

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040200.D
 Acq On : 18 Sep 2020 11:00
 Operator : SY/MD
 Sample : VU0918WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK10

Quant Time: Sep 18 23:21:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114217	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49032	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31046	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.92	69	28769	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.58	63	52047	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.65	46	132567	53.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.30%
24) Chloroform-d	5.08	84	70515	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	47120	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	133614	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.70	67	44750	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.90	98	104003	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.19	79	18887	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.64	63	95828	50.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39943	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	42513	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

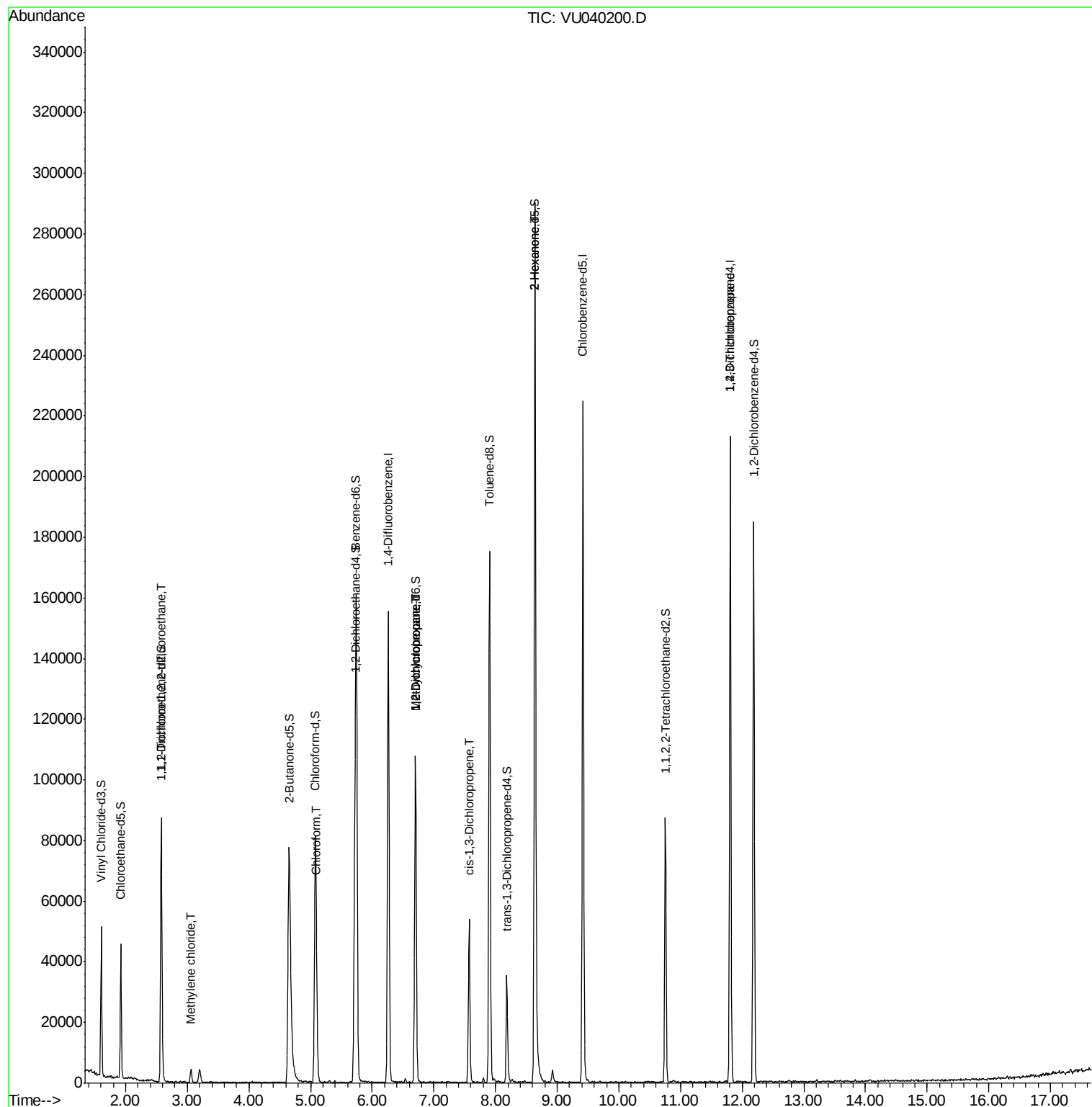
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	496	0.049 ug/L #	22
16) Methylene chloride	3.06	84	1777	0.154 ug/L	92
25) Chloroform	5.11	83	6182	0.308 ug/L	98
35) Methylcyclohexane	6.70	83	11659	0.701 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6202	0.566 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1601	0.099 ug/L	90
48) 2-Hexanone	8.64	43	13365	2.037 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7396	0.911 ug/L	92

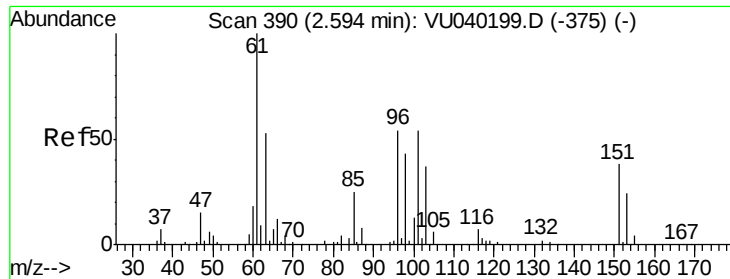
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration





#10

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

Concen: 0.049 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU040200.D

Acq: 18 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VBLK10

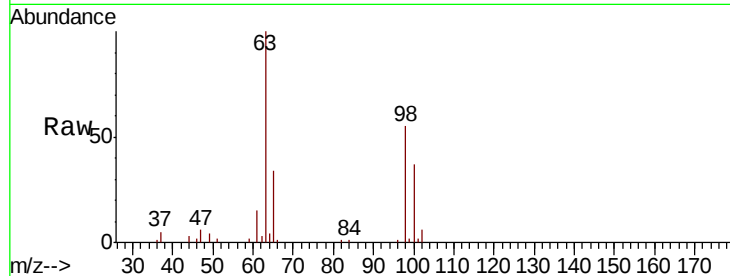
Tot Ion:101 Resp: 496

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

2.59

300

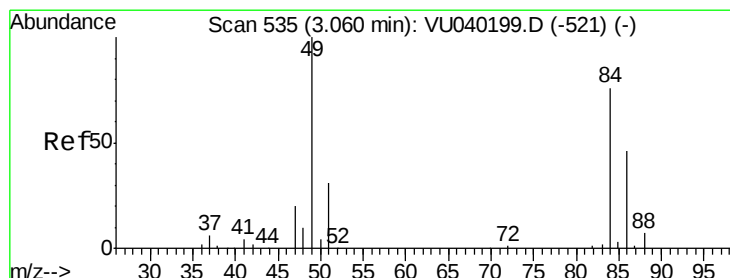
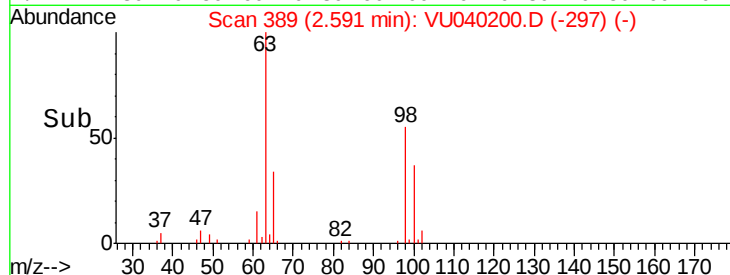
200

100

0

2.56 2.58 2.60

Time-->



#16

Methylene chloride

Concen: 0.154 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU040200.D

Acq: 18 Sep 2020 11:00

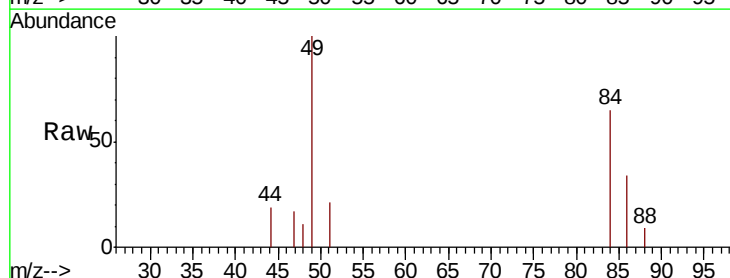
Tgt Ion: 84 Resp: 1777

Ion Ratio Lower Upper

84 100

86 51.8 45.2 84.0

49 154.6 104.0 193.2



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

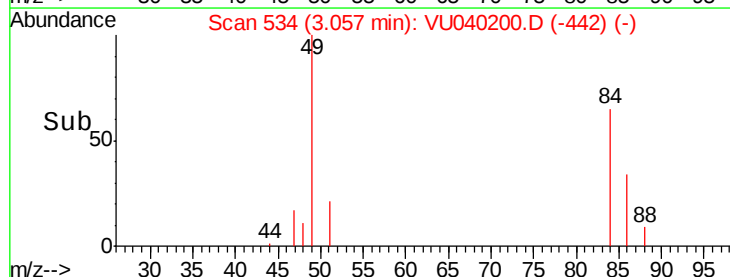
1000

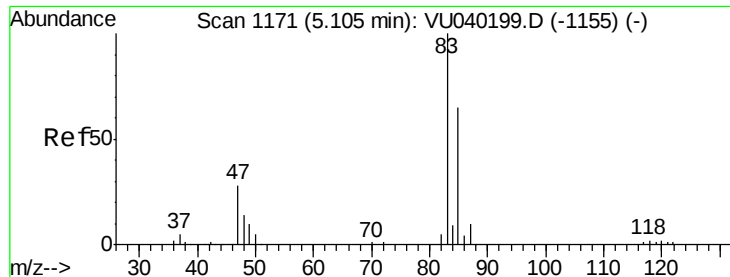
500

0

3.05 3.10

Time-->

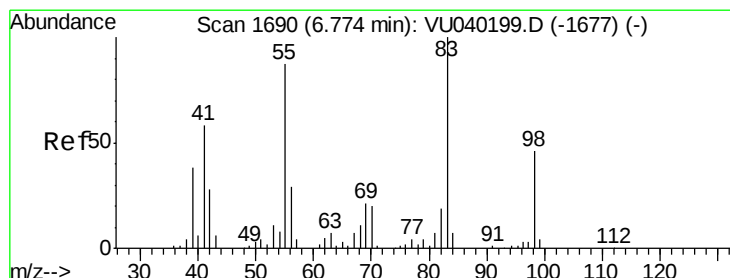
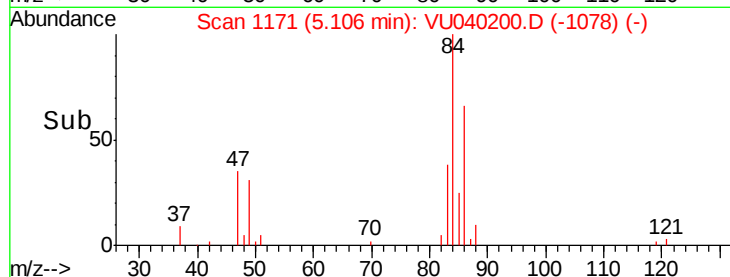
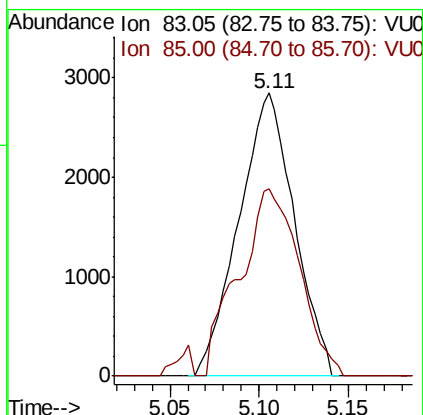
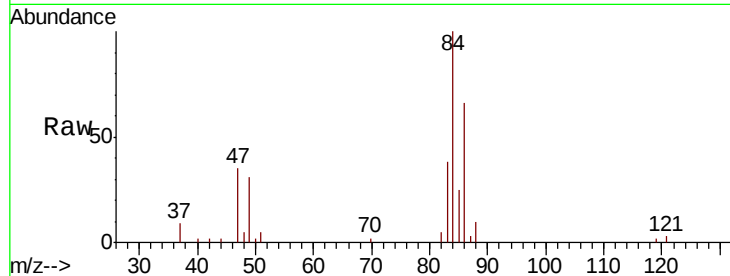




#25
Chloroform
Concen: 0.308 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040200.D
Acq: 18 Sep 2020 11:00

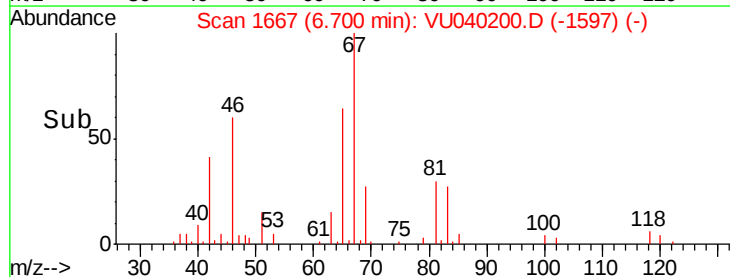
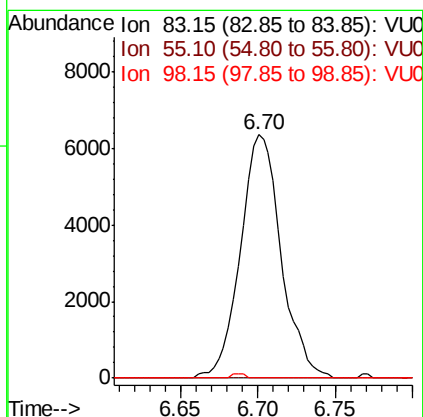
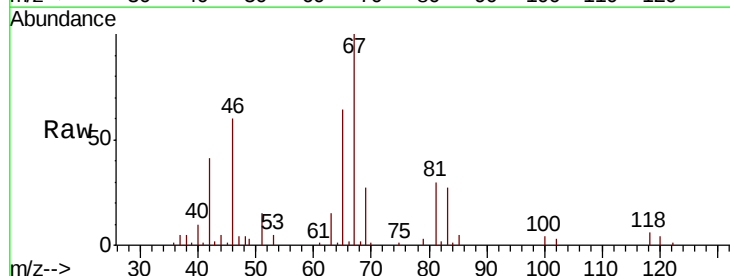
Instrument :
MSVOA_U
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VBLK10

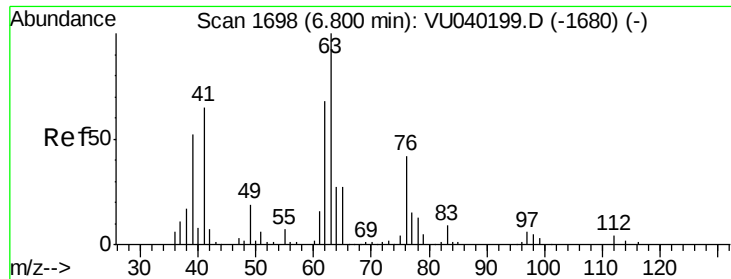
Tot Ion: 83 Resp: 6182
Ion Ratio Lower Upper
83 100
85 66.0 45.3 84.1



#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040200.D
Acq: 18 Sep 2020 11:00

Tgt Ion: 83 Resp: 11659
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.5 37.8 56.6#

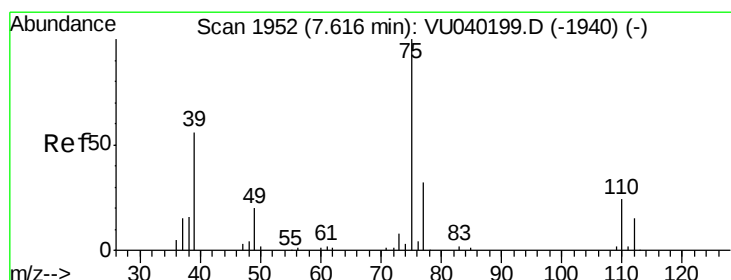
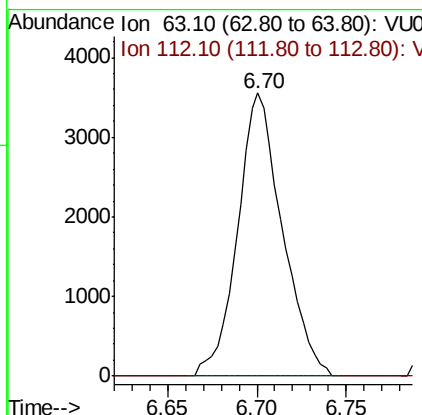
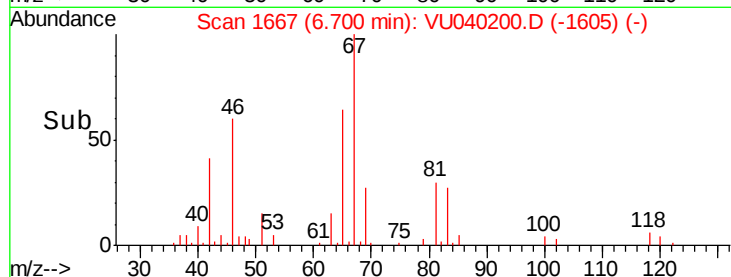
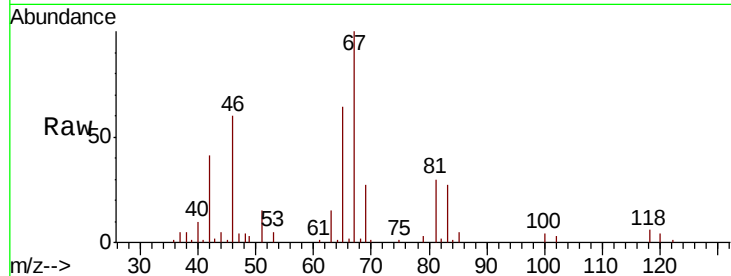




#37
 1,2-Dichloropropane
 Concen: 0.566 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040200.D
 Acq: 18 Sep 2020 11:00

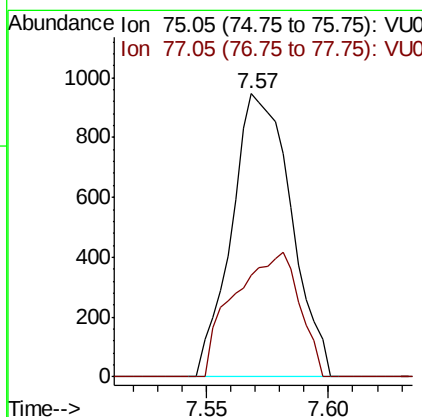
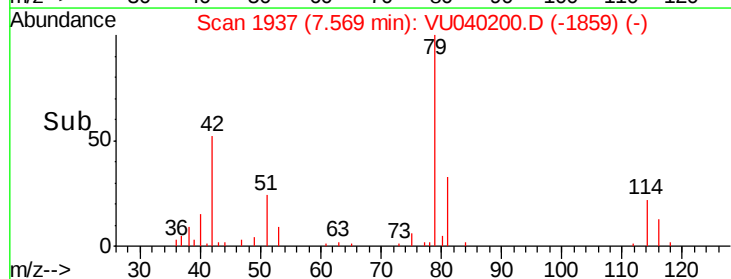
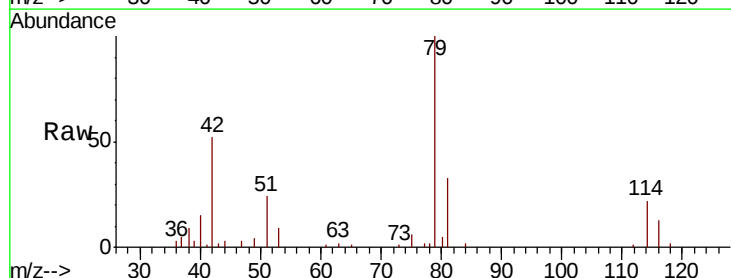
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK10

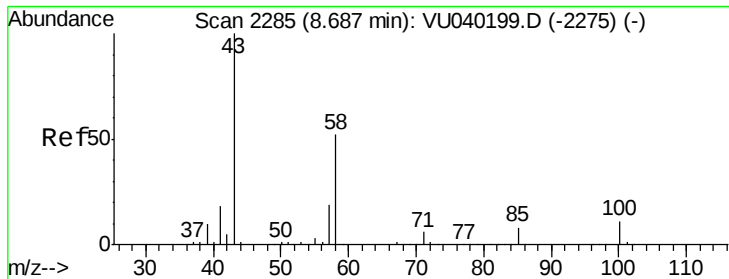
Tot Ion: 63 Resp: 6202
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU040200.D
 Acq: 18 Sep 2020 11:00

Tgt Ion: 75 Resp: 1601
 Ion Ratio Lower Upper
 75 100
 77 35.8 21.1 39.3





#48

2-Hexanone

Concen: 2.037 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040200.D

Acq: 18 Sep 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

VBLK10

Tot Ion: 43 Resp: 13365

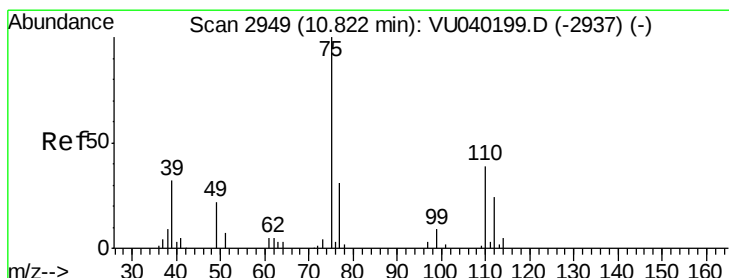
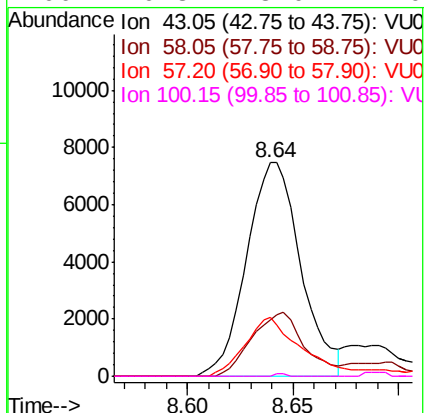
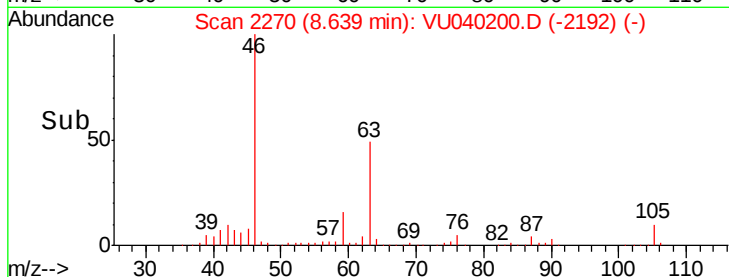
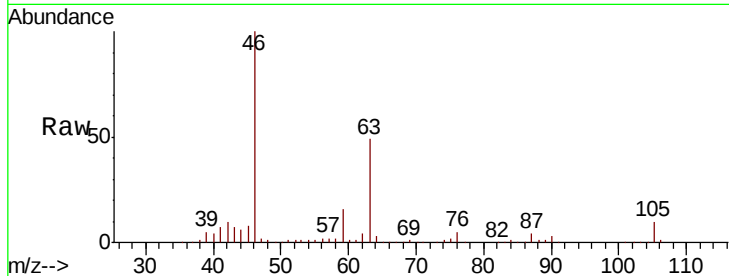
Ion Ratio Lower Upper

43 100

58 29.2 39.6 59.4#

57 30.9 14.3 21.5#

100 0.3 8.0 12.0#



#59

1,2,3-Trichloropropane

Concen: 0.911 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040200.D

Acq: 18 Sep 2020 11:00

Tgt Ion: 75 Resp: 7396

Ion Ratio Lower Upper

75 100

77 35.5 24.9 37.3

