

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031768.D
 Acq On : 06 May 2019 10:29
 Operator : JC/SP
 Sample : K2690-25RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:48:46 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	704784	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	703637	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	270064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	293995	49.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.68%
7) Chloroethane-d5	1.68	69	237728	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.30%
11) 1,1-Dichloroethene-d2	2.27	63	444689	37.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.72%
21) 2-Butanone-d5	4.18	46	655461	122.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.65%
24) Chloroform-d	4.64	84	548543	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	5.31	65	386601	54.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.56%
32) Benzene-d6	5.34	84	1066818	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
36) 1,2-Dichloropropane-d6	6.32	67	393138	51.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.44%
41) Toluene-d8	7.56	98	841382	44.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.42%
43) trans-1,3-Dichloropropene-	7.85	79	159798	48.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.94%
47) 2-Hexanone-d5	8.31	63	371160	112.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	514982	50.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	285313	50.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.48%

Target Compounds

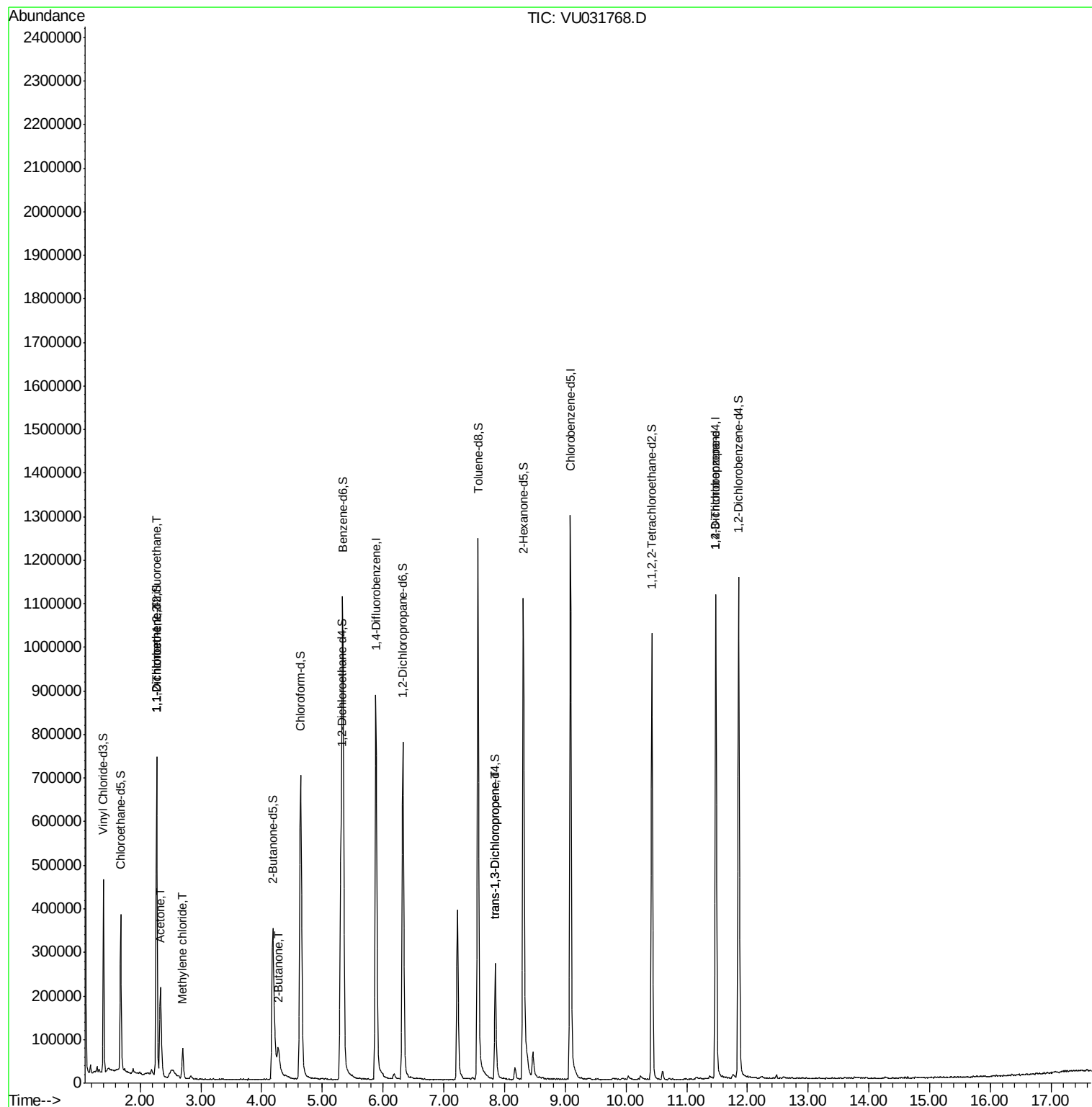
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3737	0.661 ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3098	0.563 ug/L #	1
13) Acetone	2.33	43	268218	44.554 ug/L	95
16) Methylene chloride	2.70	84	27683	4.266 ug/L	94
22) 2-Butanone	4.28	43	117664	17.642 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	5714	0.649 ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	38396	4.410 ug/L	91

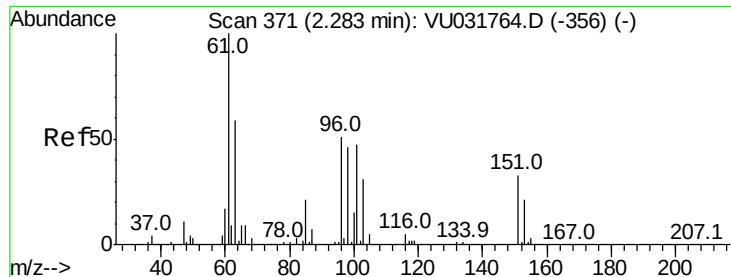
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 08:38:32 2019
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#10

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

Concen: 0.661 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031768.D

Acq: 06 May 2019 10:29

Instrument :

MSVOA_U

ClientSampleId :

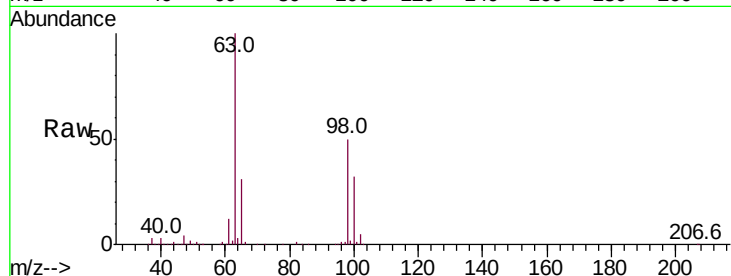
Tot Ion:101 Resp: 3737

Ion Ratio Lower Upper

101 100

85 1.4 36.1 54.1#

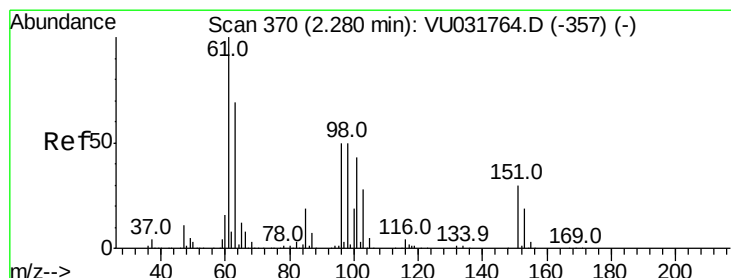
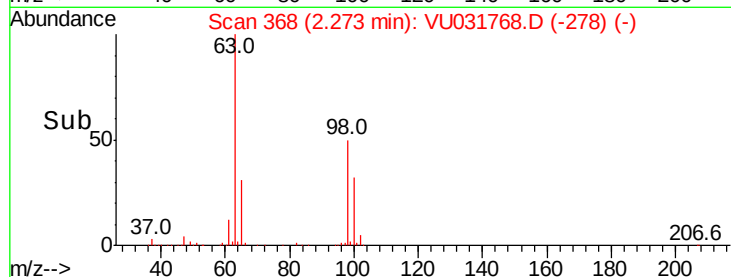
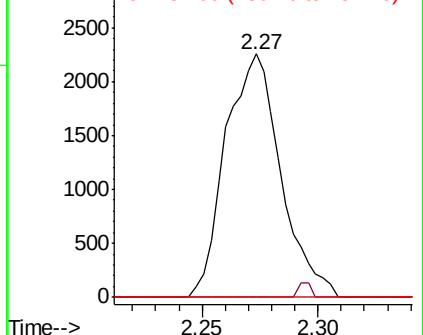
151 1.1 56.1 84.1#



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: 0.563 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031768.D

Acq: 06 May 2019 10:29

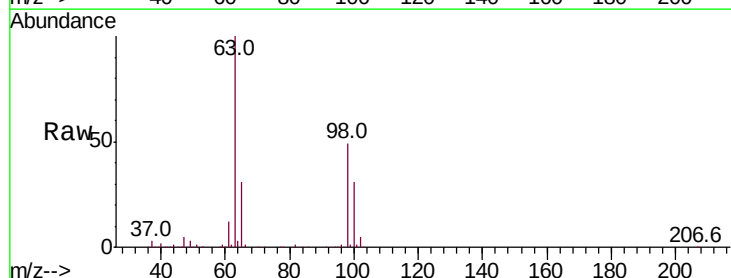
Tgt Ion: 96 Resp: 3098

Ion Ratio Lower Upper

96 100

61 1679.2 135.0 250.6#

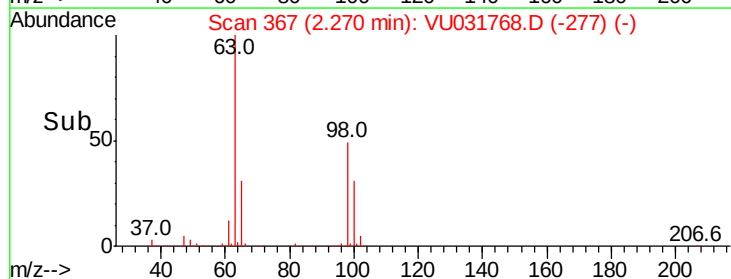
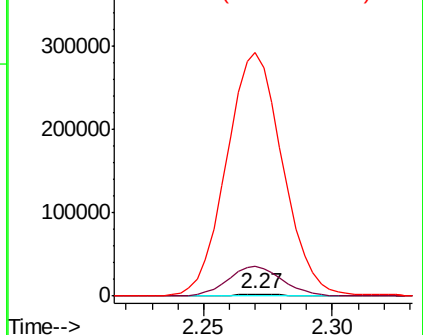
63 13903.2 103.5 192.3#

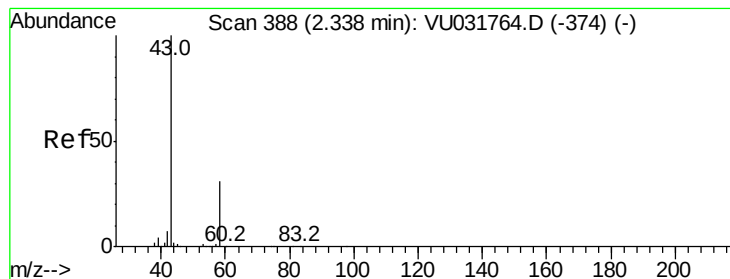


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 44.554 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU031768.D

Acq: 06 May 2019 10:29

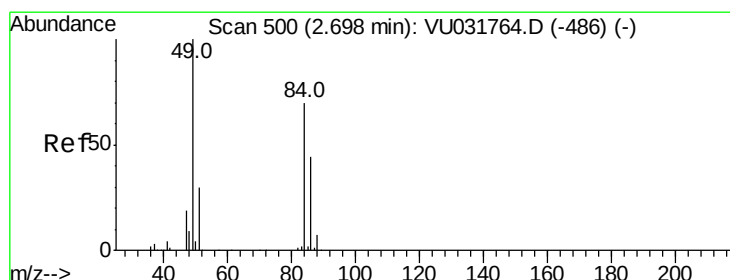
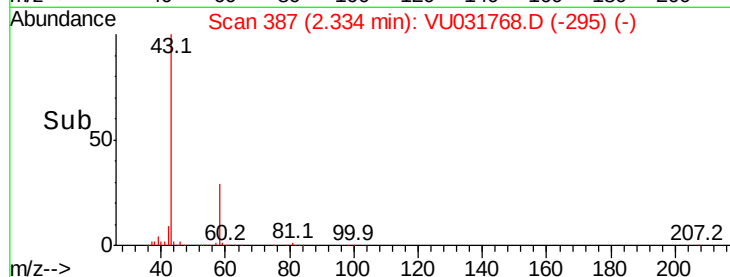
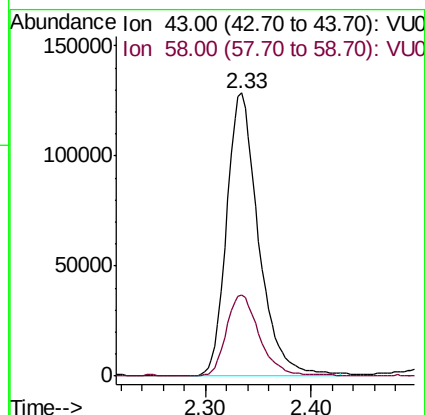
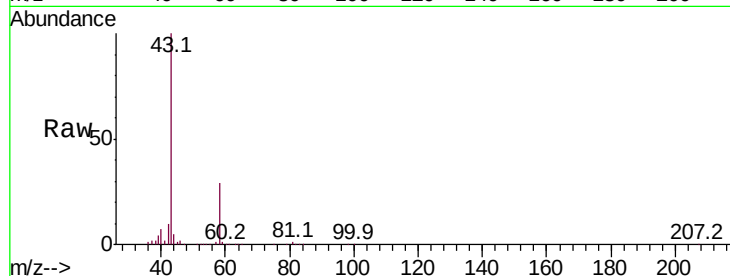
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 268218

Ion Ratio Lower Upper

43 100

58 29.5 0.0 64.4



#16

Methylene chloride

Concen: 4.266 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU031768.D

Acq: 06 May 2019 10:29

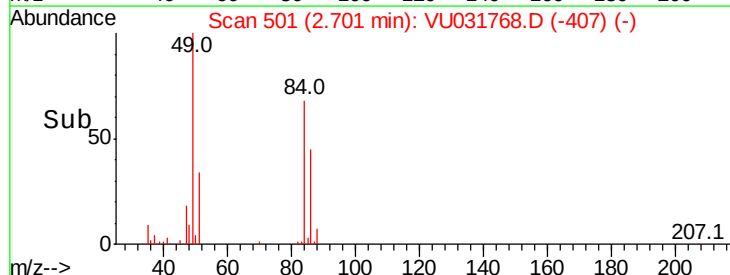
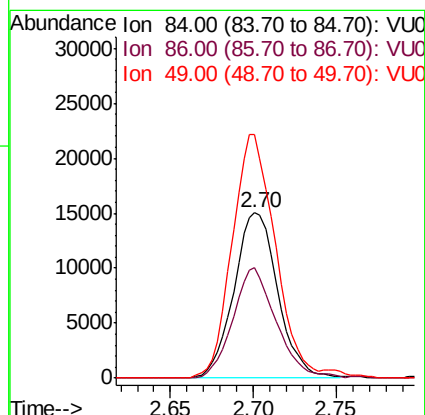
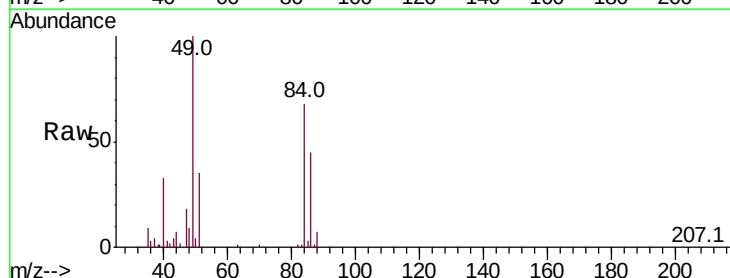
Tgt Ion: 84 Resp: 27683

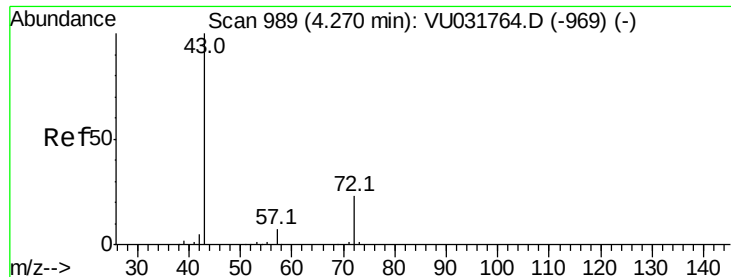
Ion Ratio Lower Upper

84 100

86 66.7 44.7 83.1

49 147.2 96.5 179.3





#22

2-Butanone

Concen: 17.642 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU031768.D

Acq: 06 May 2019 10:29

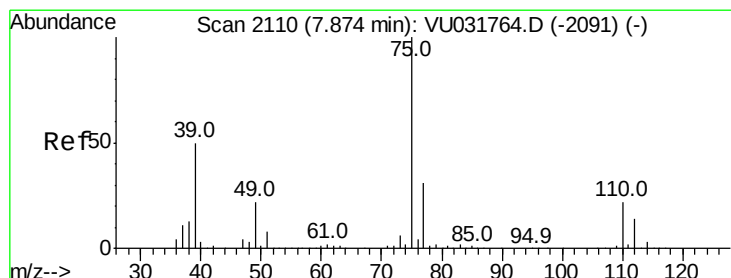
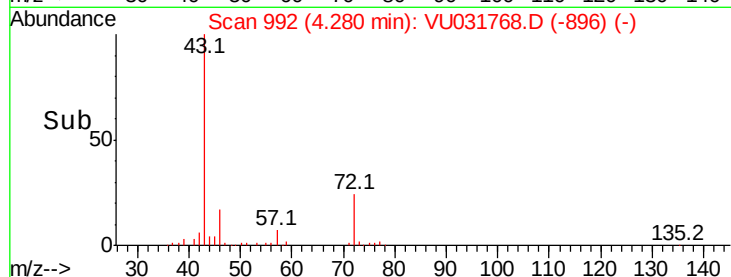
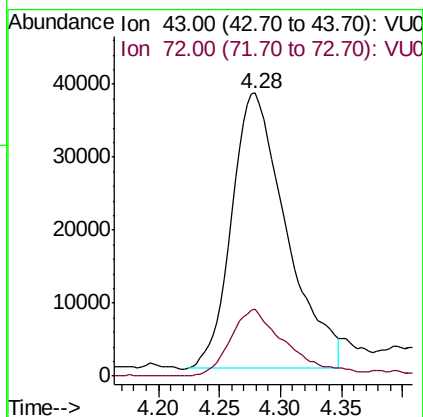
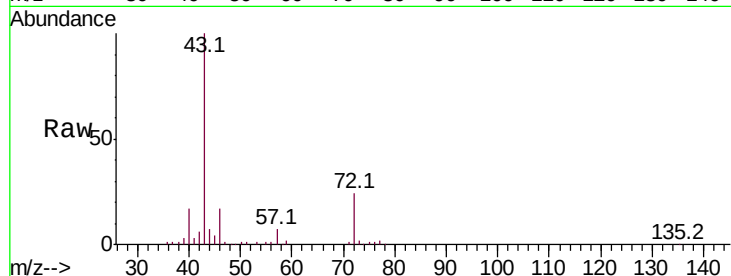
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 117664

Ion Ratio Lower Upper

43 100

72 24.4 11.4 34.2



#44

trans-1,3-Dichloropropene

Concen: 0.649 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031768.D

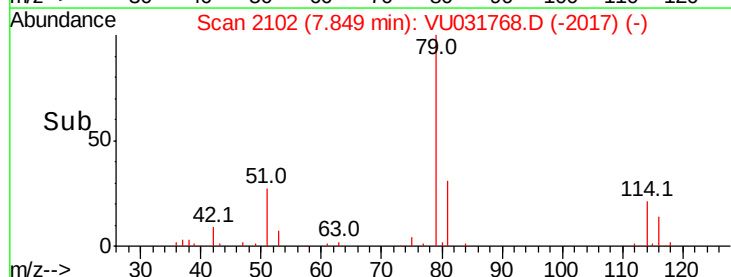
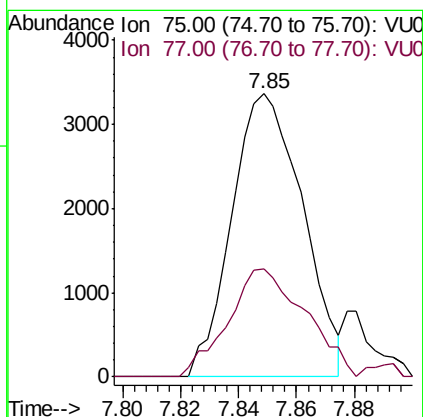
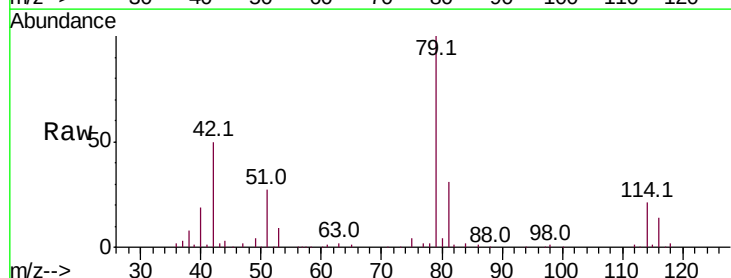
Acq: 06 May 2019 10:29

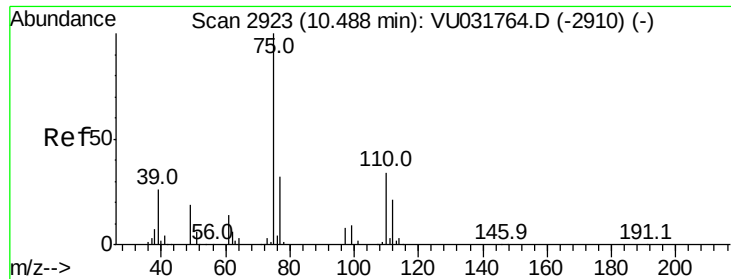
Tgt Ion: 75 Resp: 5714

Ion Ratio Lower Upper

75 100

77 38.3 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 4.410 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031768.D

Acq: 06 May 2019 10:29

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 38396

Ion Ratio Lower Upper

75 100

77 37.6 25.9 38.9

