

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040143.D
 Acq On : 16 Sep 2020 11:12
 Operator : SY/MD
 Sample : VU0916WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK07

Quant Time: Sep 17 01:10:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 01:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112450	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28923	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.92	69	25478	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.58	63	47792	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.67	46	107494	43.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.54%
24) Chloroform-d	5.08	84	57002	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.72	65	38845	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.75	84	110390	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.70	67	36099	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.91	98	88602	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	8.19	79	15154	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.64	63	75940	40.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32047	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	34763	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%

Target Compounds

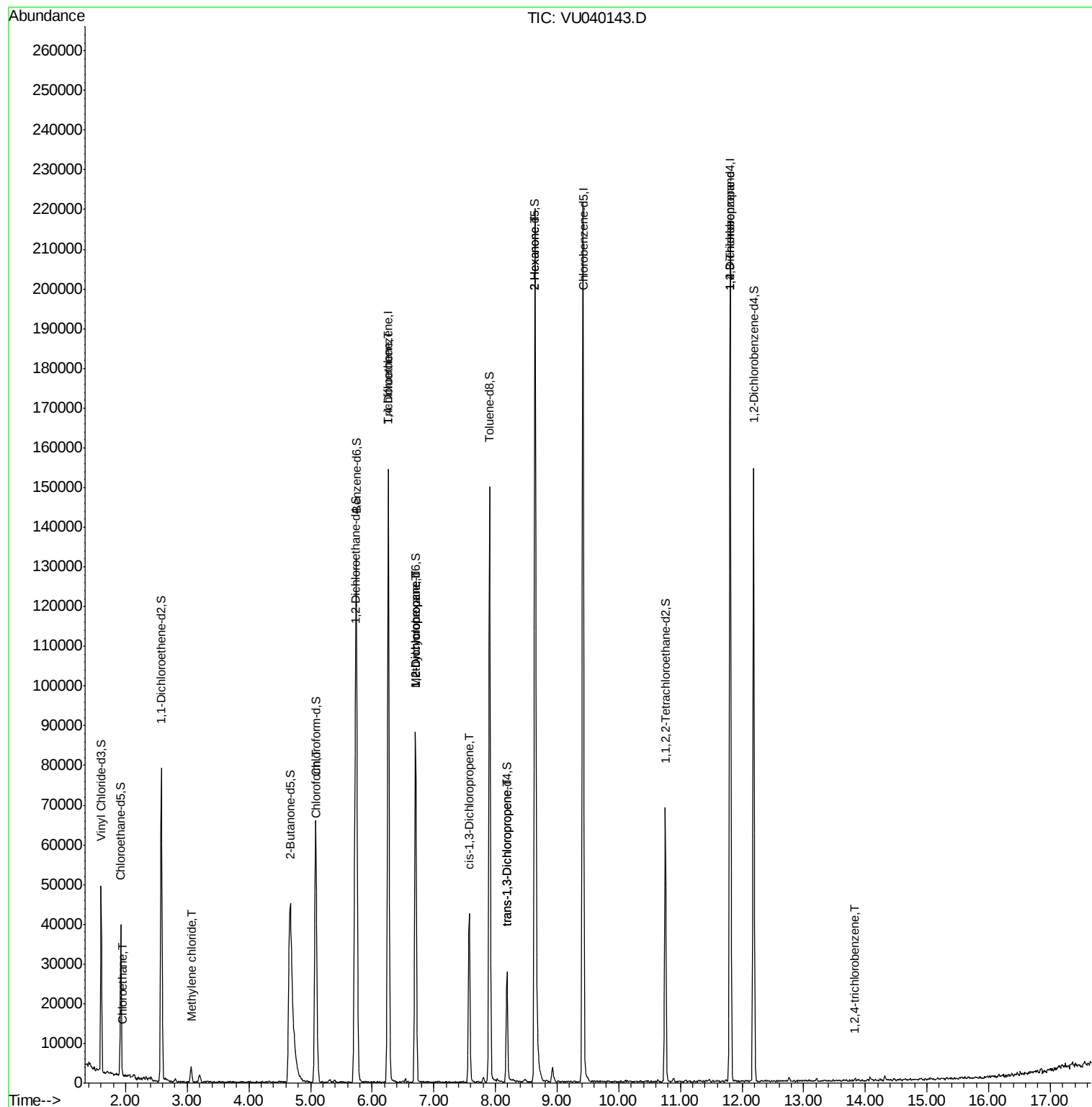
					Ovalue
8) Chloroethane	1.95	64	236	0.036 ug/L #	42
16) Methylene chloride	3.07	84	1521	0.133 ug/L	87
25) Chloroform	5.10	83	5165	0.262 ug/L	86
34) Trichloroethene	6.26	95	2075	0.192 ug/L #	9
35) Methylcyclohexane	6.70	83	9298	0.562 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4678	0.429 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1421	0.088 ug/L	93
44) trans-1,3-Dichloropropene	8.19	75	1042	0.070 ug/L #	51
48) 2-Hexanone	8.64	43	11678	1.790 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7884	0.976 ug/L #	87
68) 1,2,4-trichlorobenzene	13.84	180	347	0.030 ug/L #	46

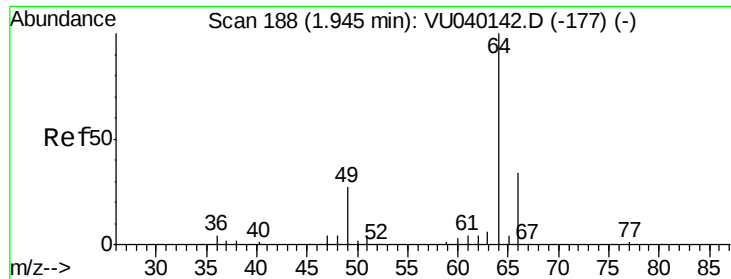
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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VBLK07

Quant Time: Sep 17 01:10:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 01:09:36 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.036 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.01 min

Lab File: VU040143.D

Acq: 16 Sep 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

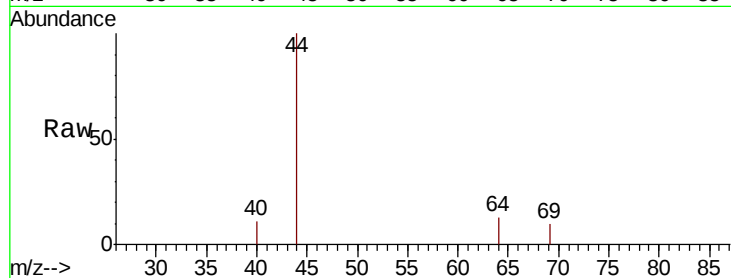
VBLK07

Tot Ion: 64 Resp: 236

Ion Ratio Lower Upper

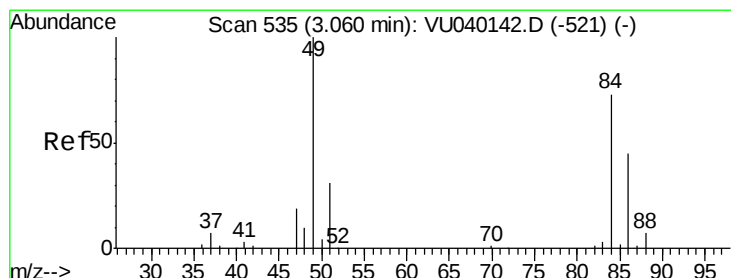
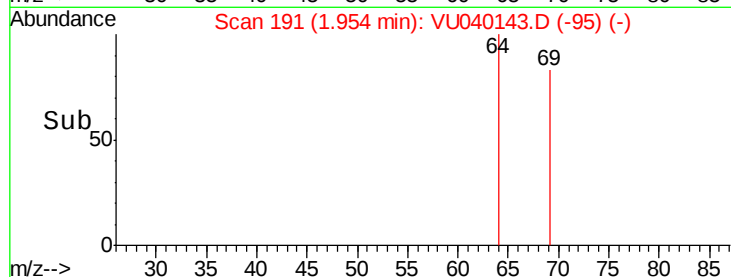
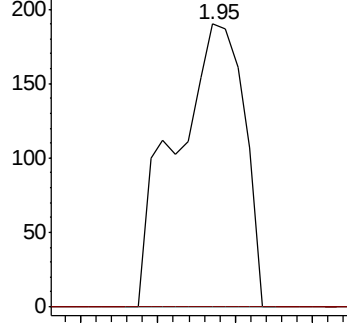
64 100

66 0.0 22.7 42.1#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#16

Methylene chloride

Concen: 0.133 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU040143.D

Acq: 16 Sep 2020 11:12

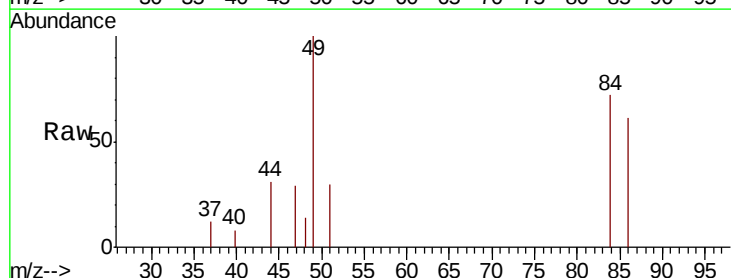
Tgt Ion: 84 Resp: 1521

Ion Ratio Lower Upper

84 100

86 84.0 45.2 84.0

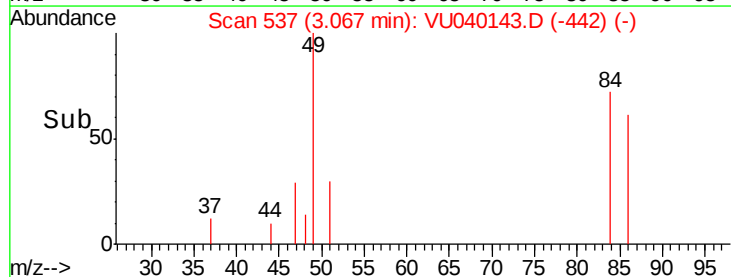
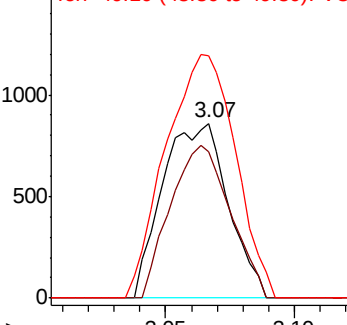
49 138.7 104.0 193.2

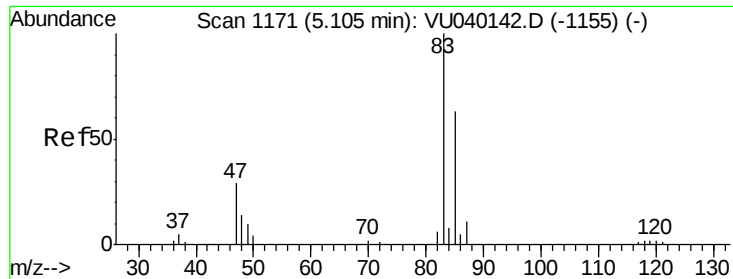


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

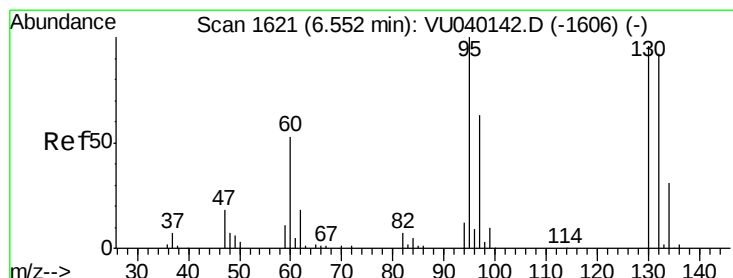
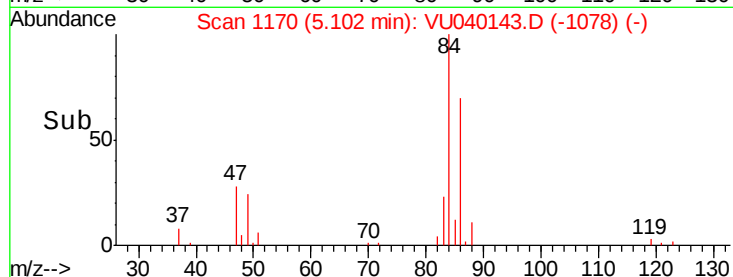
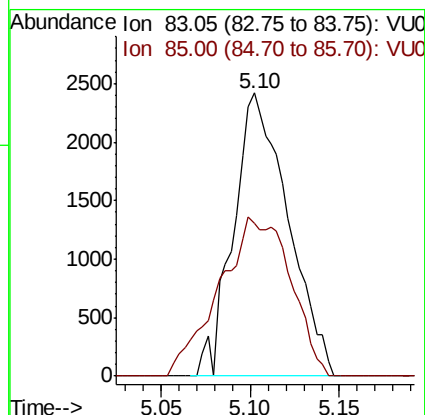
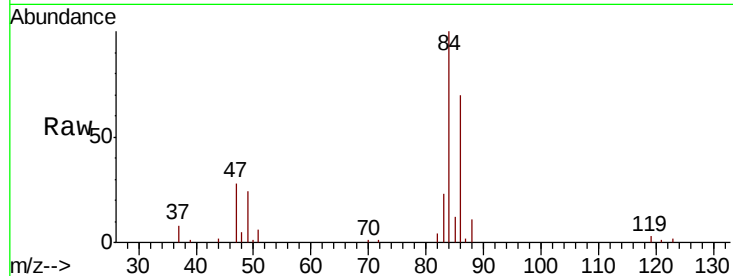




#25
Chloroform
Concen: 0.262 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040143.D
Acq: 16 Sep 2020 11:12

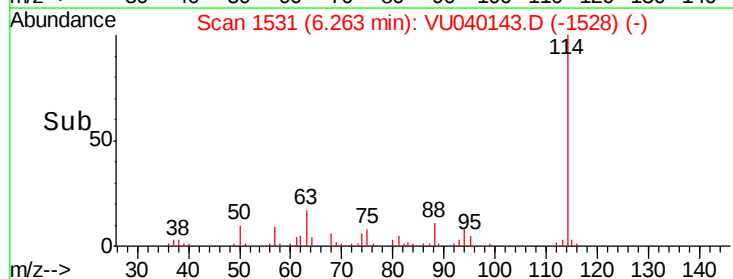
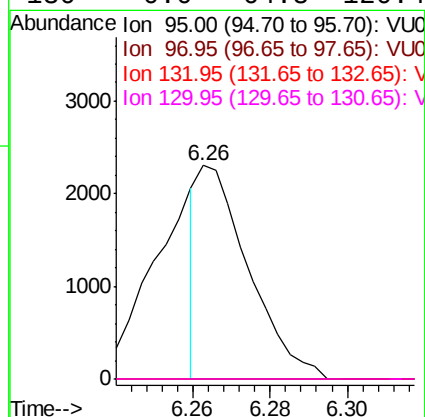
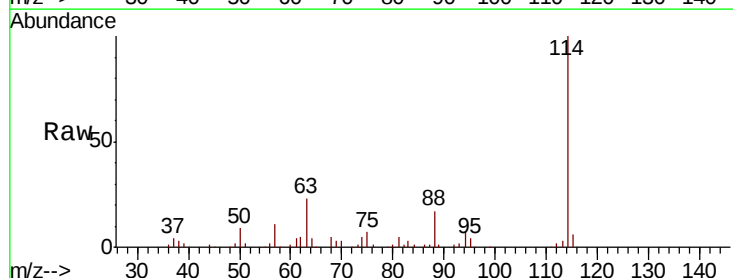
Instrument :
MSVOA_U
ClientSampled :
VBLK07

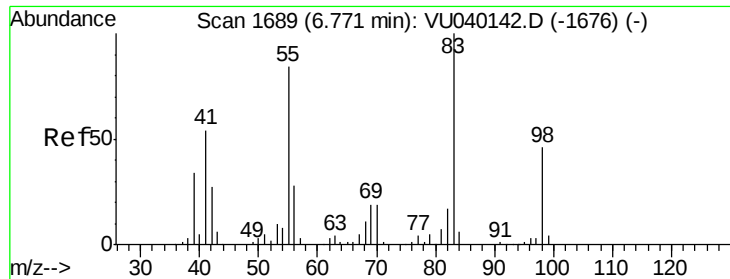
Tot Ion: 83 Resp: 5165
Ion Ratio Lower Upper
83 100
85 54.1 45.3 84.1



#34
Trichloroethene
Concen: 0.192 ug/L
RT: 6.26 min Scan# 1531
Delta R.T. -0.29 min
Lab File: VU040143.D
Acq: 16 Sep 2020 11:12

Tgt Ion: 95 Resp: 2075
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#

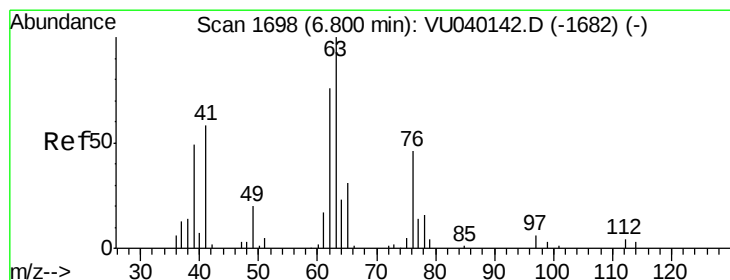
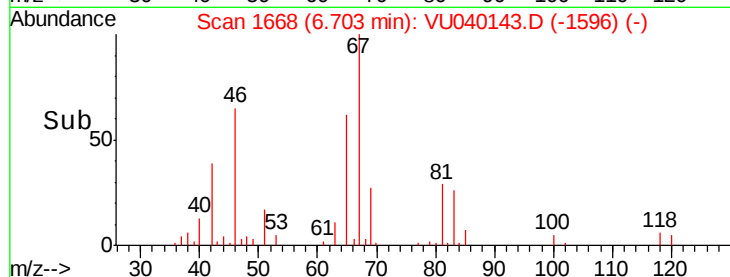
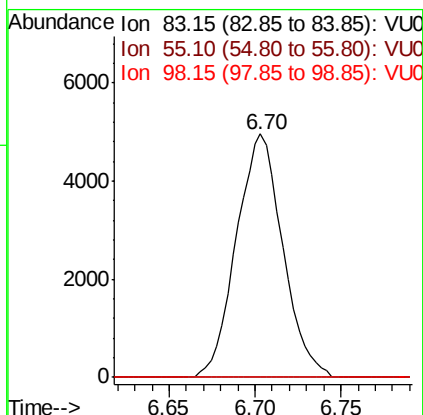
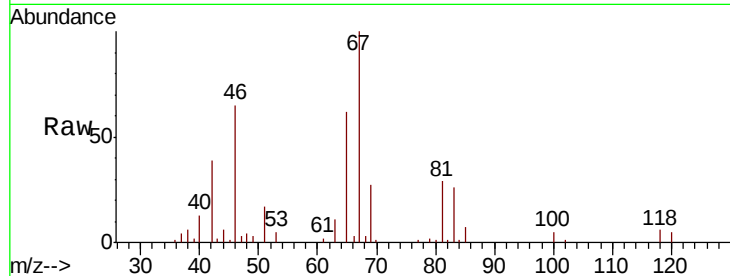




#35
Methvlcvclohexane
Concen: 0.562 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040143.D
Acq: 16 Sep 2020 11:12

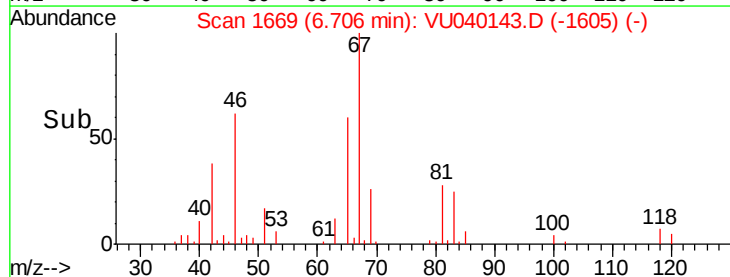
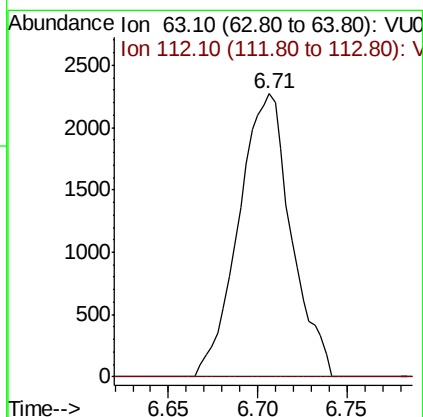
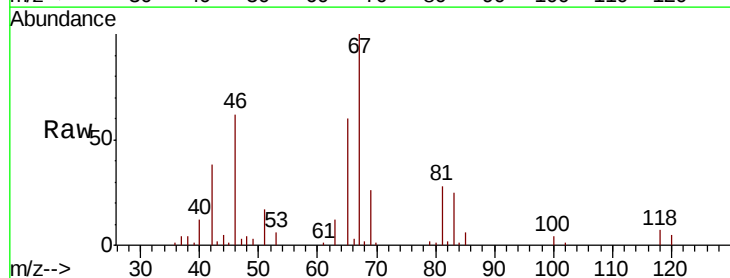
Instrument :
MSVOA_U
ClientSampleId :
VBLK07

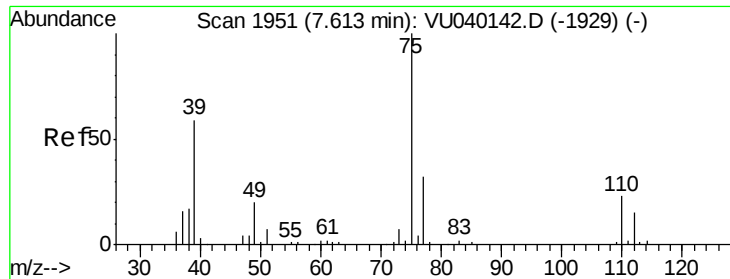
Tot Ion: 83 Resp: 9298
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.5 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.429 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040143.D
Acq: 16 Sep 2020 11:12

Tgt Ion: 63 Resp: 4678
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

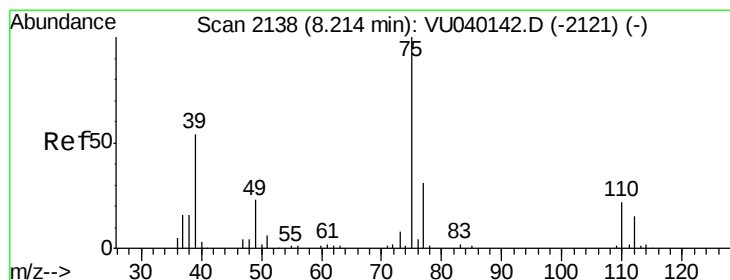
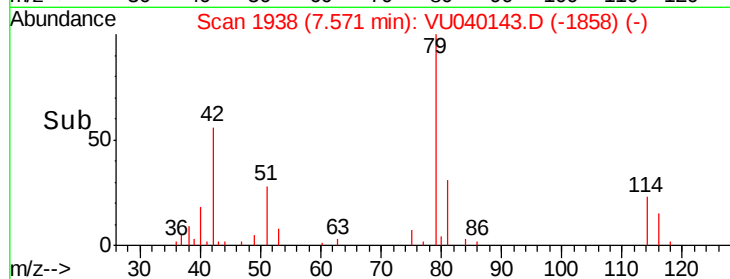
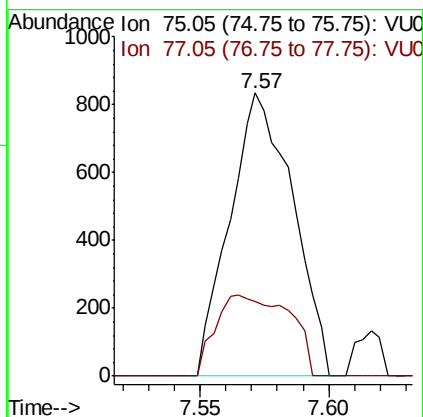
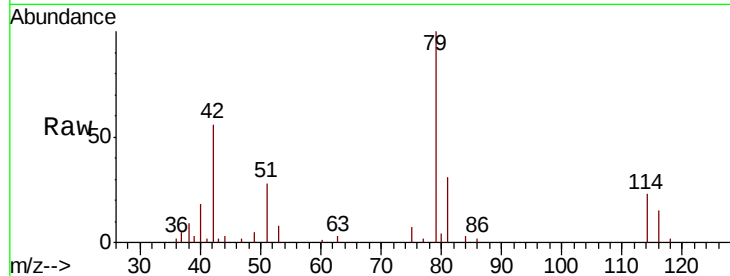




#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040143.D
 Acq: 16 Sep 2020 11:12

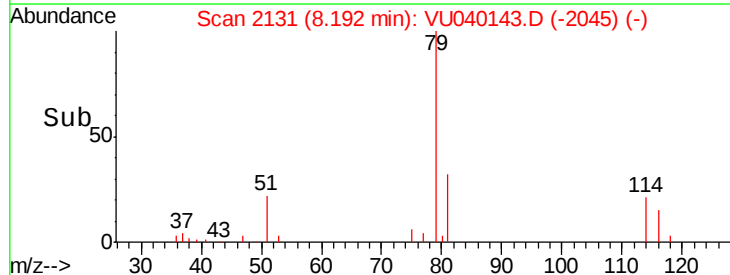
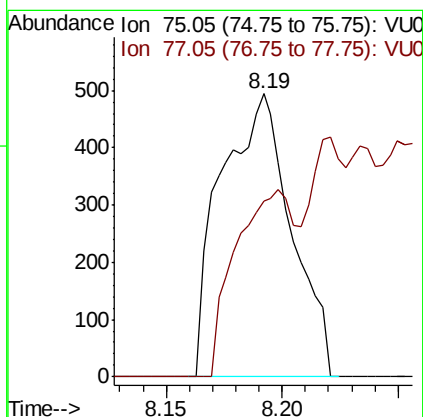
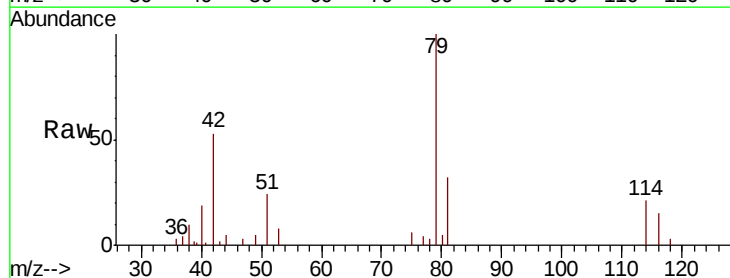
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK07

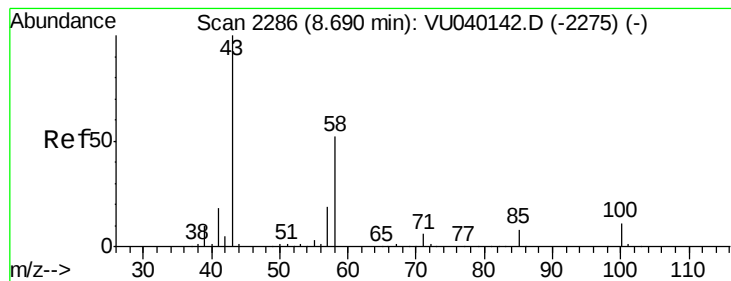
Tot Ion: 75 Resp: 1421
 Ion Ratio Lower Upper
 75 100
 77 26.3 21.1 39.3



#44
 trans-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 8.19 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: VU040143.D
 Acq: 16 Sep 2020 11:12

Tgt Ion: 75 Resp: 1042
 Ion Ratio Lower Upper
 75 100
 77 62.1 23.9 44.3#





#48

2-Hexanone

Concen: 1.790 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040143.D

Acq: 16 Sep 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

VBLK07

Tot Ion: 43 Resp: 11678

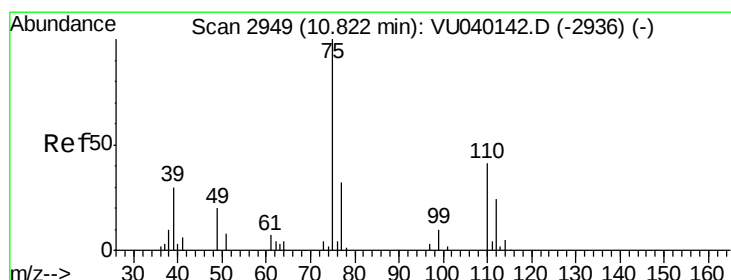
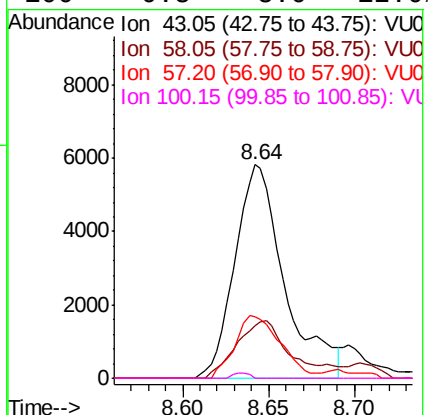
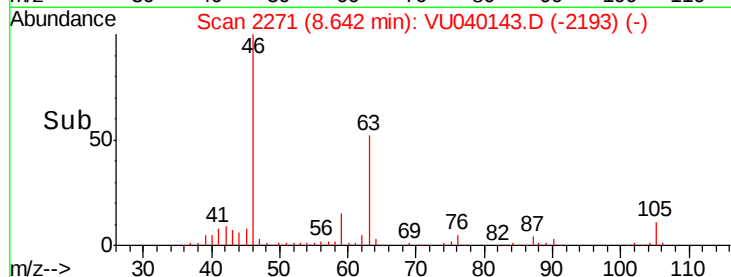
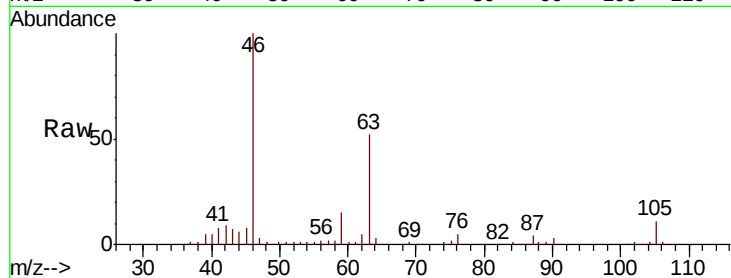
Ion Ratio Lower Upper

43 100

58 27.3 39.6 59.4#

57 26.9 14.3 21.5#

100 0.8 8.0 12.0#



#59

1,2,3-Trichloropropane

Concen: 0.976 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040143.D

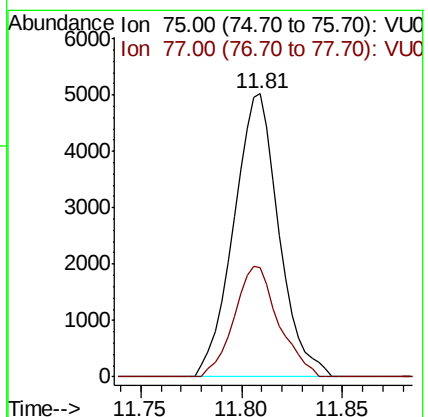
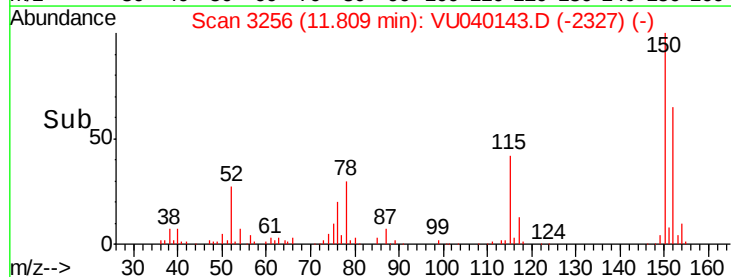
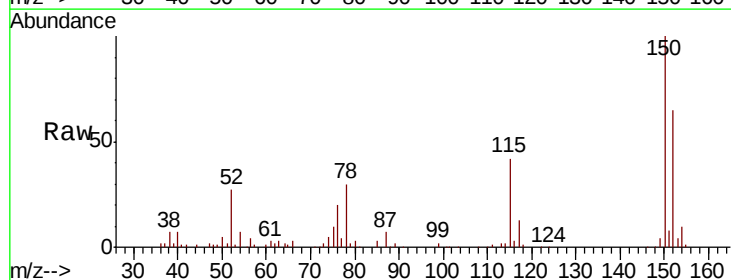
Acq: 16 Sep 2020 11:12

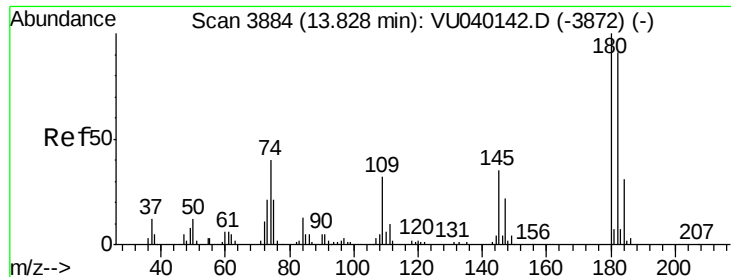
Tgt Ion: 75 Resp: 7884

Ion Ratio Lower Upper

75 100

77 38.2 24.9 37.3#





#68

1,2,4-trichlorobenzene

Concen: 0.030 ug/L

RT: 13.84 min Scan# 3887

Delta R.T. 0.01 min

Lab File: VU040143.D

Acq: 16 Sep 2020 11:12

Instrument :

MSVOA_U

ClientSampleId :

VBLK07

Tot Ion:180 Resp: 347

Ion Ratio Lower Upper

180 100

182 45.0 76.0 114.0#

145 0.0 28.4 42.6#

