

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121420\
 Data File : VU041604.D
 Acq On : 14 Dec 2020 11:47
 Operator : SY/MD
 Sample : L5023-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Dec 14 12:41:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 14 12:40:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	128585	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	64315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	49933	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.92	69	40669	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.58	63	70987	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.66	46	156235	54.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.20%
24) Chloroform-d	5.08	84	87812	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.72	65	51305	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.74	84	179641	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	56771	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.90	98	156978	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.19	79	25114	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.64	63	137266	46.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51966	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	58237	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

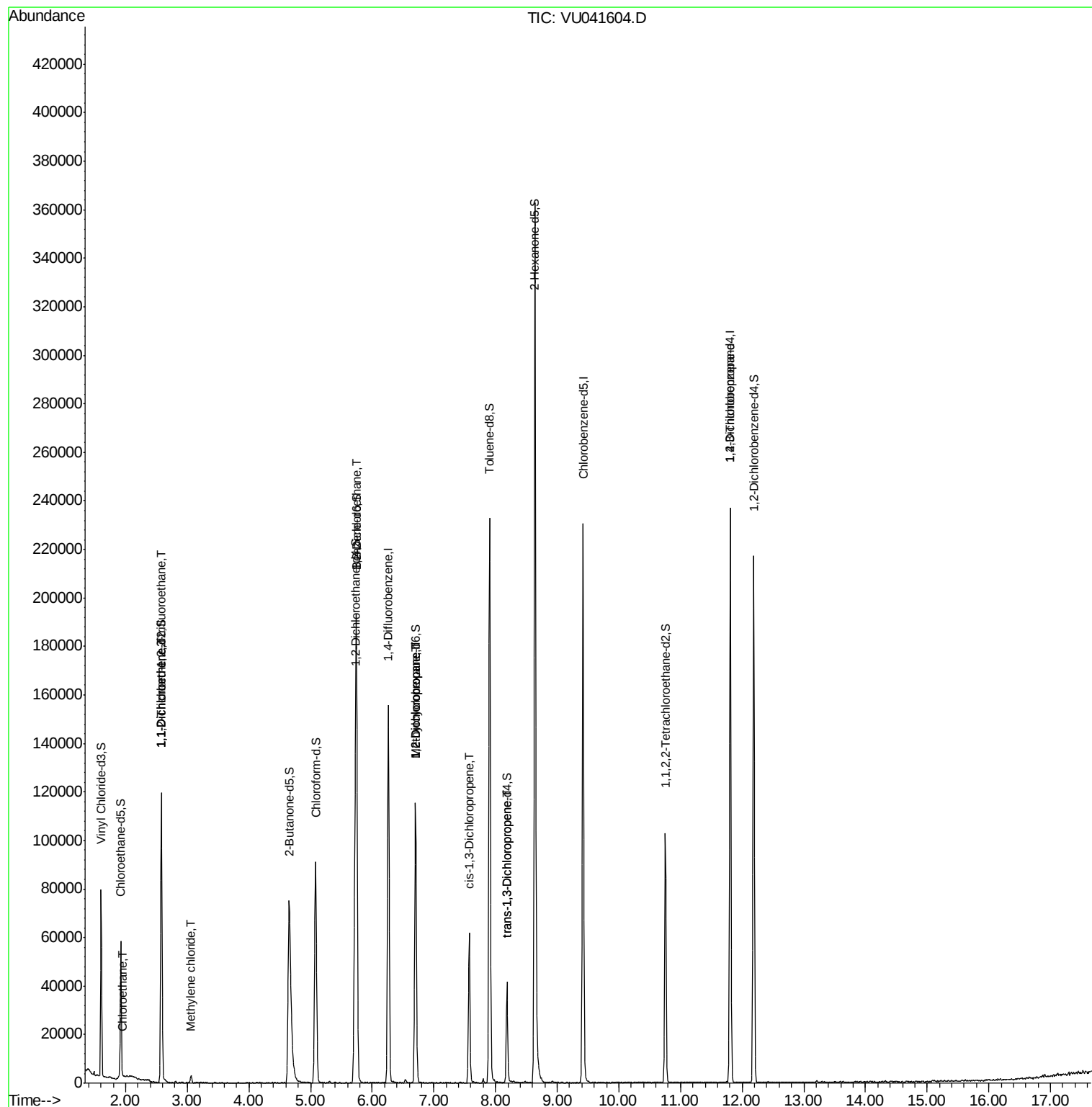
					Ovalue
8) Chloroethane	1.96	64	1027	0.129 ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	564	0.064 ug/L #	22
12) 1,1-Dichloroethene	2.58	96	526	0.060 ug/L #	1
16) Methylene chloride	3.06	84	1508	0.145 ug/L	89
27) 1,2-Dichloroethane	5.75	62	908	0.079 ug/L #	73
35) Methylcyclohexane	6.70	83	12552	0.725 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6115	0.561 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1474	0.091 ug/L #	73
44) trans-1,3-Dichloropropene	8.19	75	886	0.061 ug/L #	59
59) 1,2,3-Trichloropropane	11.81	75	7165	0.875 ug/L	96

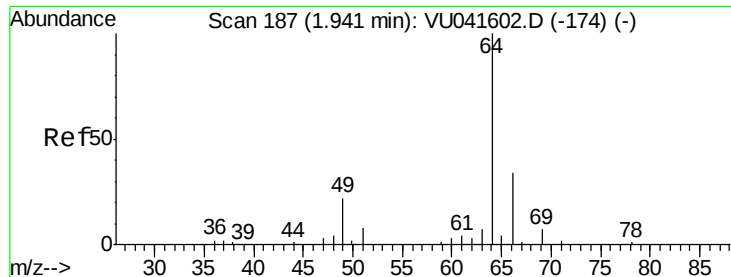
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 12:40:03 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.129 ug/L

RT: 1.96 min Scan# 194

Delta R.T. 0.02 min

Lab File: VU041604.D

Acq: 14 Dec 2020 11:47

Instrument :

MSVOA_U

ClientSampleId :

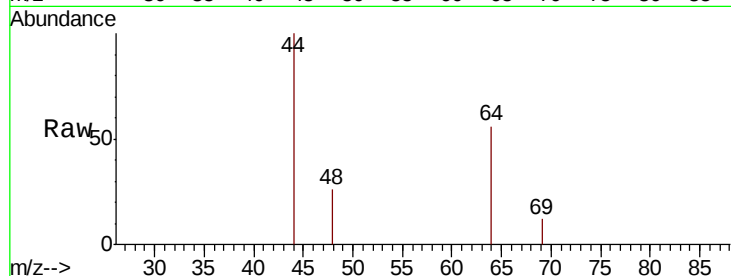
VHBLK01

Tot Ion: 64 Resp: 1027

Ion Ratio Lower Upper

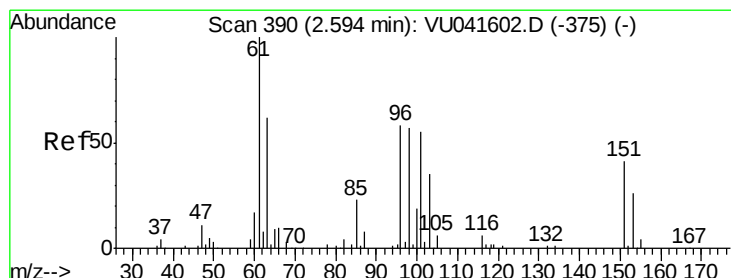
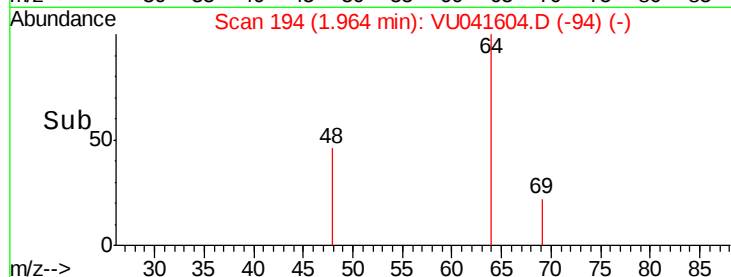
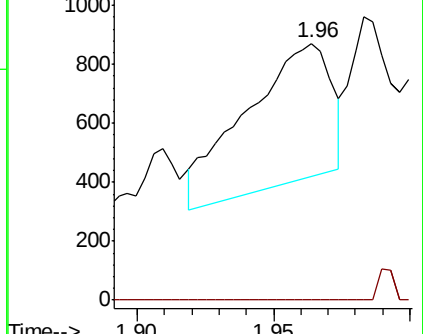
64 100

66 0.0 21.6 40.0#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#10

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

Concen: 0.064 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041604.D

Acq: 14 Dec 2020 11:47

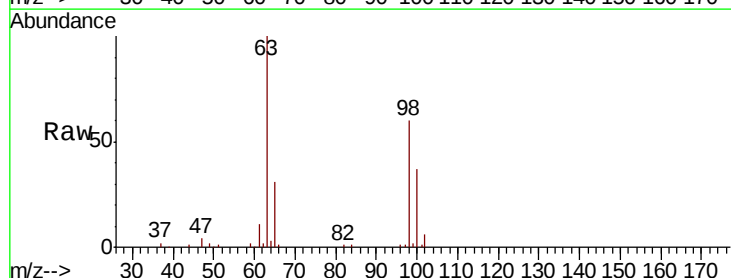
Tgt Ion: 101 Resp: 564

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

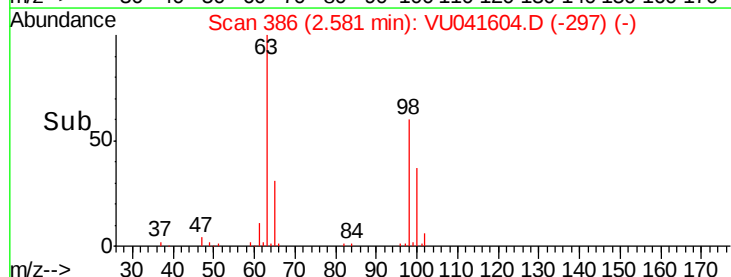
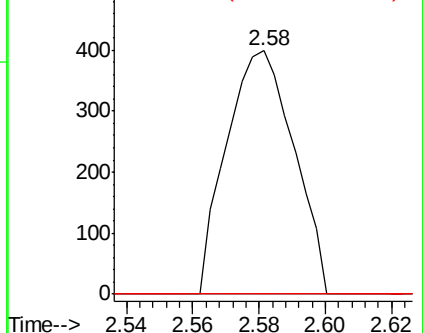
151 0.0 56.2 84.4#

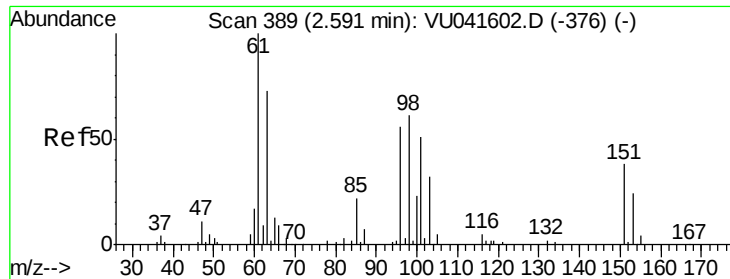


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

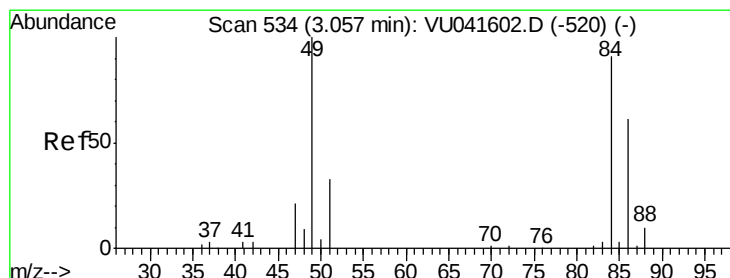
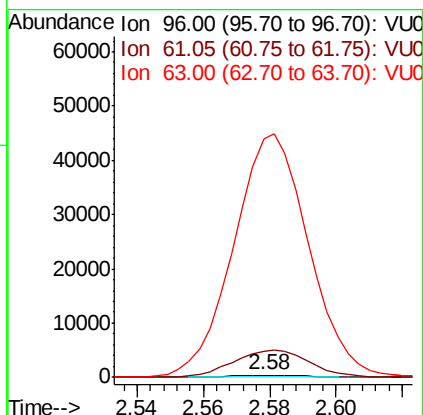
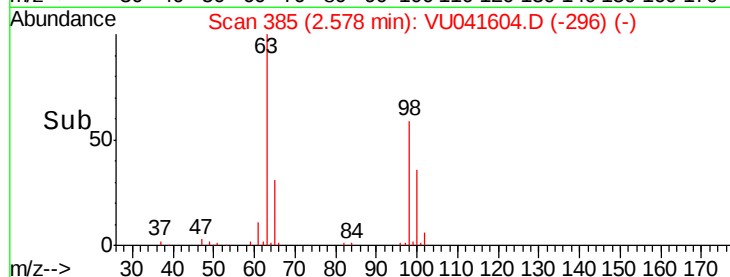
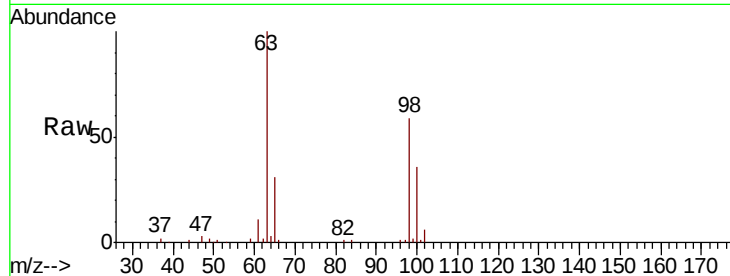




#12
 1,1-Dichloroethene
 Concen: 0.060 ug/L
 RT: 2.58 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VU041604.D
 Acq: 14 Dec 2020 11:47

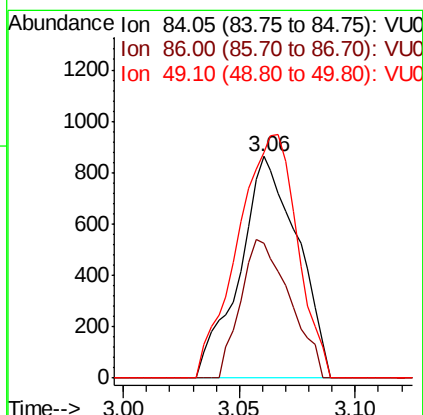
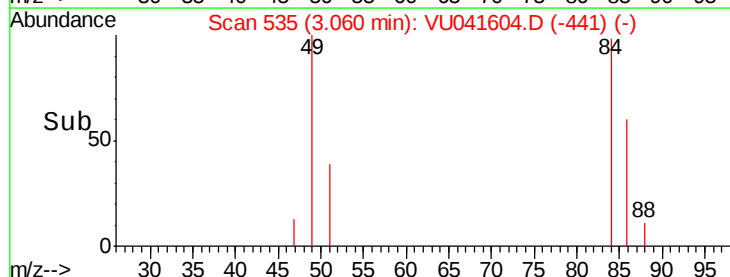
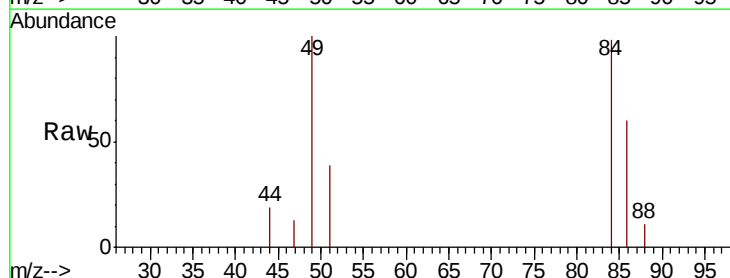
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

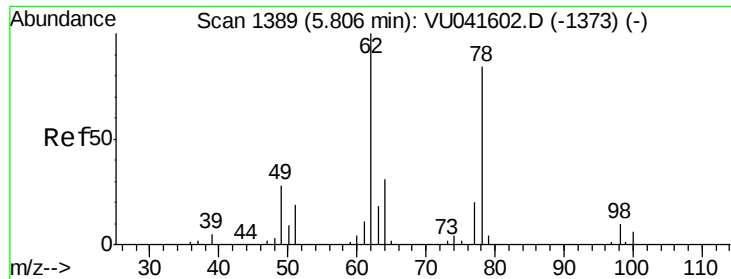
Tot Ion: 96 Resp: 526
 Ion Ratio Lower Upper
 96 100
 61 1377.3 123.8 230.0#
 63 12459.1 81.0 150.4#



#16
 Methylene chloride
 Concen: 0.145 ug/L
 RT: 3.06 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VU041604.D
 Acq: 14 Dec 2020 11:47

Tgt Ion: 84 Resp: 1508
 Ion Ratio Lower Upper
 84 100
 86 61.1 45.1 83.7
 49 101.7 83.1 154.3

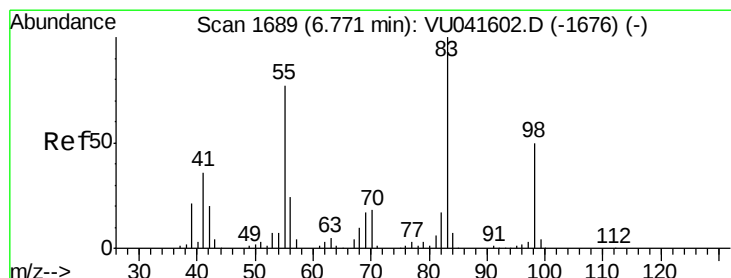
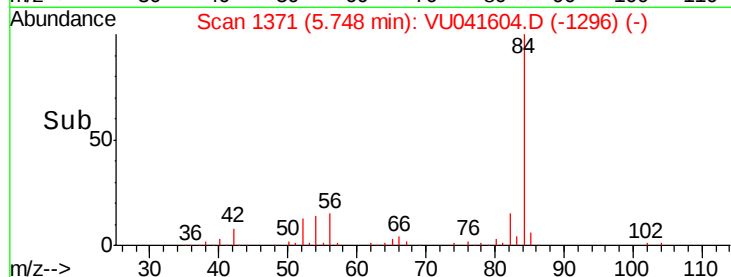
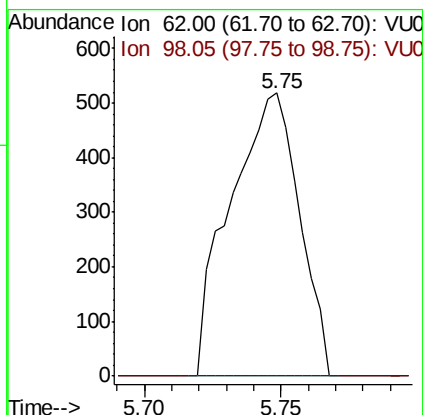
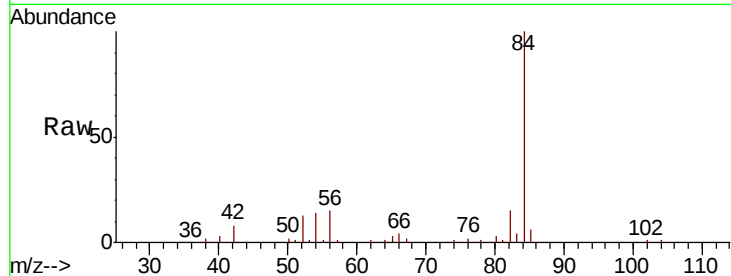




#27
 1,2-Dichloroethane
 Concen: 0.079 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU041604.D
 Acq: 14 Dec 2020 11:47

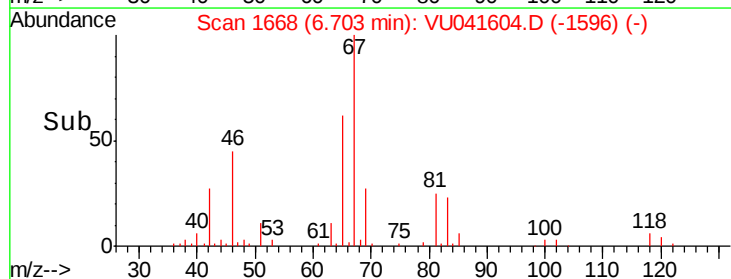
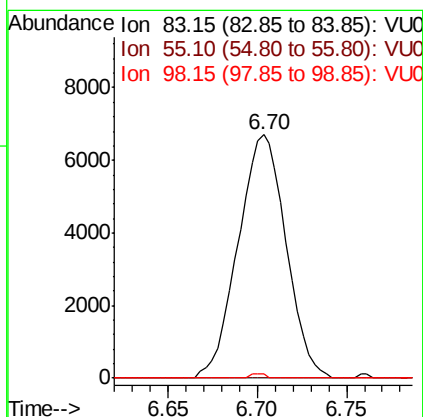
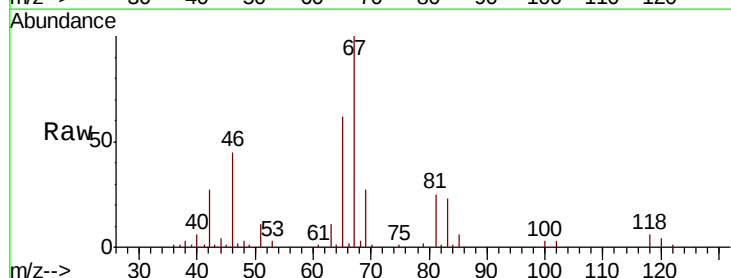
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

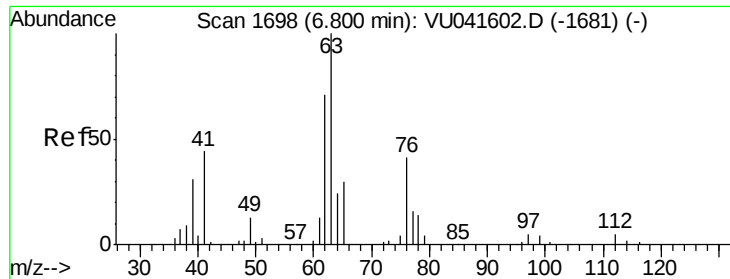
Tot Ion: 62 Resp: 908
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.725 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041604.D
 Acq: 14 Dec 2020 11:47

Tgt Ion: 83 Resp: 12552
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.6 36.6 54.8#

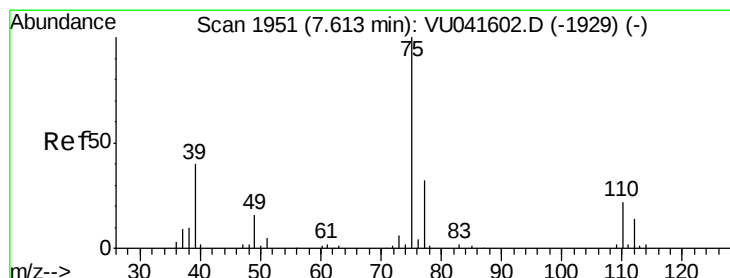
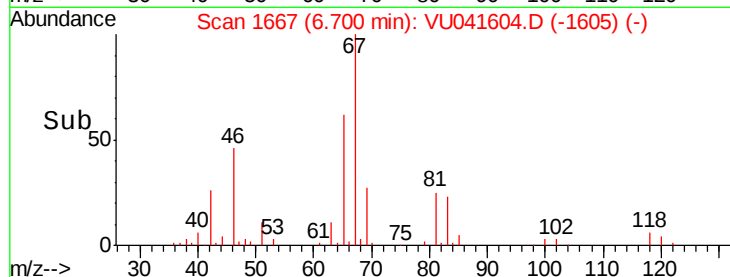
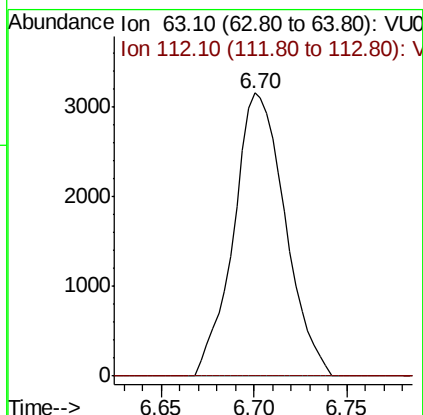
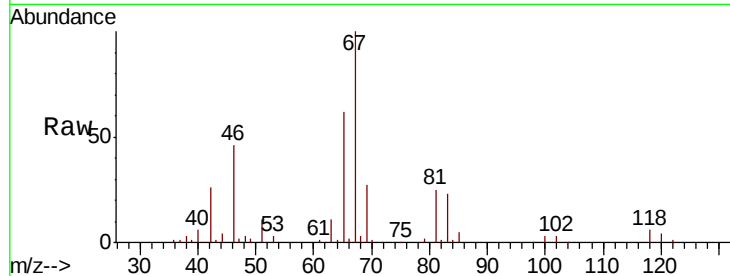




#37
 1,2-Dichloropropane
 Concen: 0.561 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041604.D
 Acq: 14 Dec 2020 11:47

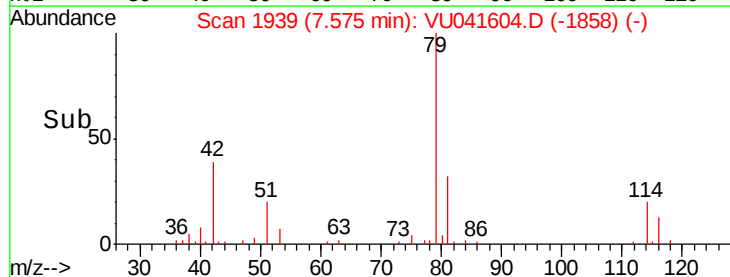
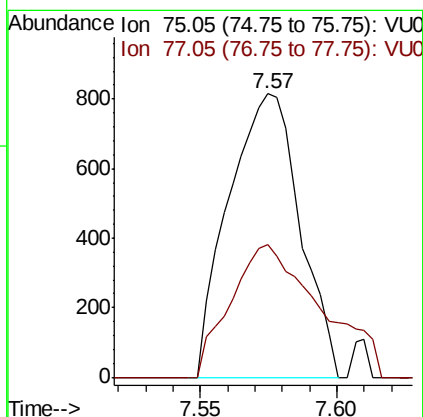
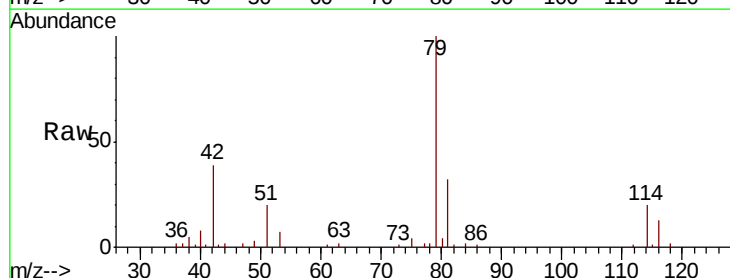
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

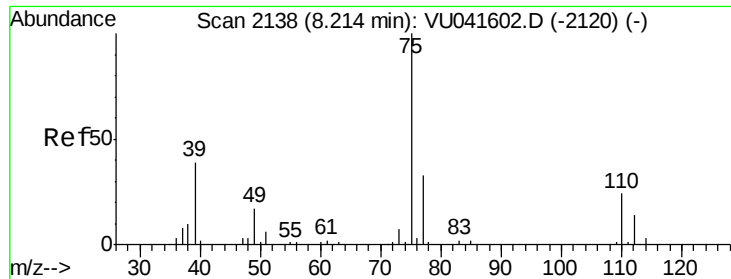
Tot Ion: 63 Resp: 6115
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041604.D
 Acq: 14 Dec 2020 11:47

Tgt Ion: 75 Resp: 1474
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041604.D

Acq: 14 Dec 2020 11:47

Instrument :

MSVOA_U

ClientSampleId :

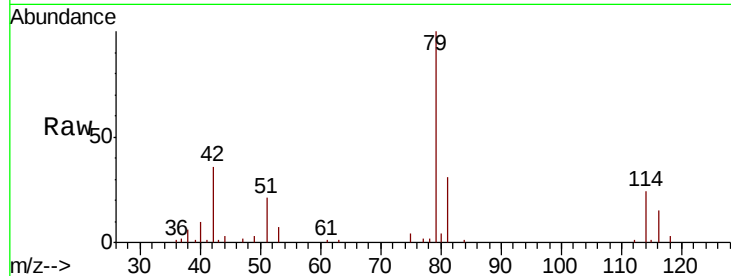
VHBLK01

Tot Ion: 75 Resp: 886

Ion Ratio Lower Upper

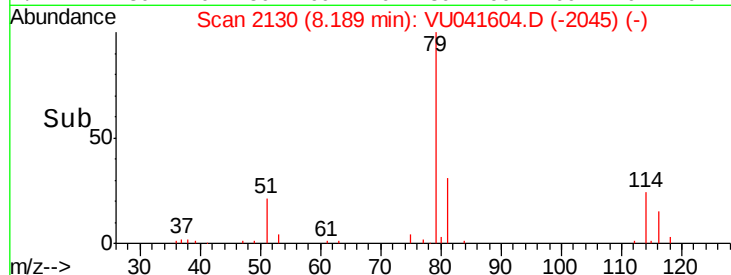
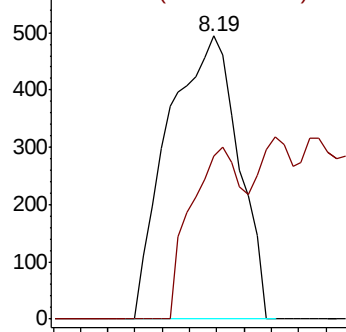
75 100

77 57.5 23.8 44.2#

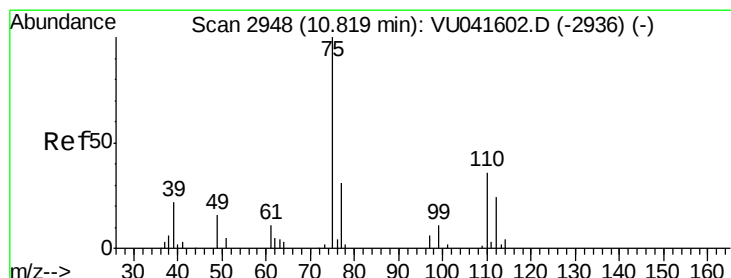


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time-->



#59

1,2,3-Trichloropropane

Concen: 0.875 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041604.D

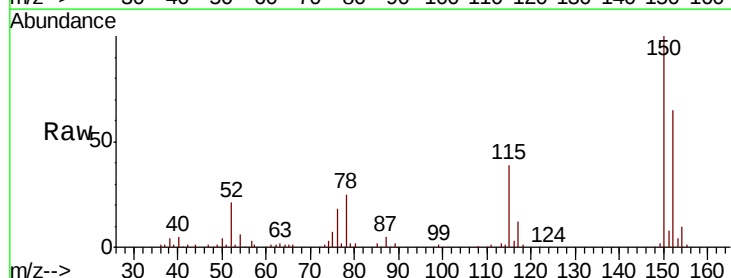
Acq: 14 Dec 2020 11:47

Tgt Ion: 75 Resp: 7165

Ion Ratio Lower Upper

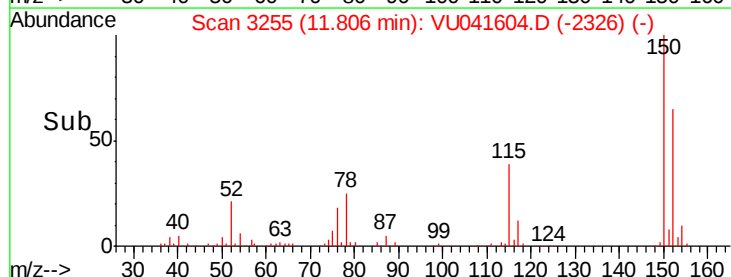
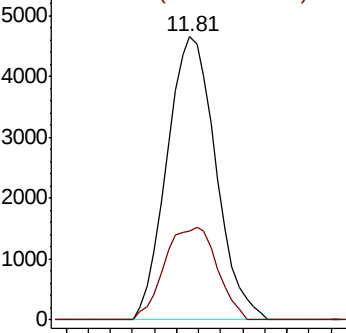
75 100

77 35.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->