

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040244.D
 Acq On : 21 Sep 2020 19:18
 Operator : SY/MD
 Sample : L4063-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 22 07:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 22 07:07:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117512	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115951	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51791	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35501	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.92	69	32729	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	2.58	63	61242	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.66	46	158462	61.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.50%
24) Chloroform-d	5.08	84	78820	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.72	65	52063	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.74	84	151986	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
36) 1,2-Dichloropropane-d6	6.70	67	49131	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.90	98	128308	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	8.19	79	20107	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.64	63	119506	61.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45506	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	50046	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

Target Compounds

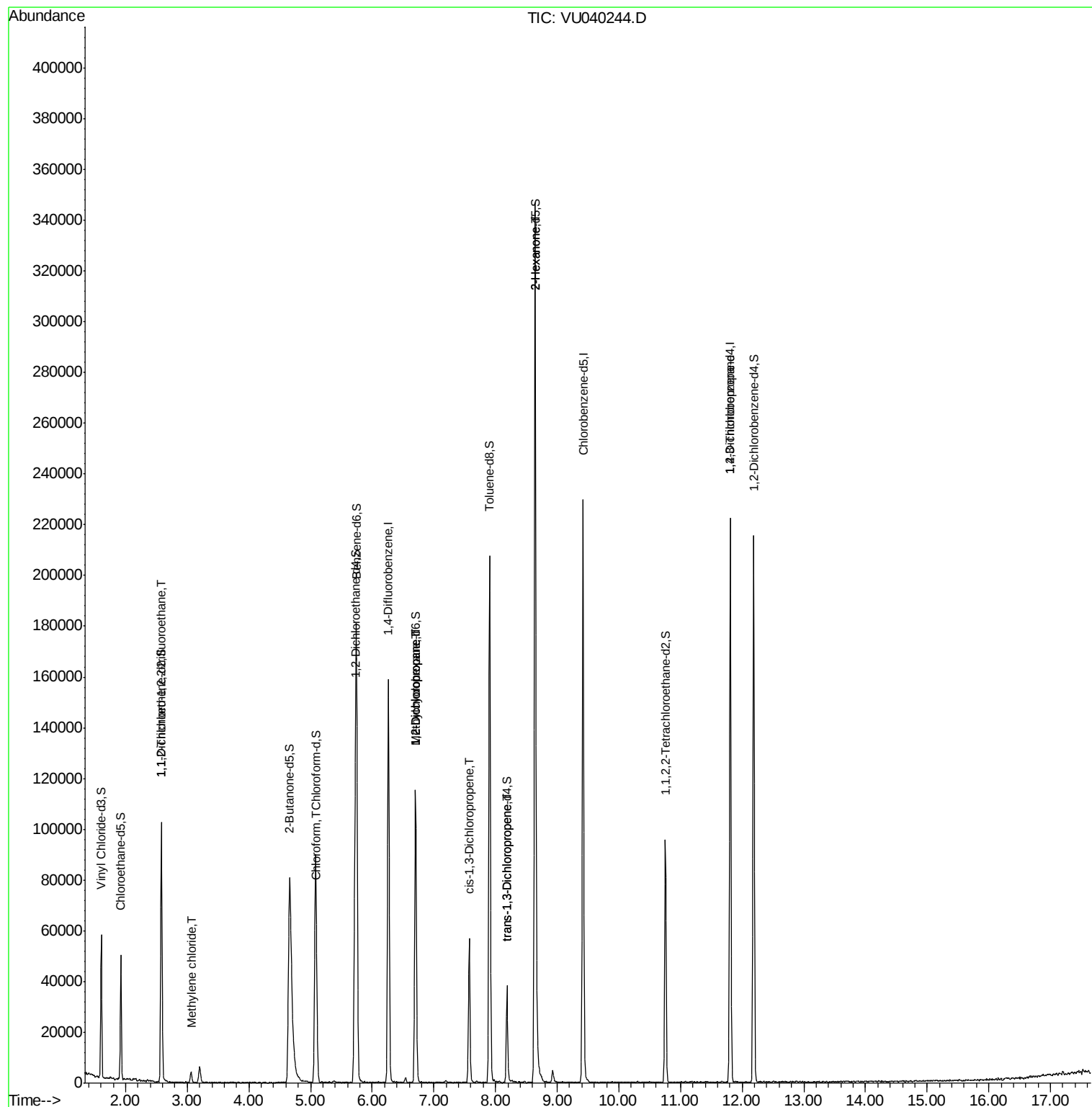
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	499	0.047	ug/L #	22
16) Methylene chloride	3.06	84	1761	0.148	ug/L	90
25) Chloroform	5.11	83	2874	0.139	ug/L	77
35) Methylcyclohexane	6.70	83	11542	0.677	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6216	0.553	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1558	0.094	ug/L #	67
44) trans-1,3-Dichloropropene	8.19	75	1226	0.080	ug/L #	51
48) 2-Hexanone	8.64	43	18681	2.779	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	7780	0.935	ug/L #	87

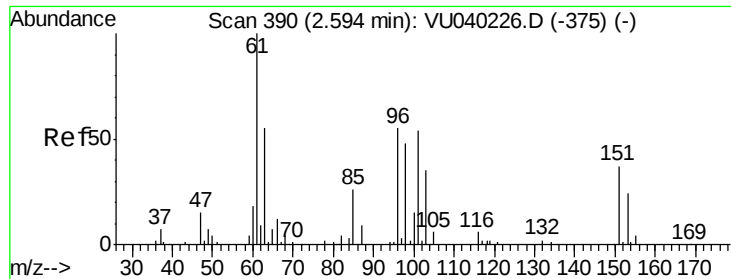
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 22 07:17:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
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QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration





#10

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

Concen: 0.047 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU040244.D

Acq: 21 Sep 2020 19:18

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

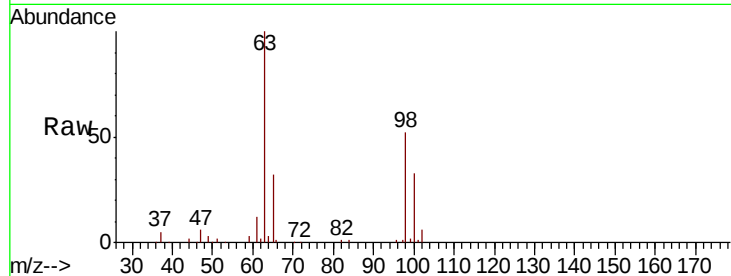
Tot Ion:101 Resp: 499

Ion Ratio Lower Upper

101 100

85 0.0 37.7 56.5#

151 0.0 53.9 80.9#



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

500

400

300

200

100

0

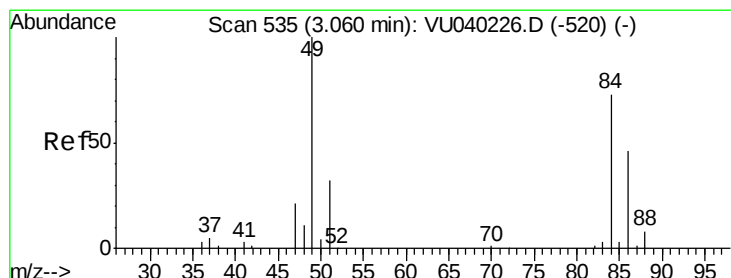
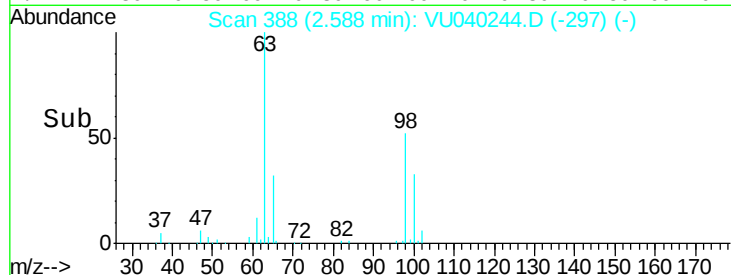
2.54

2.56

2.58

2.60

Time-->



#16

Methylene chloride

Concen: 0.148 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040244.D

Acq: 21 Sep 2020 19:18

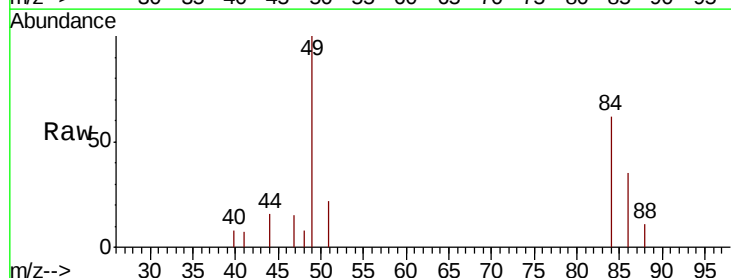
Tgt Ion: 84 Resp: 1761

Ion Ratio Lower Upper

84 100

86 56.7 45.2 84.0

49 161.3 104.0 193.2



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

2000

1500

1000

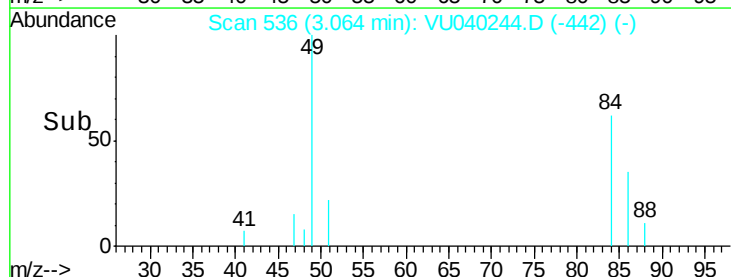
500

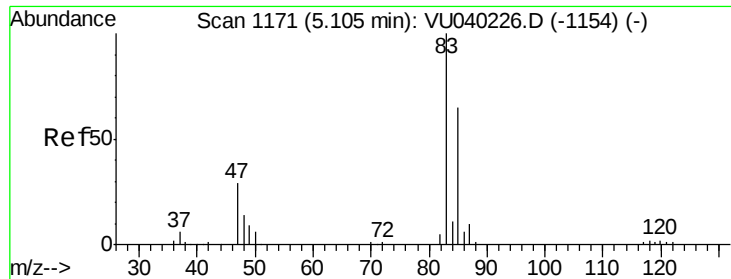
0

3.05

3.10

Time-->

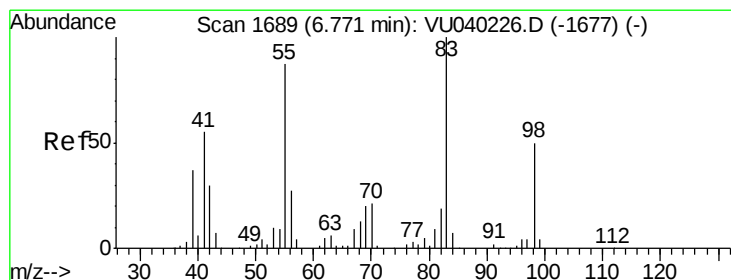
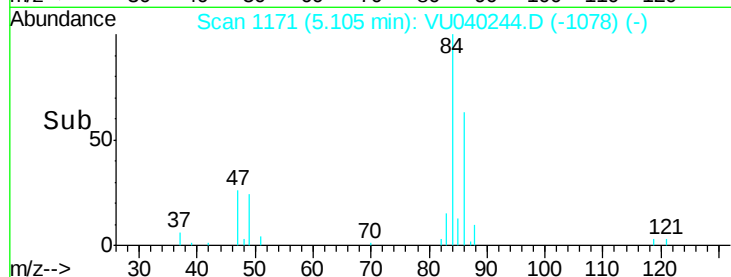
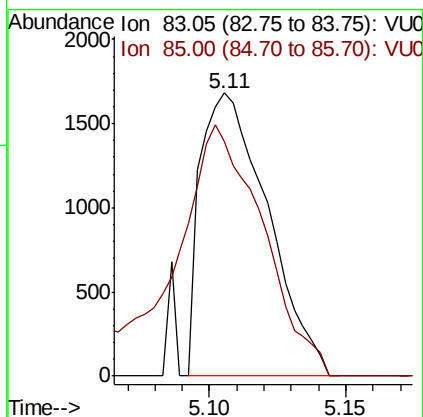
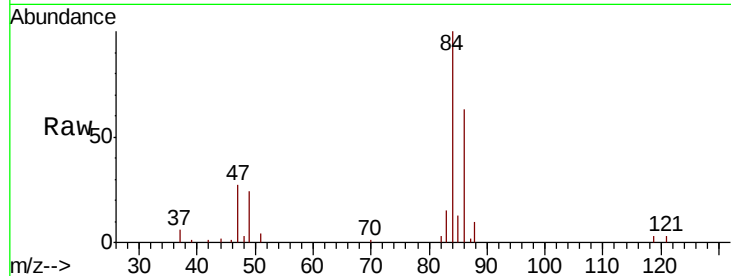




#25
Chloroform
Concen: 0.139 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040244.D
Acq: 21 Sep 2020 19:18

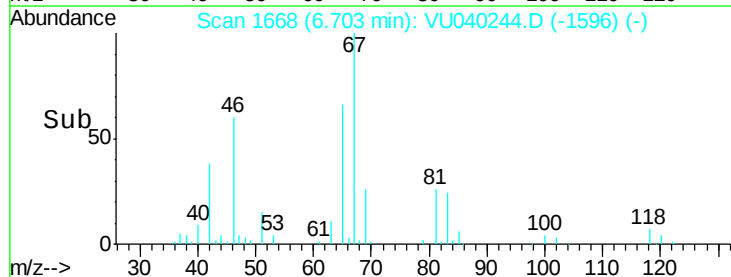
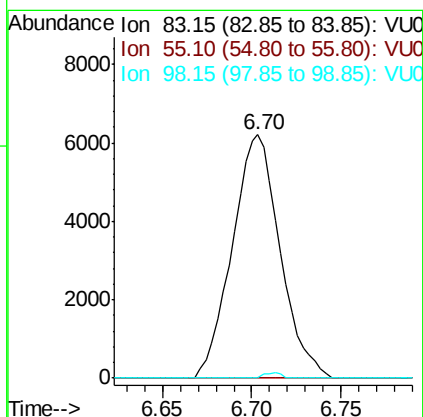
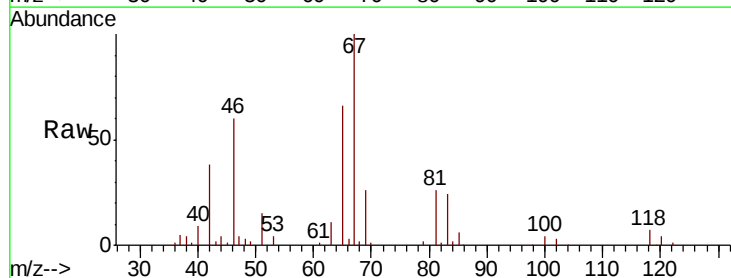
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

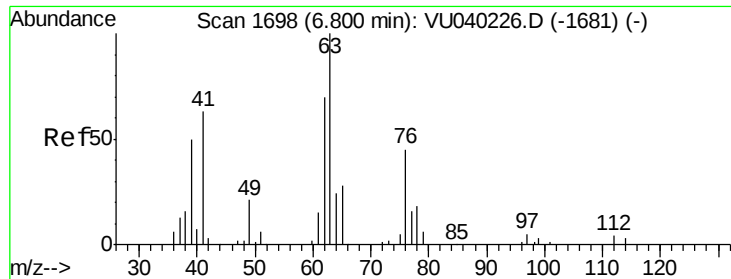
Tot Ion: 83 Resp: 2874
Ion Ratio Lower Upper
83 100
85 82.9 45.3 84.1



#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040244.D
Acq: 21 Sep 2020 19:18

Tgt Ion: 83 Resp: 11542
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.8 37.8 56.6#

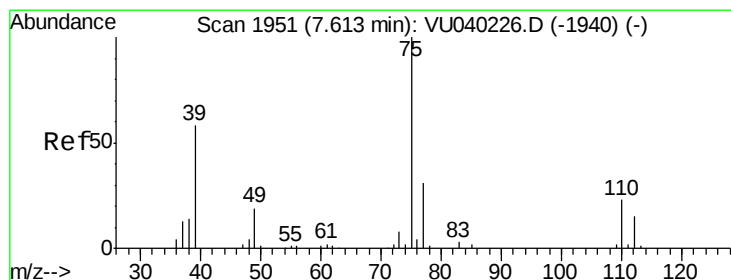
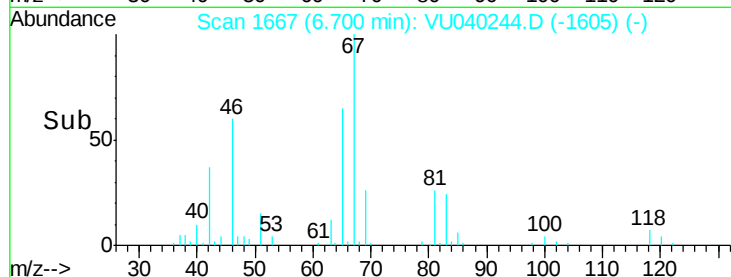
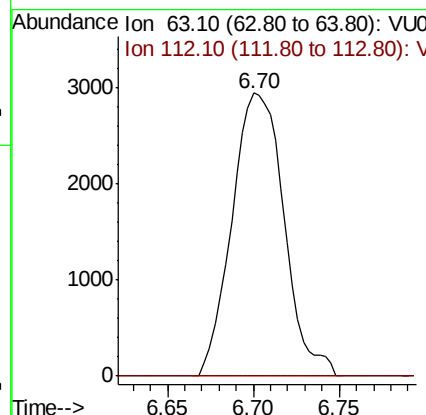
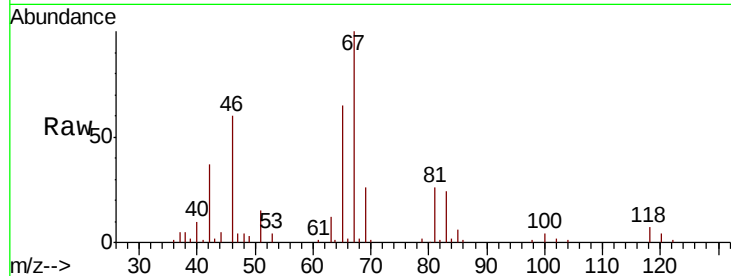




#37
 1,2-Dichloropropane
 Concen: 0.553 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040244.D
 Acq: 21 Sep 2020 19:18

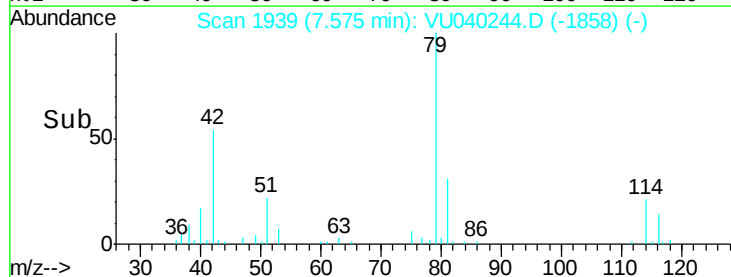
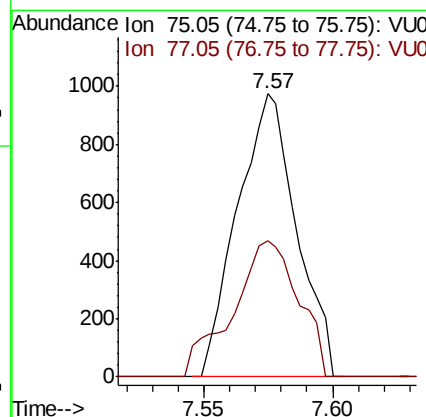
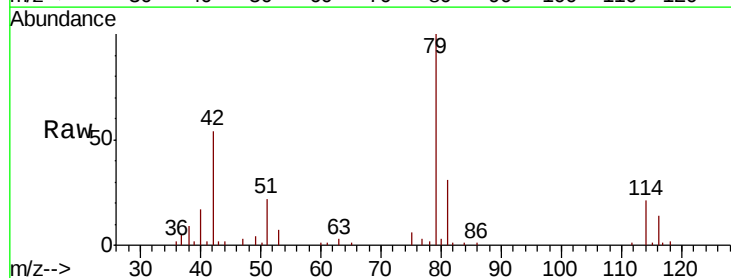
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

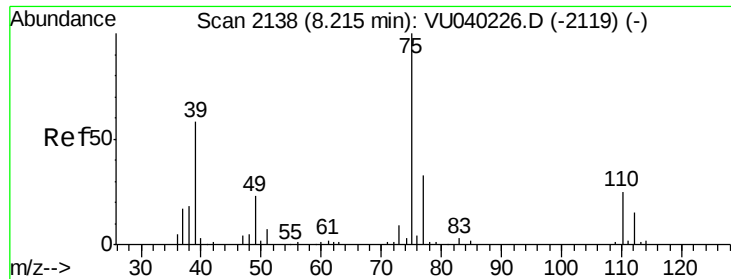
Tot Ion: 63 Resp: 6216
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040244.D
 Acq: 21 Sep 2020 19:18

Tgt Ion: 75 Resp: 1558
 Ion Ratio Lower Upper
 75 100
 77 48.3 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040244.D

Acq: 21 Sep 2020 19:18

Instrument :

MSVOA_U

ClientSampleId :

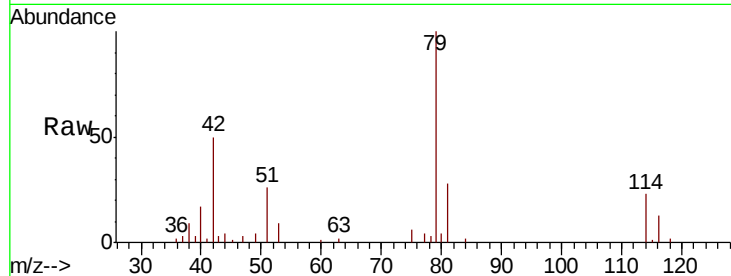
VHBLK01

Tot Ion: 75 Resp: 1226

Ion Ratio Lower Upper

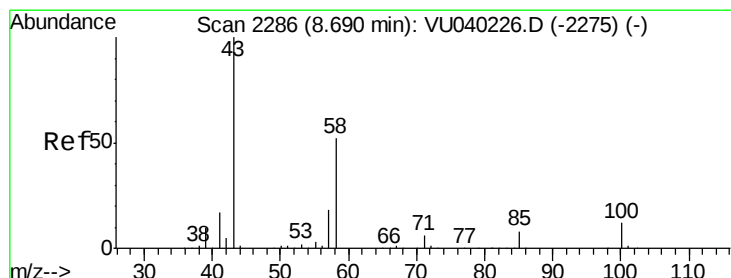
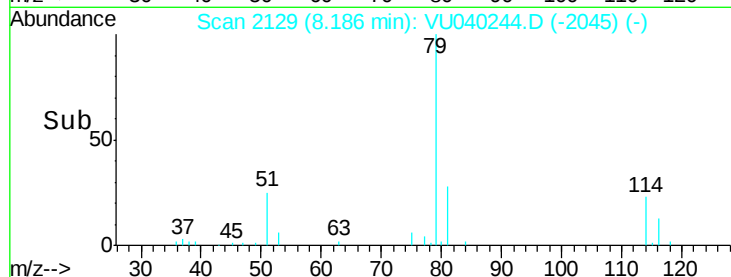
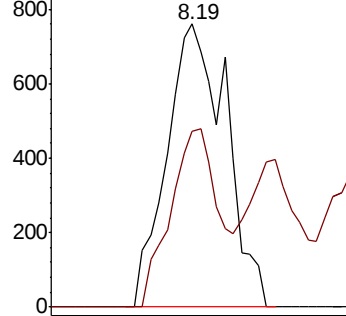
75 100

77 62.3 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.779 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040244.D

Acq: 21 Sep 2020 19:18

Tgt Ion: 43 Resp: 18681

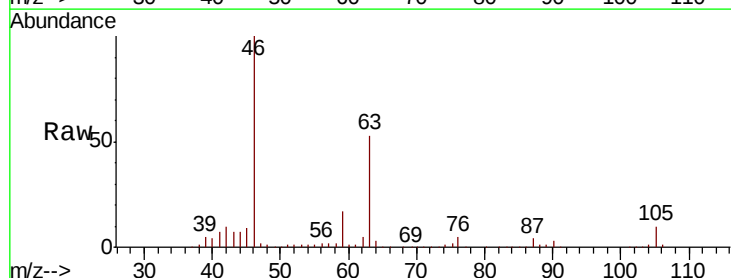
Ion Ratio Lower Upper

43 100

58 25.2 39.6 59.4#

57 22.0 14.3 21.5#

100 0.3 8.0 12.0#

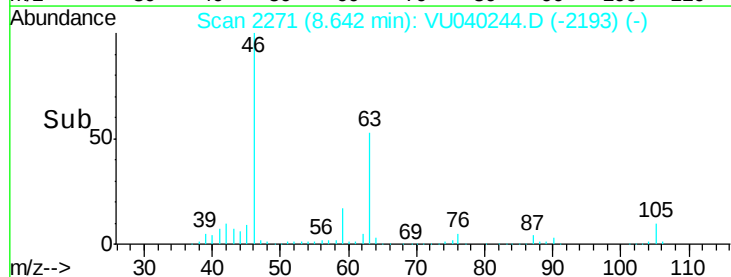
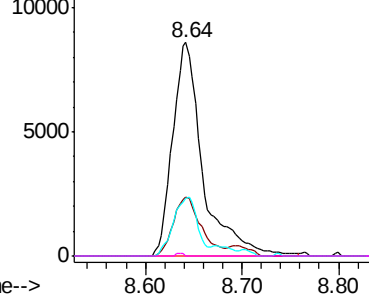


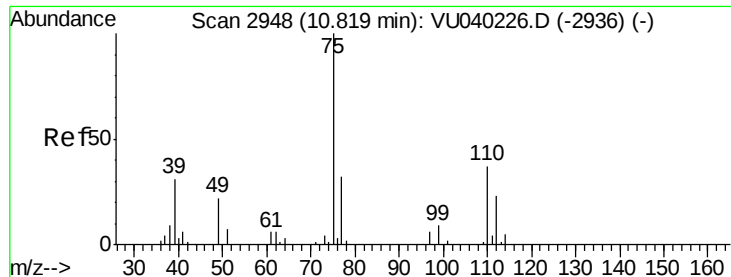
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.935 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040244.D

Acq: 21 Sep 2020 19:18

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ClientSampleId :

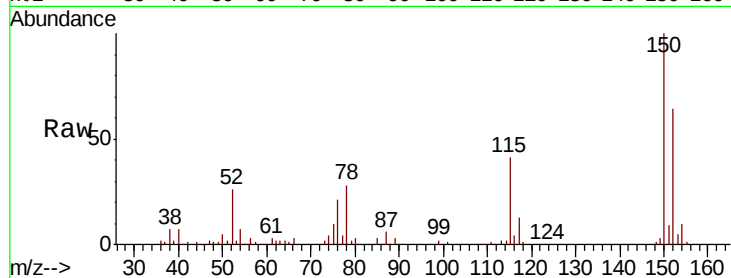
VHBLK01

Tot Ion: 75 Resp: 7780

Ion Ratio Lower Upper

75 100

77 38.3 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

