

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040243.D
 Acq On : 21 Sep 2020 18:54
 Operator : SY/MD
 Sample : L4078-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 22 07:17:13 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	118651	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118316	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53725	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37349	5.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.40%
7) Chloroethane-d5	1.92	69	33703	6.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.80%
11) 1,1-Dichloroethene-d2	2.58	63	65009	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.66	46	159751	61.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.30%
24) Chloroform-d	5.08	84	78941	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.72	65	52161	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.75	84	155057	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
36) 1,2-Dichloropropane-d6	6.70	67	50644	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.91	98	128532	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	8.19	79	20150	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.64	63	120449	60.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45296	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	50462	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

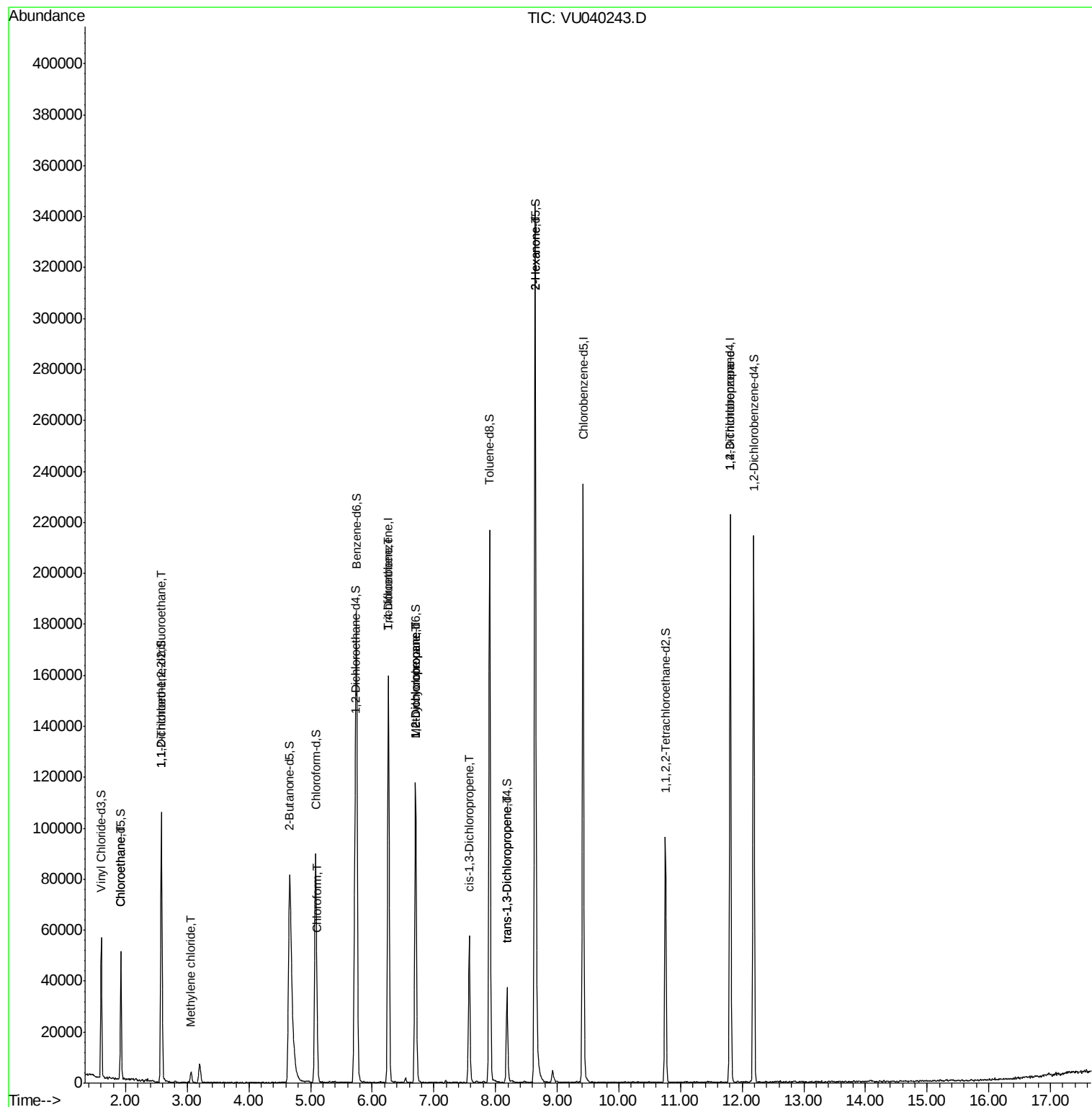
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.93	64	305	0.044	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	686	0.065	ug/L #	22
16) Methylene chloride	3.06	84	1836	0.153	ug/L	89
25) Chloroform	5.11	83	4027	0.193	ug/L	96
34) Trichloroethene	6.27	95	2356	0.208	ug/L #	9
35) Methylcyclohexane	6.70	83	11500	0.661	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	6022	0.525	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1706	0.101	ug/L #	56
44) trans-1,3-Dichloropropene	8.19	75	1182	0.075	ug/L #	70
48) 2-Hexanone	8.64	43	17294	2.521	ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	7924	0.933	ug/L	95

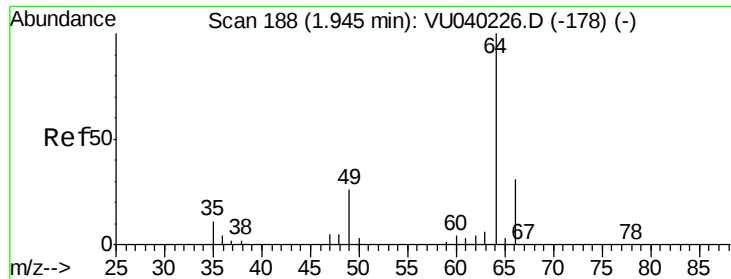
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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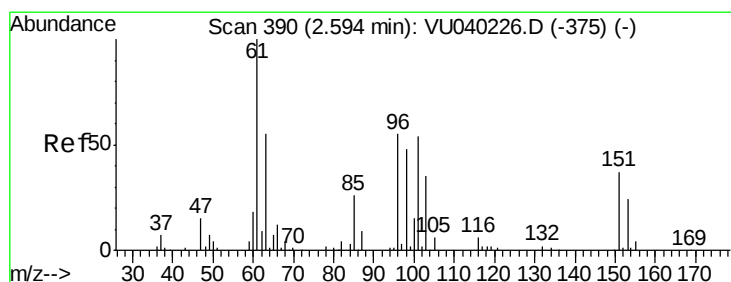
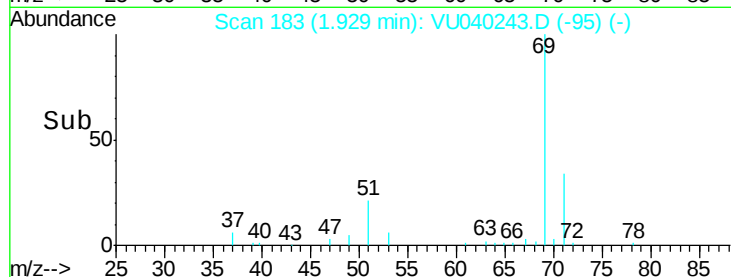
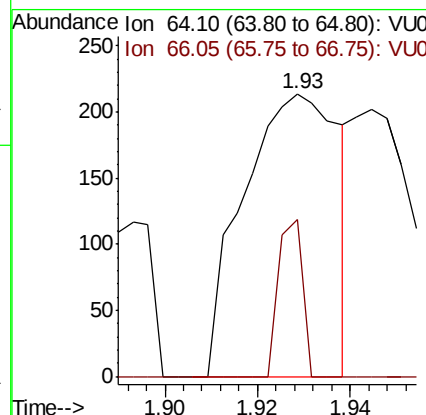
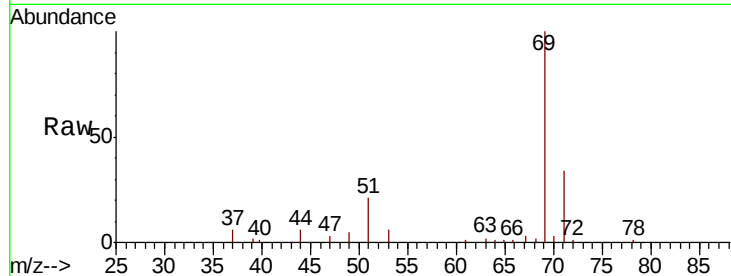




#8
 Chloroethane
 Concen: 0.044 ug/L
 RT: 1.93 min Scan# 183
 Delta R.T. -0.02 min
 Lab File: VU040243.D
 Acq: 21 Sep 2020 18:54

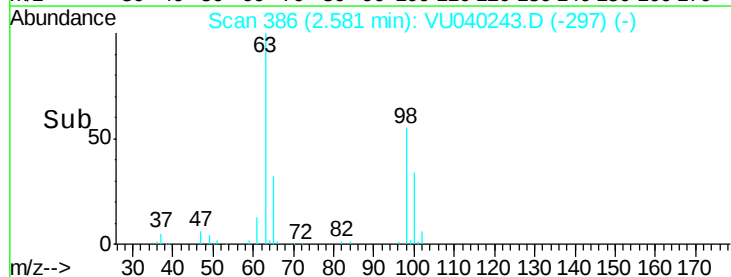
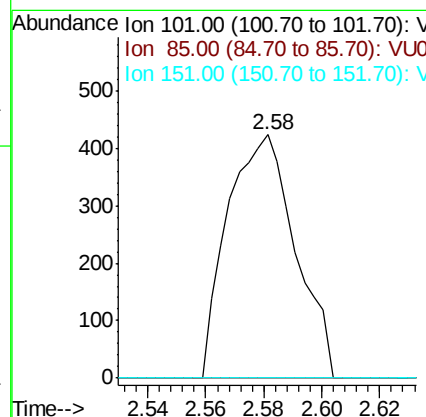
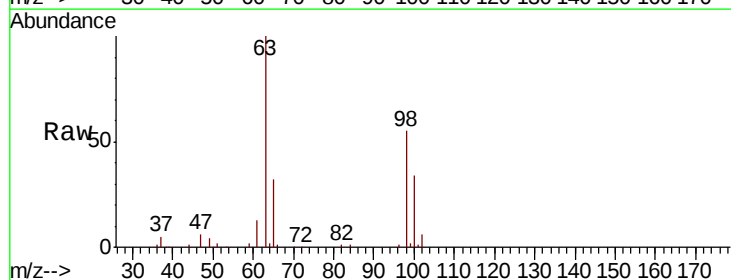
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

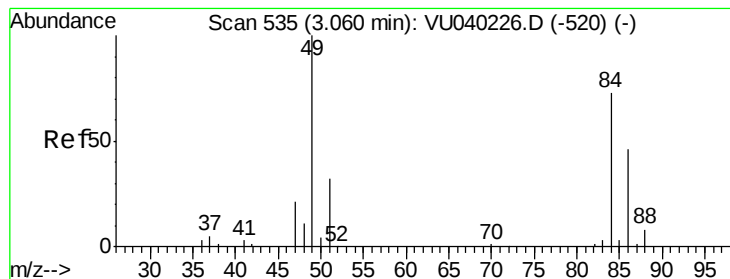
Tot Ion: 64 Resp: 305
 Ion Ratio Lower Upper
 64 100
 66 55.6 22.7 42.1#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.065 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU040243.D
 Acq: 21 Sep 2020 18:54

Tgt Ion: 101 Resp: 686
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.7 56.5#
 151 0.0 53.9 80.9#





#16

Methvlene chloride

Concen: 0.153 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040243.D

Acq: 21 Sep 2020 18:54

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

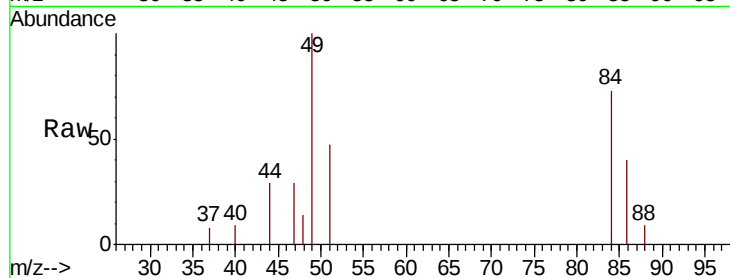
Tot Ion: 84 Resp: 1836

Ion Ratio Lower Upper

84 100

86 54.5 45.2 84.0

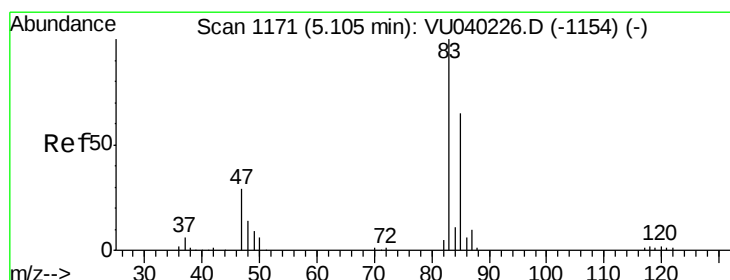
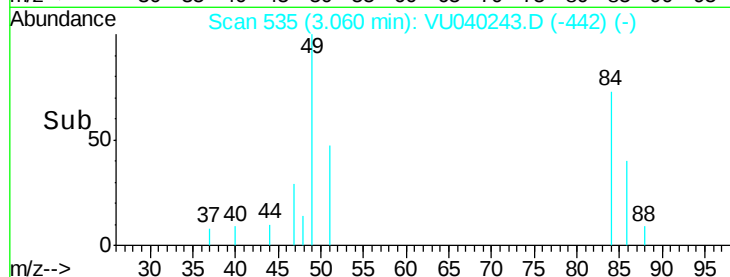
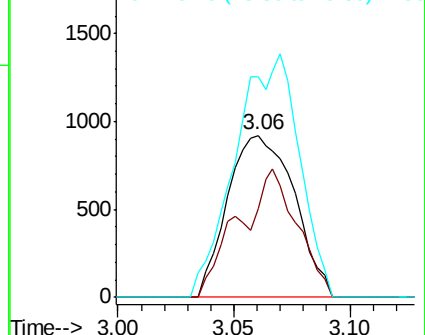
49 136.3 104.0 193.2



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



#25

Chloroform

Concen: 0.193 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040243.D

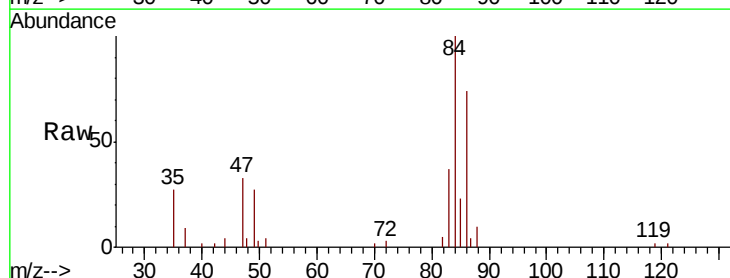
Acq: 21 Sep 2020 18:54

Tgt Ion: 83 Resp: 4027

Ion Ratio Lower Upper

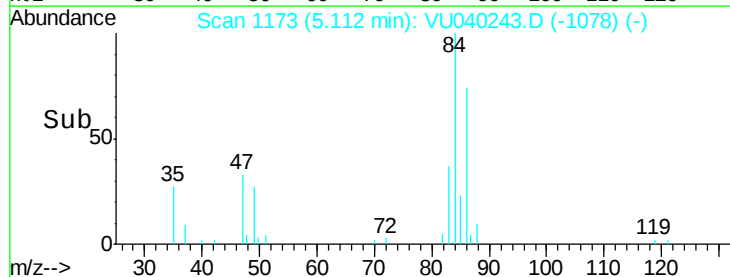
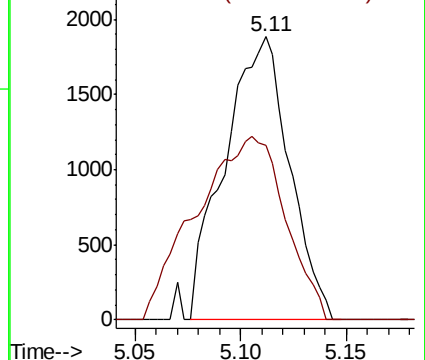
83 100

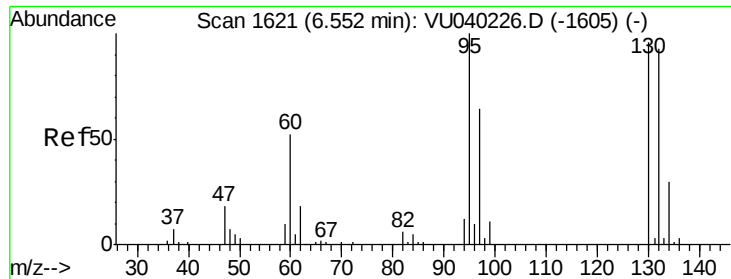
85 61.8 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

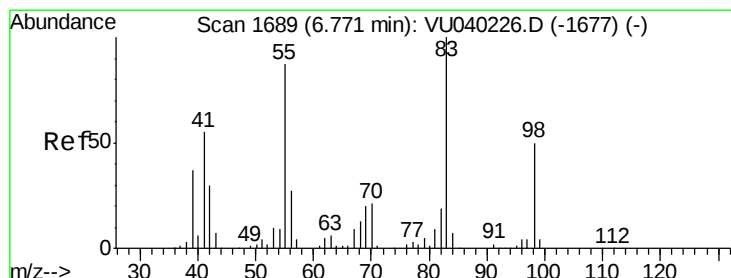
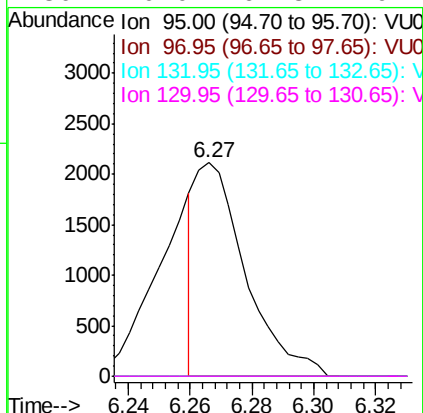
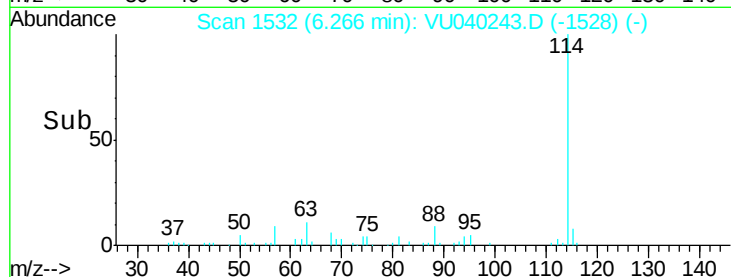
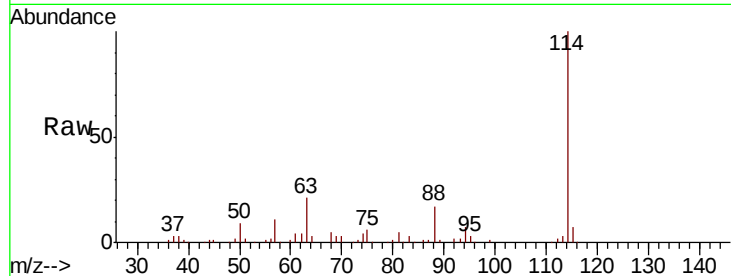




#34
 Trichloroethene
 Concen: 0.208 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040243.D
 Acq: 21 Sep 2020 18:54

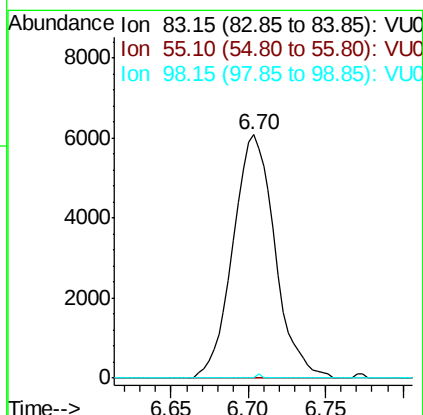
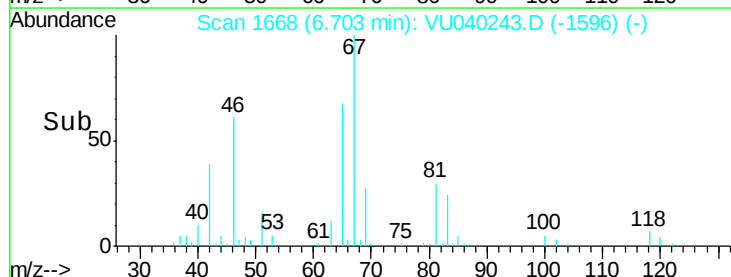
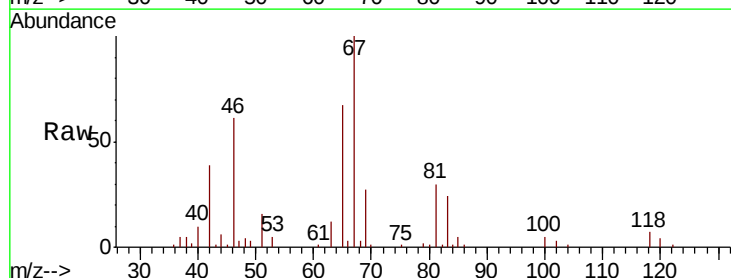
Instrument :
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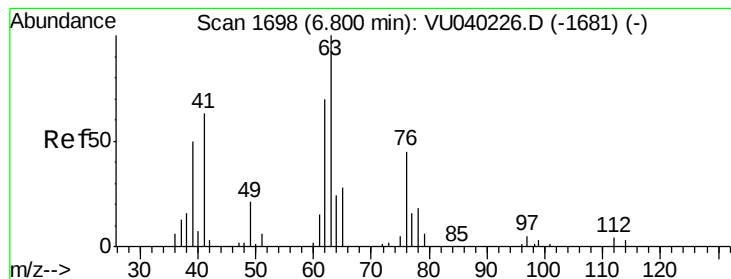
Tot Ion: 95 Resp: 2356
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.3 80.5#
 132 0.0 59.4 110.4#
 130 0.0 64.8 120.4#



#35
 Methylcyclohexane
 Concen: 0.661 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040243.D
 Acq: 21 Sep 2020 18:54

Tgt Ion: 83 Resp: 11500
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 0.2 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.525 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.09 min

Lab File: VU040243.D

Acq: 21 Sep 2020 18:54

Instrument :

MSVOA_U

ClientSampleId :

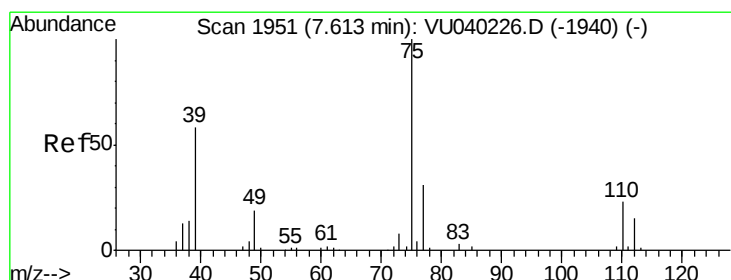
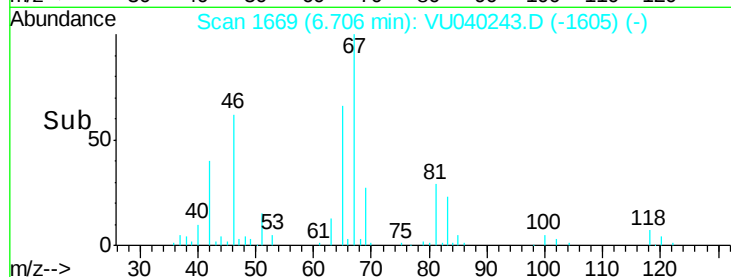
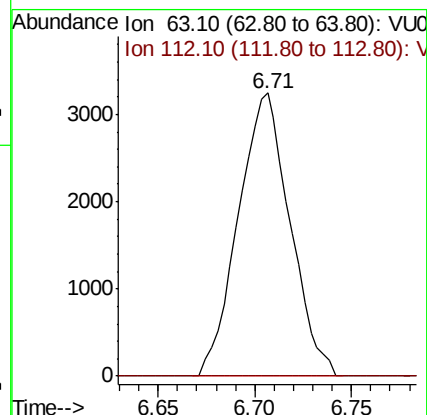
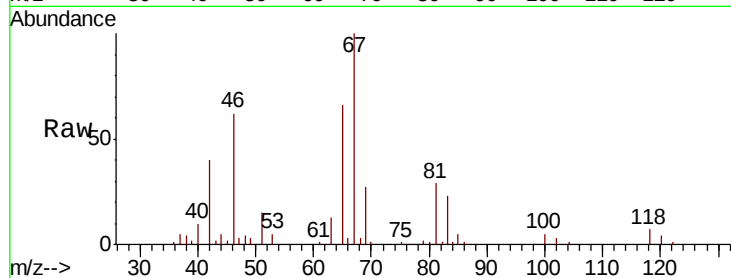
VHBLK01

Tot Ion: 63 Resp: 6022

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040243.D

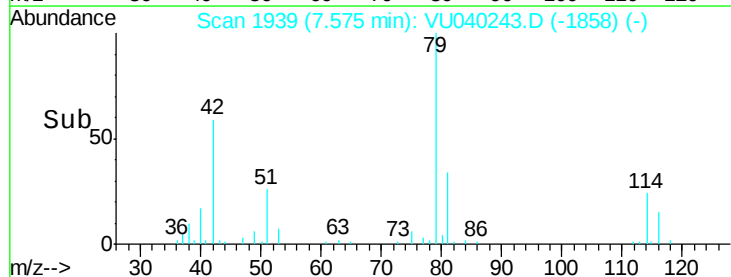
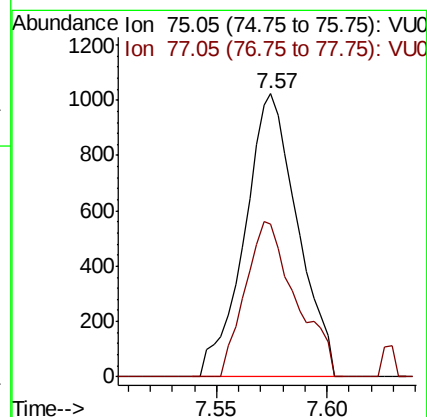
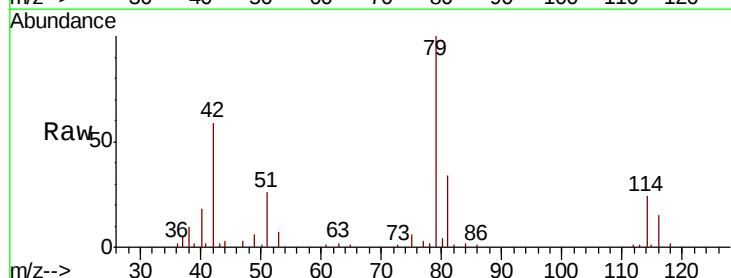
Acq: 21 Sep 2020 18:54

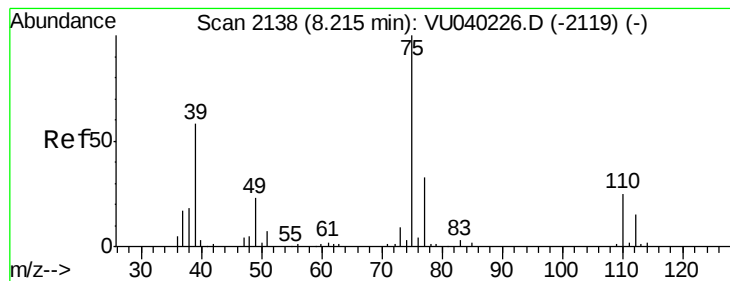
Tgt Ion: 75 Resp: 1706

Ion Ratio Lower Upper

75 100

77 54.0 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040243.D

Acq: 21 Sep 2020 18:54

Instrument :

MSVOA_U

ClientSampleId :

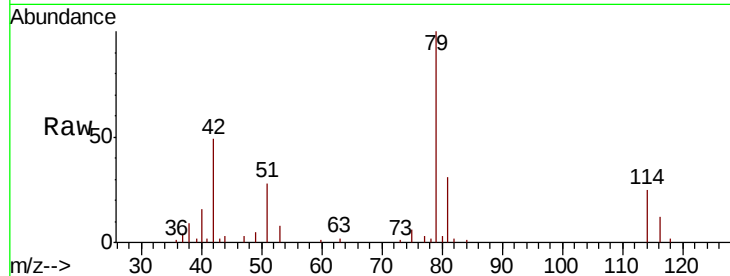
VHBLK01

Tot Ion: 75 Resp: 1182

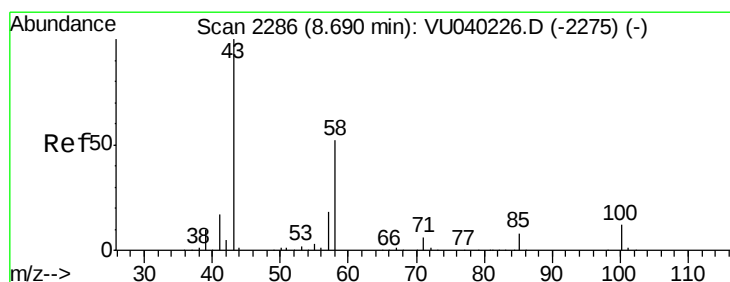
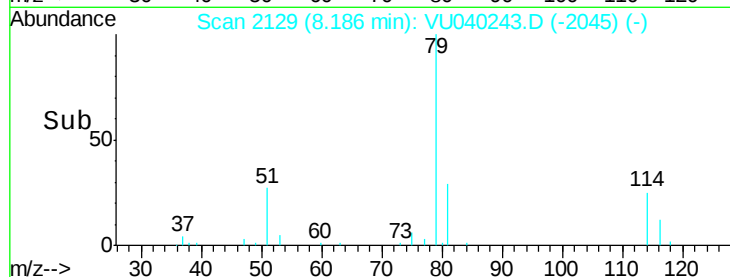
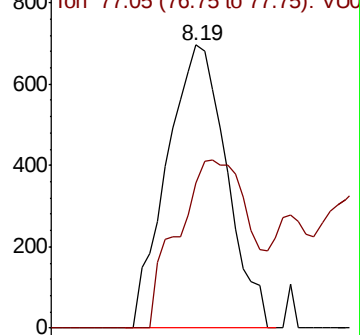
Ion Ratio Lower Upper

75 100

77 51.3 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040226.D (-2119) (-)



#48

2-Hexanone

Concen: 2.521 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040243.D

Acq: 21 Sep 2020 18:54

Tgt Ion: 43 Resp: 17294

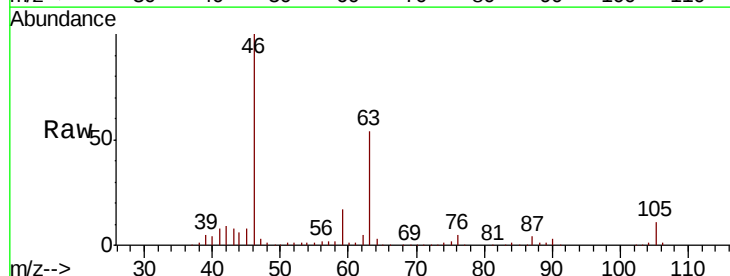
Ion Ratio Lower Upper

43 100

58 28.3 39.6 59.4#

57 0.0 14.3 21.5#

100 0.2 8.0 12.0#

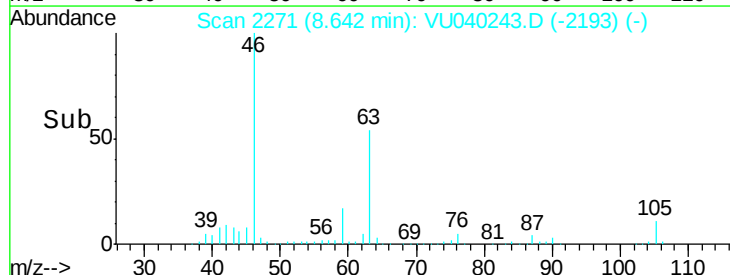
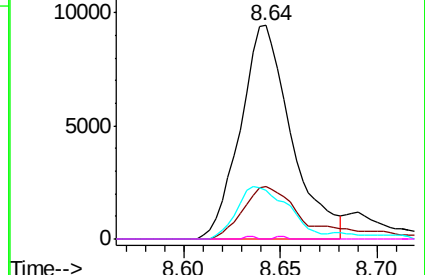


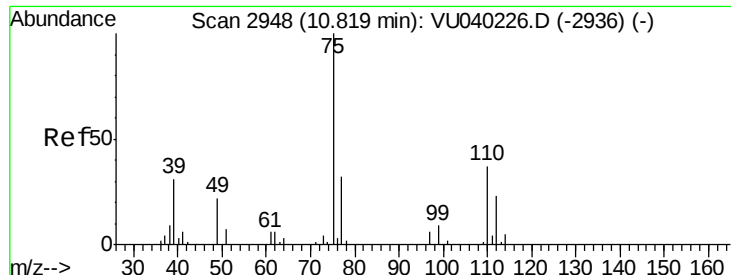
Abundance Ion 43.05 (42.75 to 43.75): VU040226.D (-2275) (-)

Ion 58.05 (57.75 to 58.75): VU040226.D (-2275) (-)

Ion 57.20 (56.90 to 57.90): VU040226.D (-2275) (-)

Ion 100.15 (99.85 to 100.85): VU040226.D (-2275) (-)





#59

1,2,3-Trichloropropane

Concen: 0.933 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040243.D

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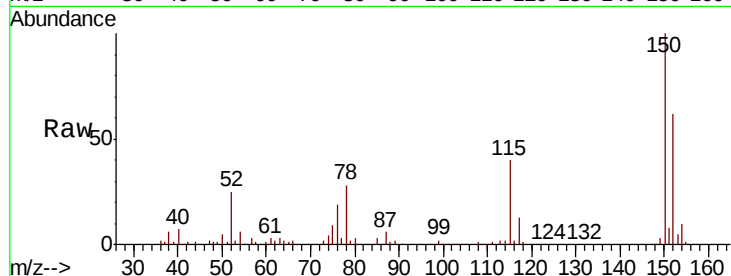
VHBLK01

Tot Ion: 75 Resp: 7924

Ion Ratio Lower Upper

75 100

77 33.9 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

