

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040340.D
 Acq On : 28 Sep 2020 18:42
 Operator : SY/MD
 Sample : L4147-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 29 07:27:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 07:18:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	134384	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61133	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	39186	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.92	69	36161	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.40%
11) 1,1-Dichloroethene-d2	2.58	63	65087	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.65	46	164782	56.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.30%
24) Chloroform-d	5.08	84	80768	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	52892	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.75	84	163570	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.70	67	55778	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.91	98	132003	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.19	79	19666	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	120234	53.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46041	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51572	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

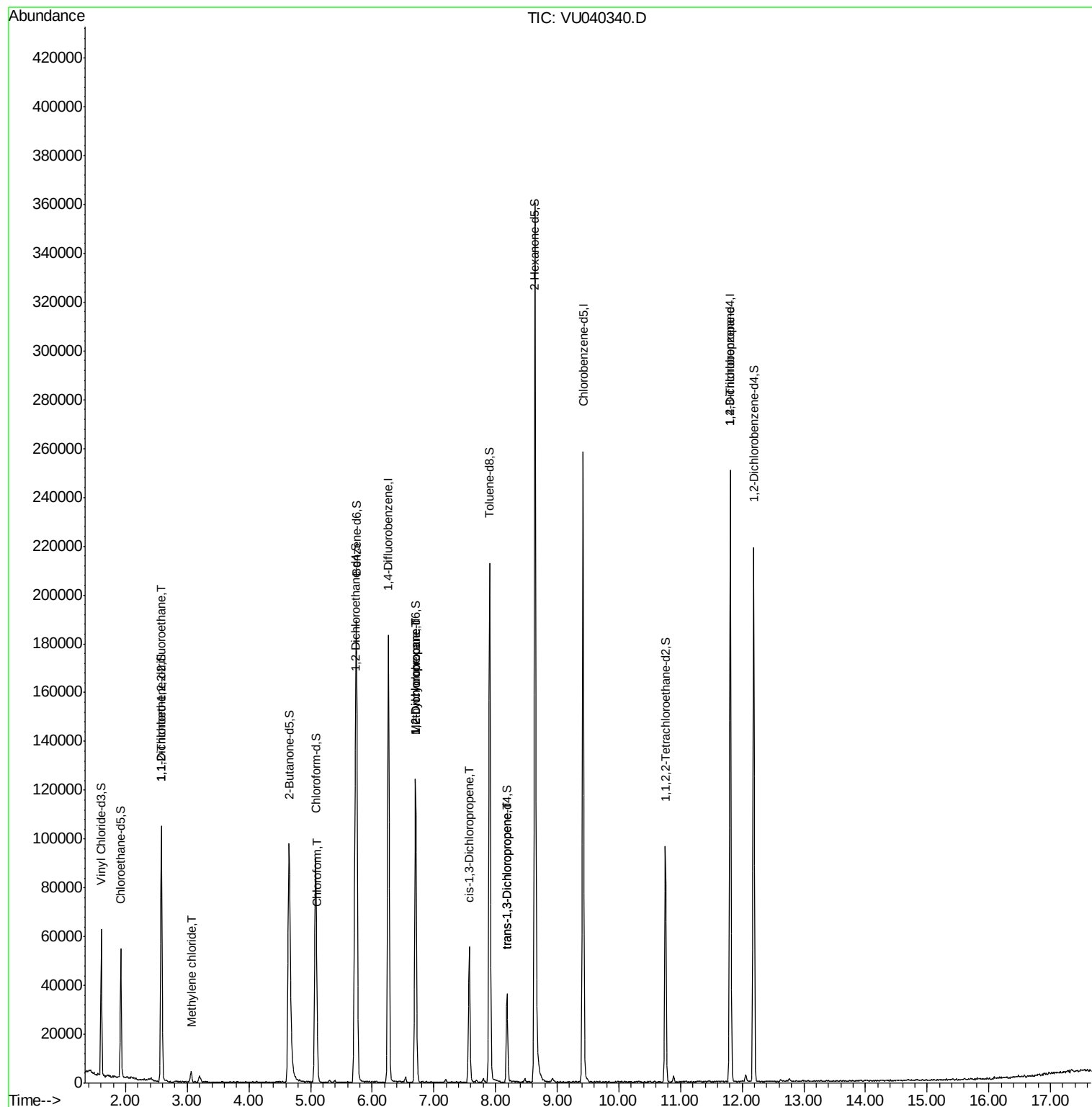
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	580	0.048 ug/L #	22
16) Methylene chloride	3.06	84	1788	0.131 ug/L	97
25) Chloroform	5.11	83	4929	0.209 ug/L	95
35) Methylcyclohexane	6.70	83	12460	0.636 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6231	0.483 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1409	0.074 ug/L #	81
44) trans-1,3-Dichloropropene	8.19	75	984	0.056 ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	8774	0.918 ug/L #	81

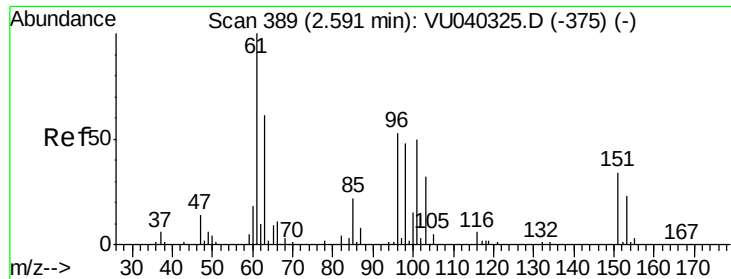
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092820\
Data File : VU040340.D
Acq On : 28 Sep 2020 18:42
Operator : SY/MD
Sample : L4147-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 29 07:27:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration





#10

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

Concen: 0.048 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040340.D

Acq: 28 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

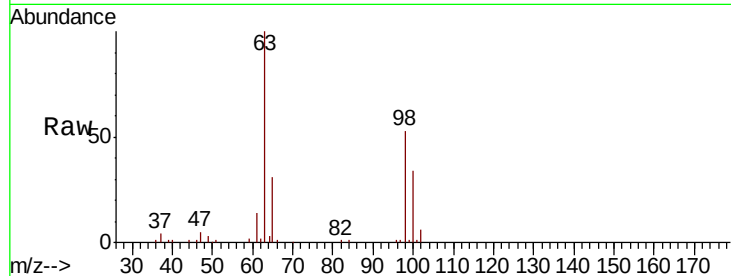
Tot Ion:101 Resp: 580

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

600

500

400

300

200

100

0

2.54

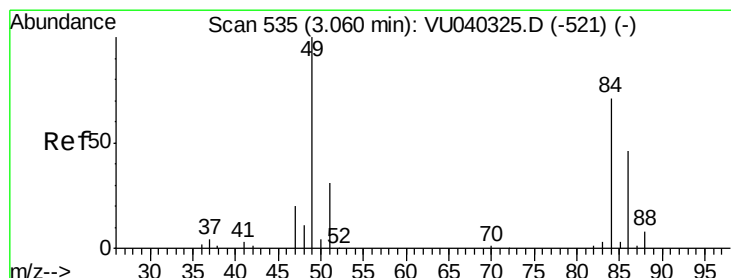
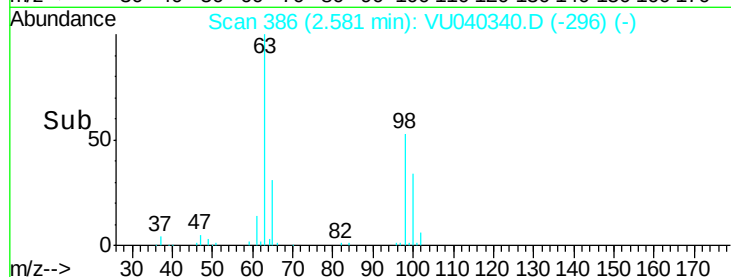
2.56

2.58

2.60

2.62

Time-->



#16

Methylene chloride

Concen: 0.131 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040340.D

Acq: 28 Sep 2020 18:42

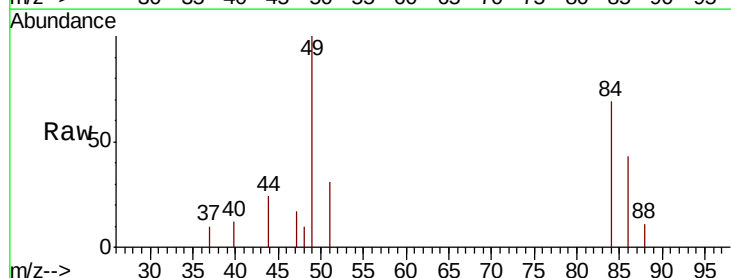
Tgt Ion: 84 Resp: 1788

Ion Ratio Lower Upper

84 100

86 62.8 45.2 84.0

49 144.8 104.0 193.2



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

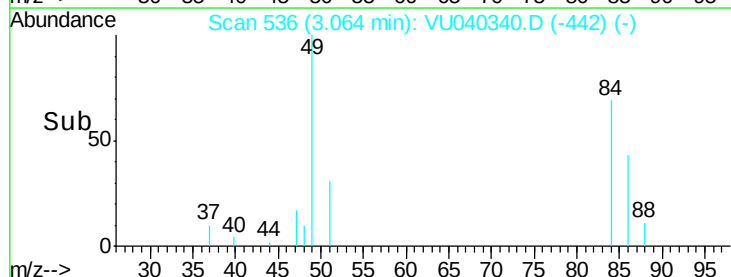
0

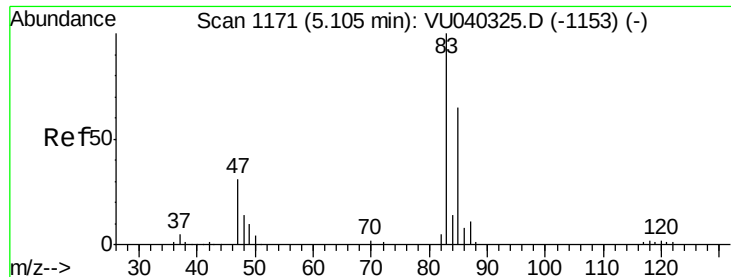
3.00

3.05

3.10

Time-->

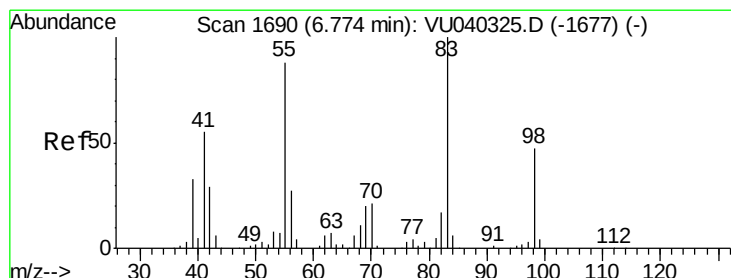
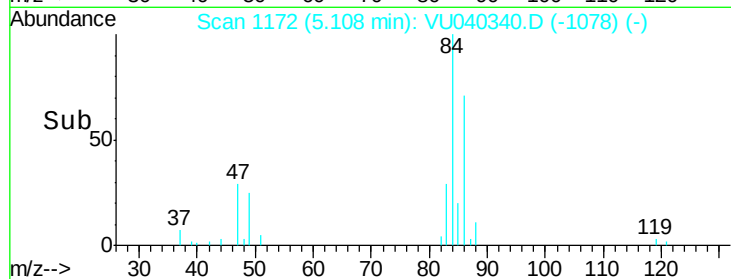
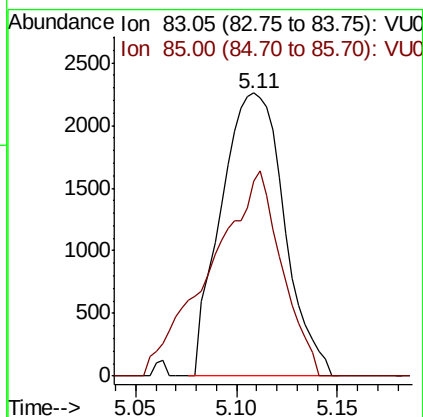
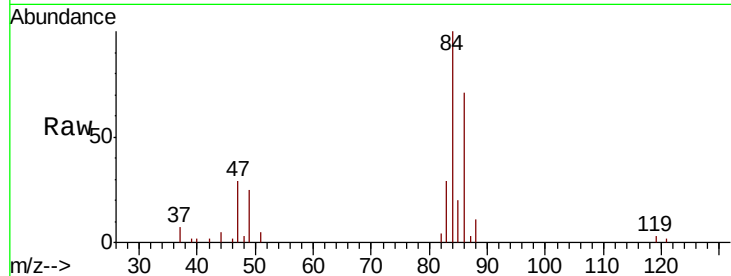




#25
Chloroform
Concen: 0.209 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040340.D
Acq: 28 Sep 2020 18:42

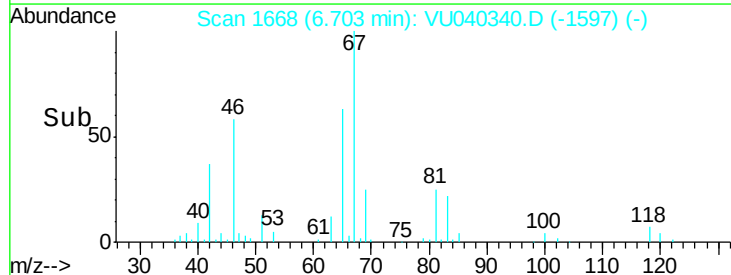
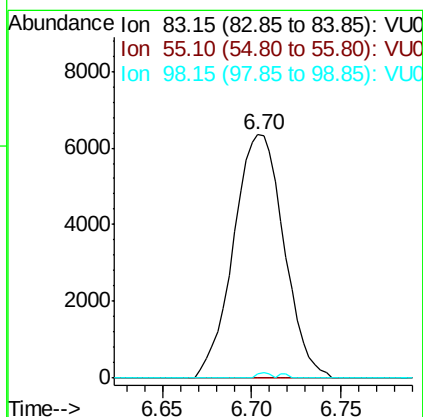
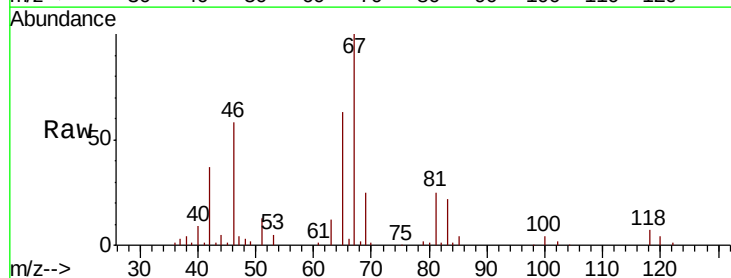
Instrument :
MSVOA_U
ClientSampled :
VHBLK01

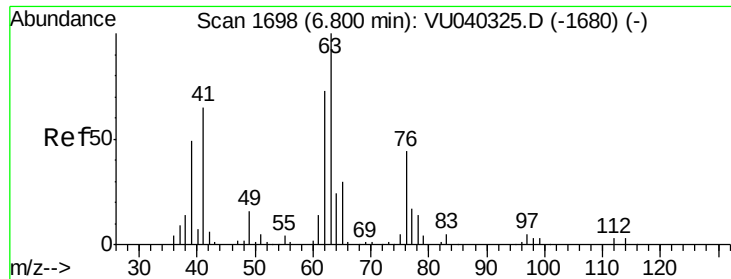
Tot Ion: 83 Resp: 4929
Ion Ratio Lower Upper
83 100
85 68.7 45.3 84.1



#35
Methylcyclohexane
Concen: 0.636 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040340.D
Acq: 28 Sep 2020 18:42

Tgt Ion: 83 Resp: 12460
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.5 37.8 56.6#

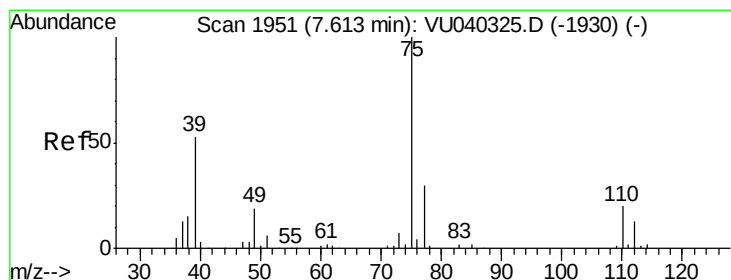
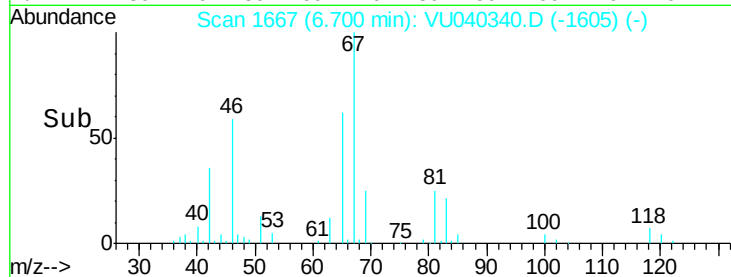
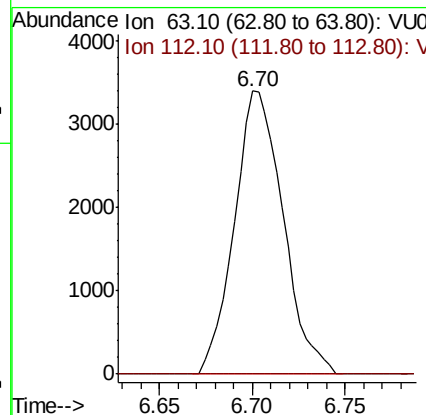
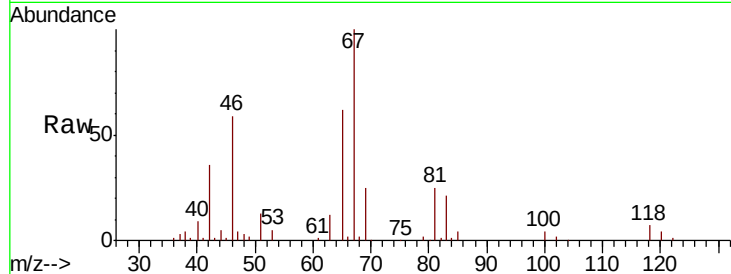




#37
 1,2-Dichloropropane
 Concen: 0.483 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040340.D
 Acq: 28 Sep 2020 18:42

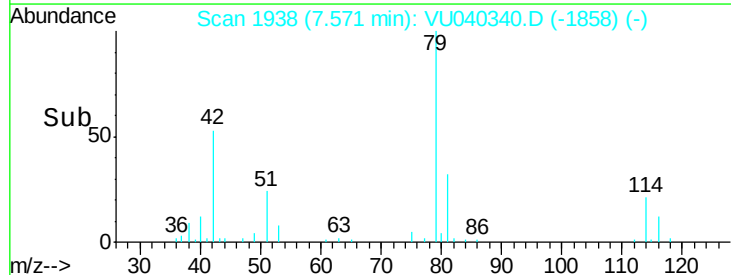
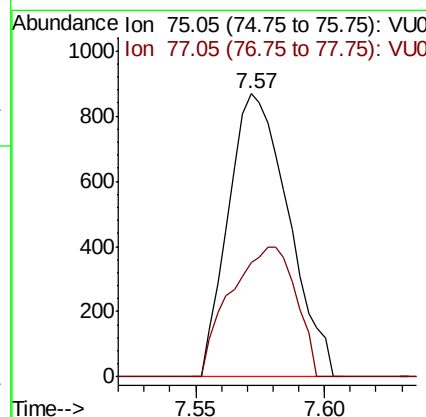
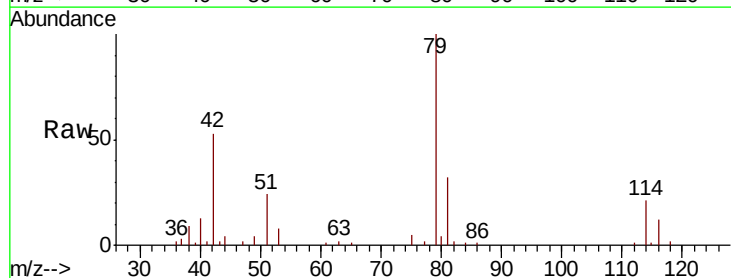
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

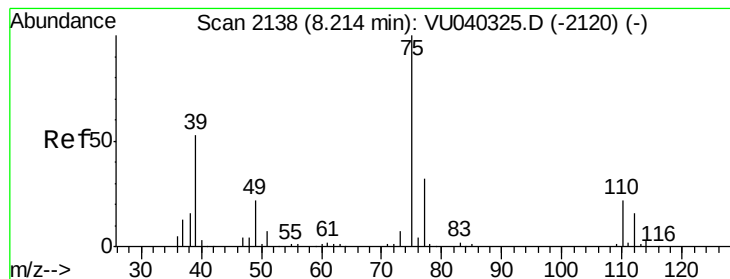
Tot Ion: 63 Resp: 6231
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040340.D
 Acq: 28 Sep 2020 18:42

Tgt Ion: 75 Resp: 1409
 Ion Ratio Lower Upper
 75 100
 77 40.3 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040340.D

Acq: 28 Sep 2020 18:42

Instrument :

MSVOA_U

ClientSampleId :

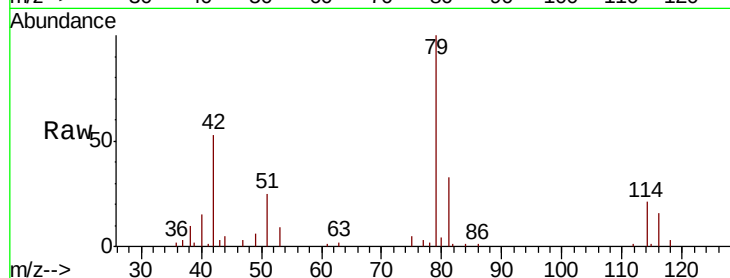
VHBLK01

Tot Ion: 75 Resp: 984

Ion Ratio Lower Upper

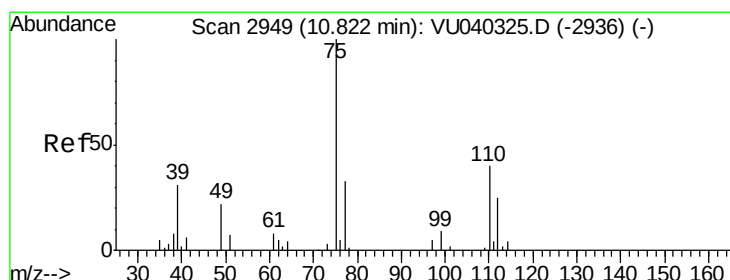
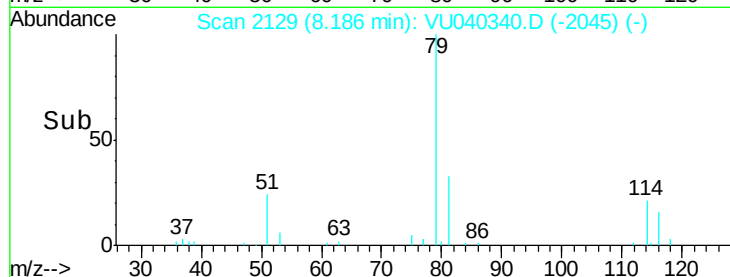
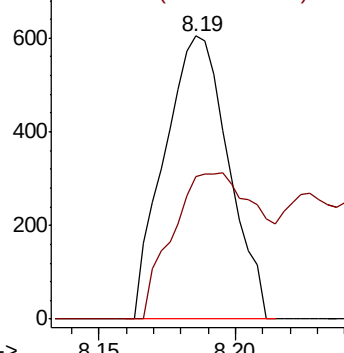
75 100

77 50.3 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.918 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040340.D

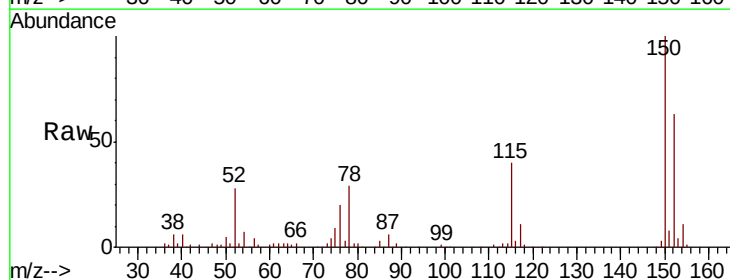
Acq: 28 Sep 2020 18:42

Tgt Ion: 75 Resp: 8774

Ion Ratio Lower Upper

75 100

77 41.4 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

