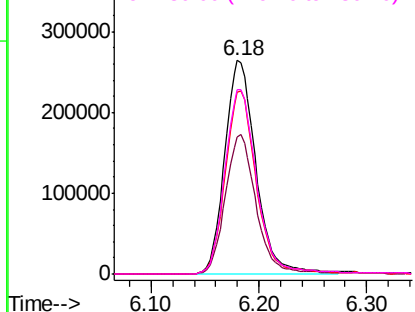
#34

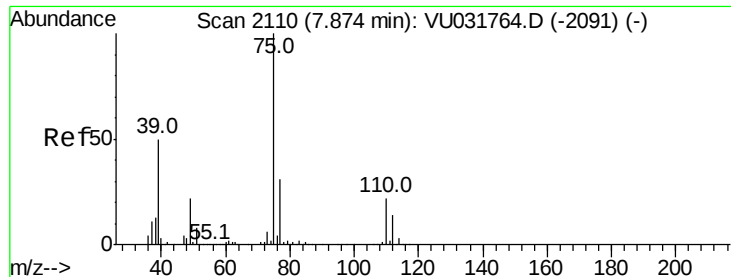
Trichloroethene
Concen: 85.380 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU031773.D
Acq: 06 May 2019 12:26

Tgt Ion: 95 Resp: 531641
Ion Ratio Lower Upper
95 100
97 64.1 44.8 83.2
132 85.0 63.1 117.1
130 86.0 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

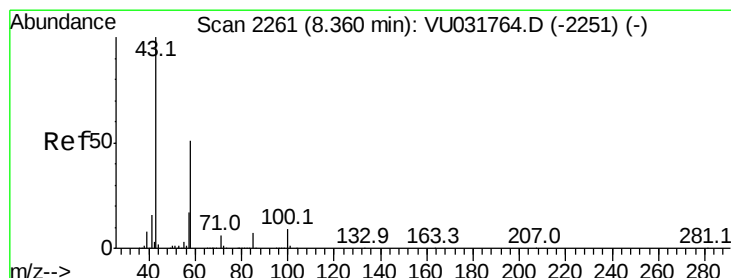
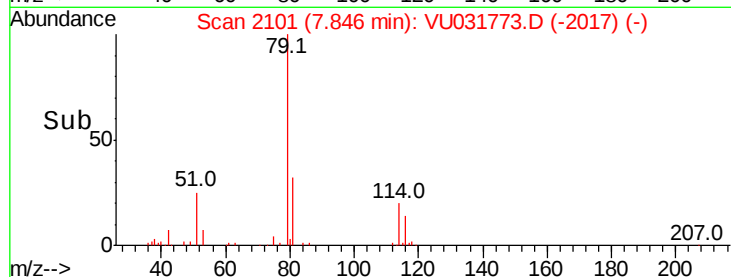
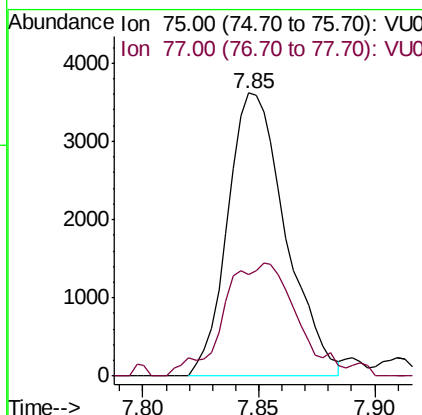
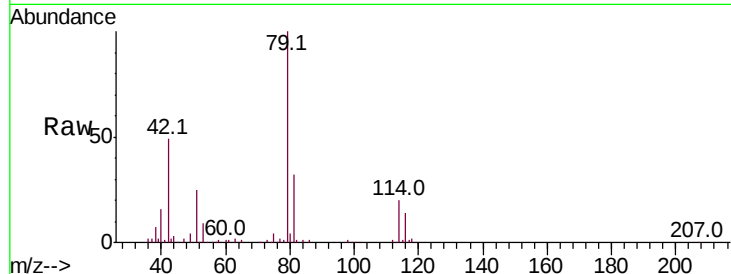




#44
trans-1,3-Dichloropropene
Concen: 0.718 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU031773.D
Acq: 06 May 2019 12:26

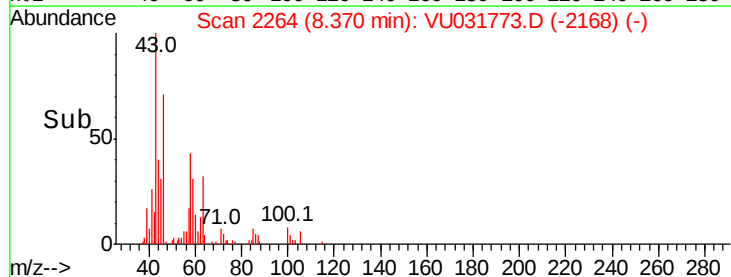
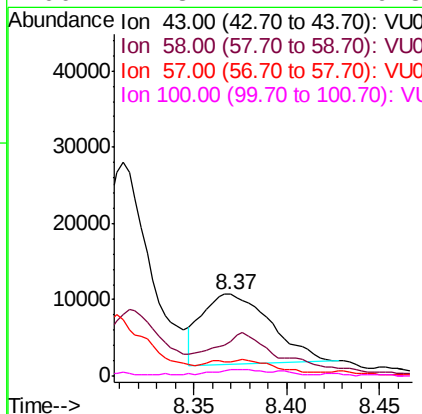
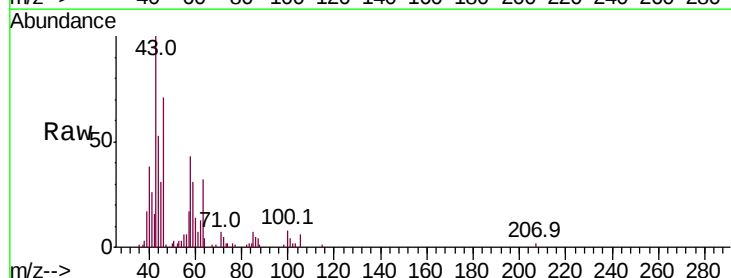
Instrument :
MSVOA_U
ClientSampleId :

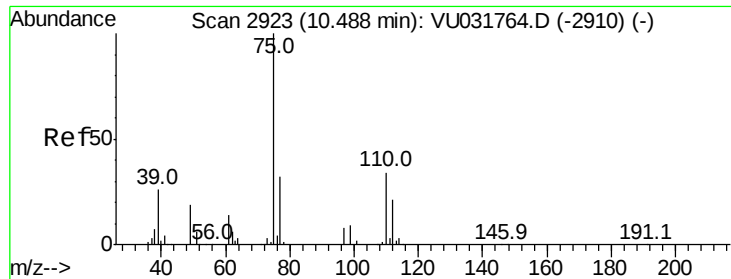
Tot Ion: 75 Resp: 6279
Ion Ratio Lower Upper
75 100
77 36.0 22.1 41.1



#48
2-Hexanone
Concen: 2.631 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031773.D
Acq: 06 May 2019 12:26

Tgt Ion: 43 Resp: 23879
Ion Ratio Lower Upper
43 100
58 14.3 42.1 63.1#
57 1.2 14.6 22.0#
100 7.3 7.2 10.8





#59

1,2,3-Trichloropropane

Concen: 4.285 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031773.D

Acq: 06 May 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 37052

Ion Ratio Lower Upper

75 100

77 34.6 25.9 38.9

