

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040471.D
 Acq On : 02 Oct 2020 19:48
 Operator : SY/MD
 Sample : L4185-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 00:20:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119085	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118228	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54032	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30174	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.93	69	25741	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.58	63	50161	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.66	46	128864	44.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.00%
24) Chloroform-d	5.08	84	65277	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.72	65	41317	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.75	84	123630	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.70	67	43297	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	105447	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	8.19	79	16344	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.64	63	86631	41.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.02%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36046	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	41639	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

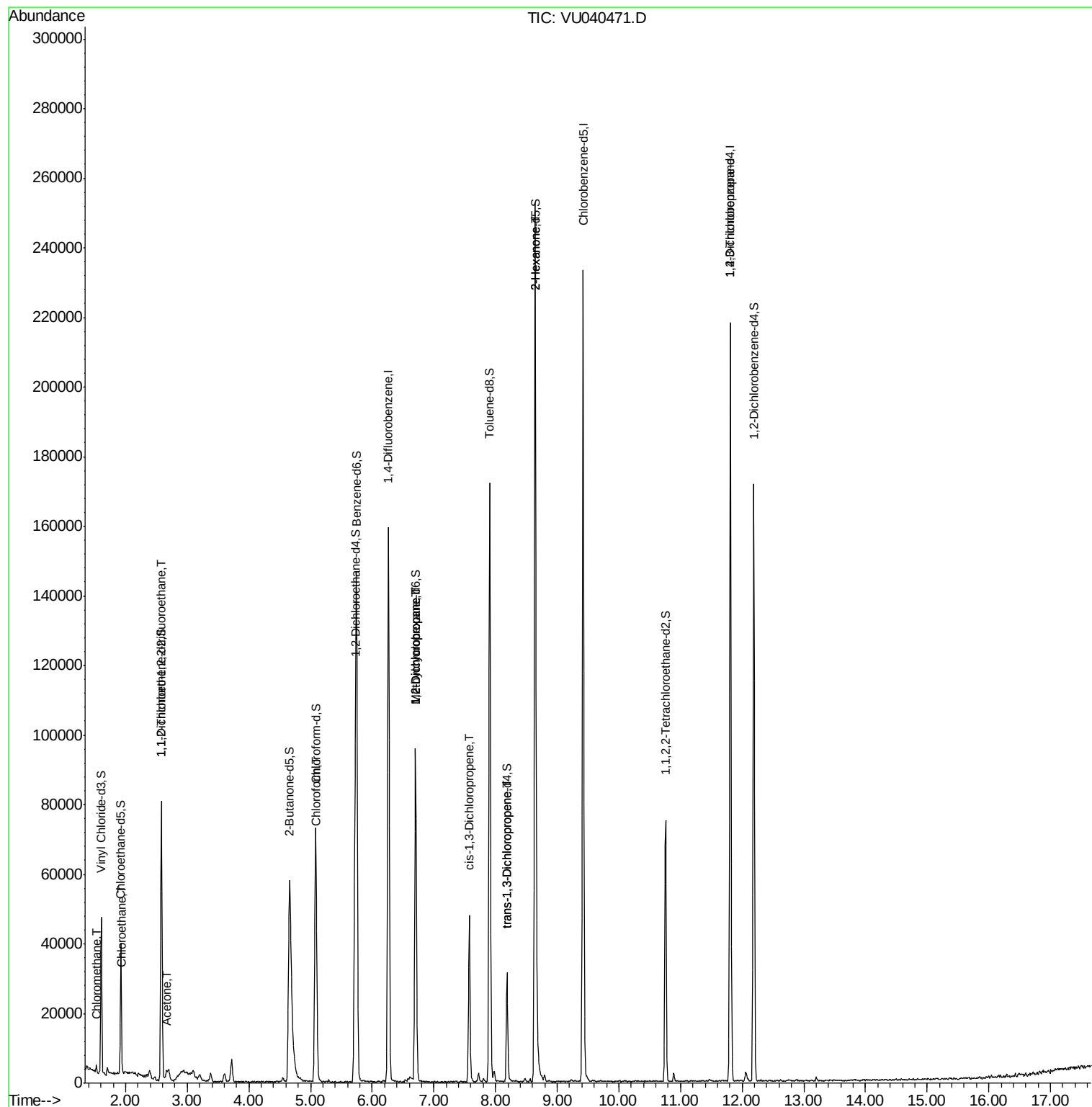
					Ovalue
3) Chloromethane	1.53	50	1780	0.152	ug/L 92
8) Chloroethane	1.94	64	330	0.048	ug/L # 44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	456	0.045	ug/L # 22
13) Acetone	2.66	43	6345	2.600	ug/L 74
25) Chloroform	5.10	83	1504	0.077	ug/L 88
35) Methylcyclohexane	6.70	83	10207	0.661	ug/L # 14
37) 1,2-Dichloropropane	6.71	63	5107	0.463	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1350	0.091	ug/L 85
44) trans-1,3-Dichloropropene	8.18	75	784	0.057	ug/L # 79
48) 2-Hexanone	8.65	43	12555	1.971	ug/L # 70
59) 1,2,3-Trichloropropane	11.81	75	6888	0.861	ug/L # 85

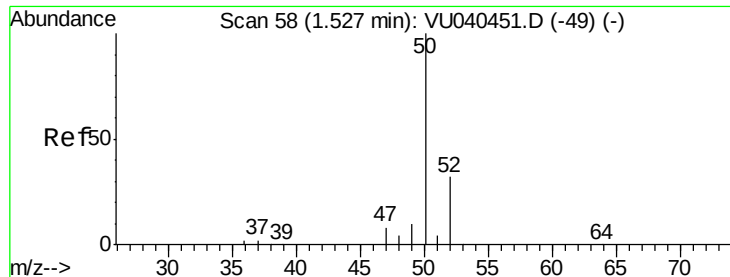
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.152 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040471.D

Acq: 02 Oct 2020 19:48

Instrument :

MSVOA_U

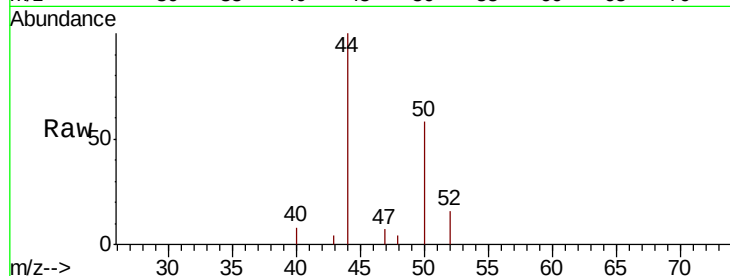
ClientSampleId :

Tot Ion: 50 Resp: 1780

Ion Ratio Lower Upper

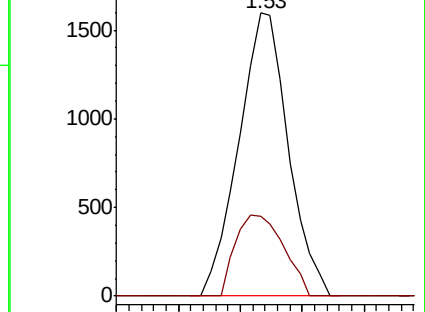
50 100

52 28.3 23.0 42.6

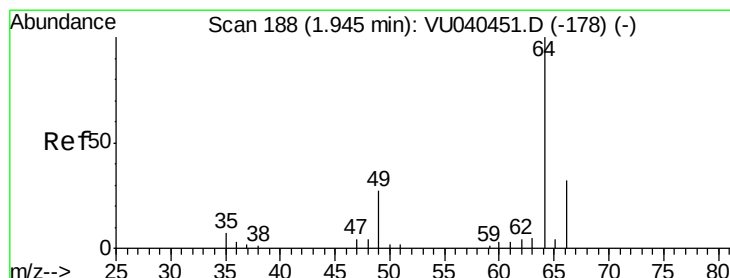
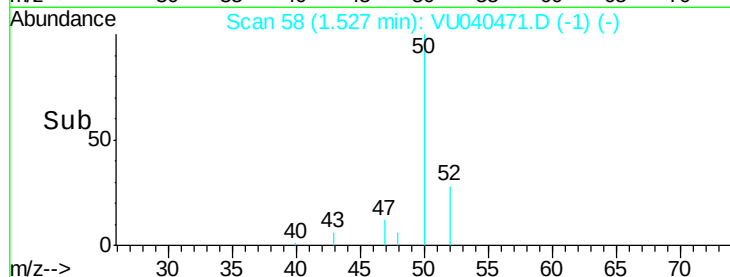


Abundance Ion 50.05 (49.75 to 50.75): VU040471.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040471.D (-1) (-)



Time--> 1.48 1.50 1.52 1.54 1.56



#8

Chloroethane

Concen: 0.048 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040471.D

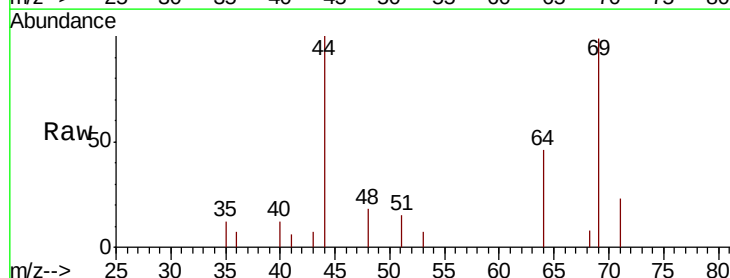
Acq: 02 Oct 2020 19:48

Tgt Ion: 64 Resp: 330

Ion Ratio Lower Upper

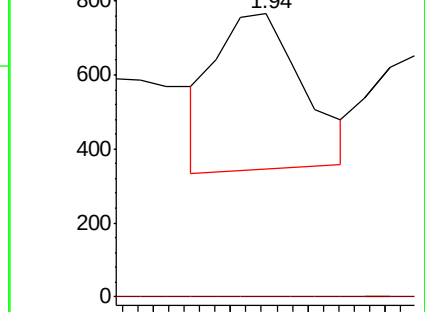
64 100

66 0.0 21.3 39.6#

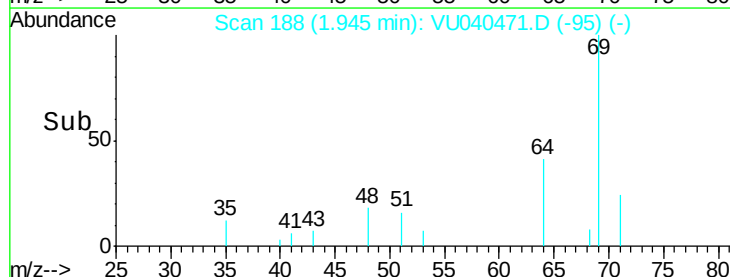


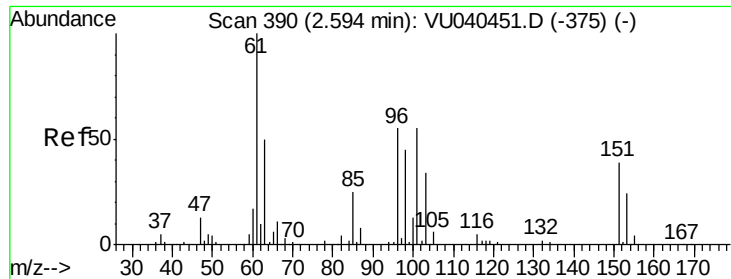
Abundance Ion 64.10 (63.80 to 64.80): VU040471.D (-95) (-)

Ion 66.05 (65.75 to 66.75): VU040471.D (-95) (-)



Time--> 1.93 1.94 1.95 1.96





#10

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

Concen: 0.045 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040471.D

Acq: 02 Oct 2020 19:48

Instrument :

MSVOA_U

ClientSampleId :

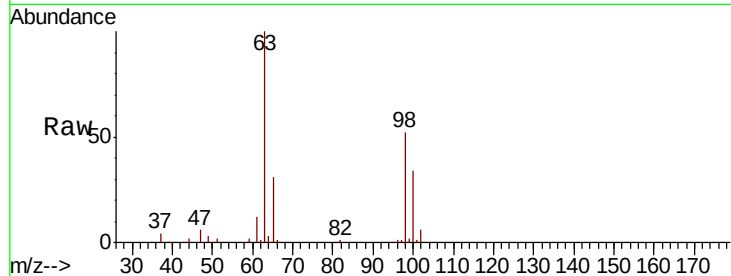
Tot Ion:101 Resp: 456

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 55.4 83.2#



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

2.58

300

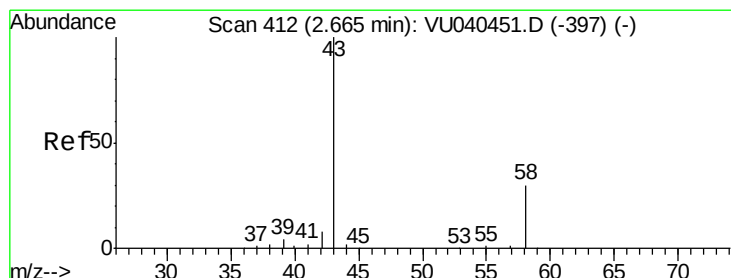
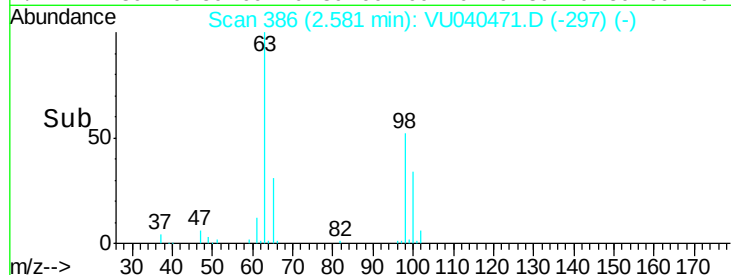
200

100

0

2.54 2.56 2.58 2.60 2.62

Time-->



#13

Acetone

Concen: 2.600 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU040471.D

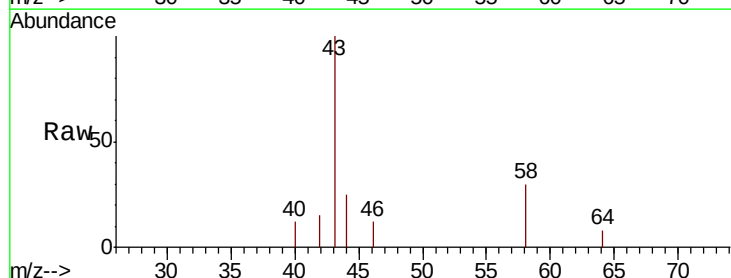
Acq: 02 Oct 2020 19:48

Tgt Ion: 43 Resp: 6345

Ion Ratio Lower Upper

43 100

58 16.8 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.66

2000

1500

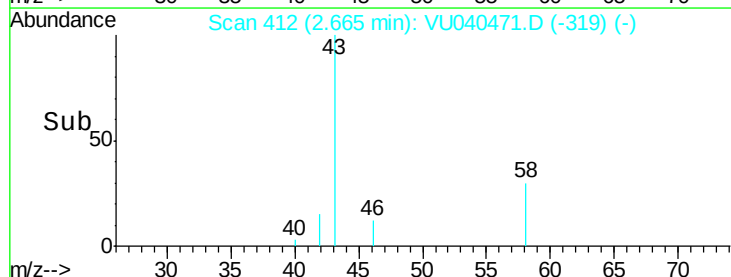
1000

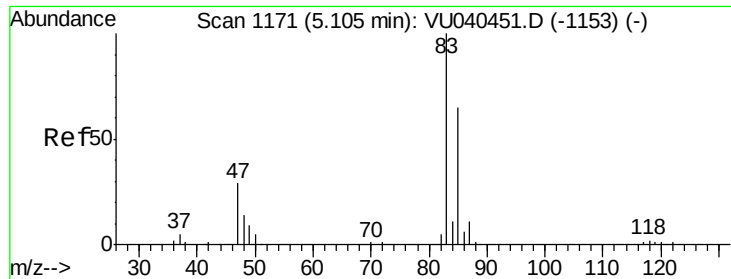
500

0

2.60 2.65 2.70 2.75

Time-->

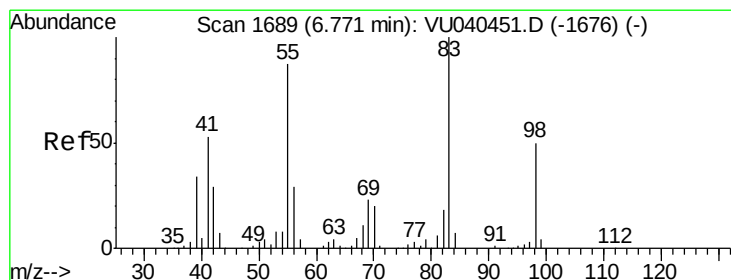
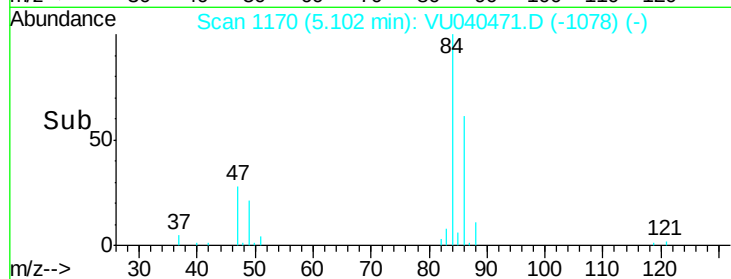
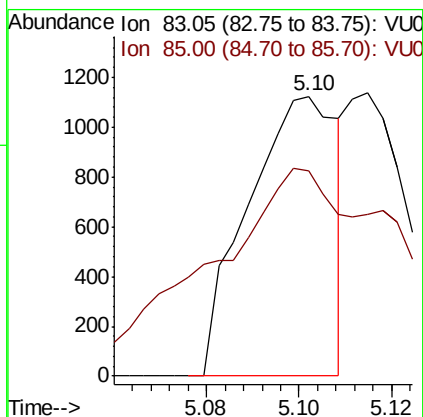
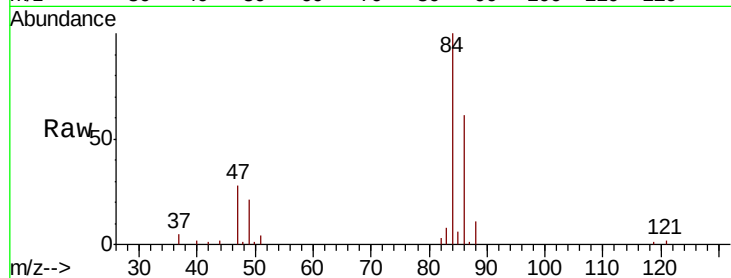




#25
Chloroform
Concen: 0.077 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040471.D
Acq: 02 Oct 2020 19:48

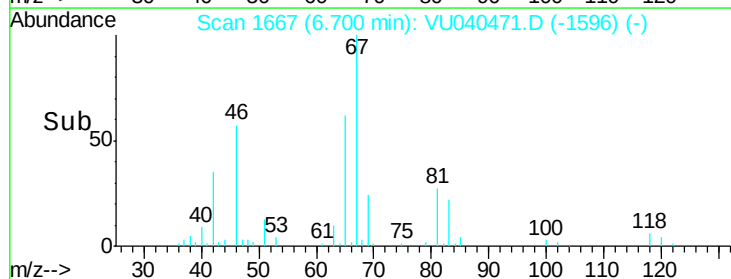
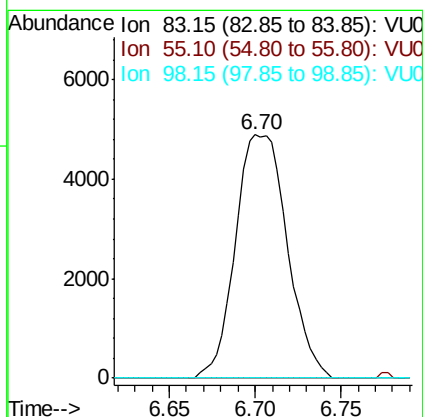
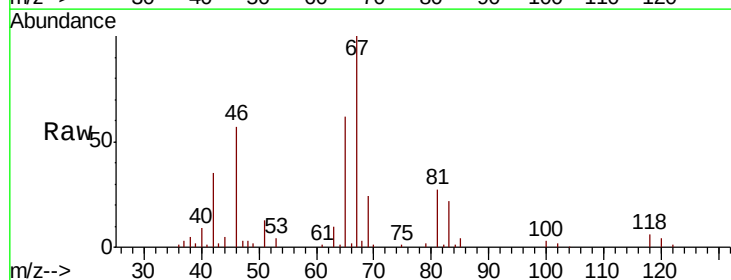
Instrument :
MSVOA_U
ClientSampled :

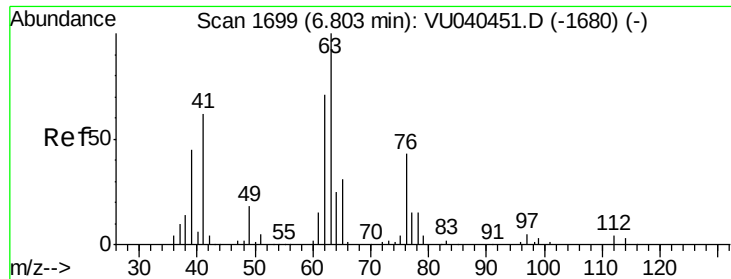
Tot Ion: 83 Resp: 1504
Ion Ratio Lower Upper
83 100
85 73.4 44.6 82.8



#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040471.D
Acq: 02 Oct 2020 19:48

Tgt Ion: 83 Resp: 10207
Ion Ratio Lower Upper
83 100
55 0.5 71.4 107.2#
98 0.0 38.5 57.7#

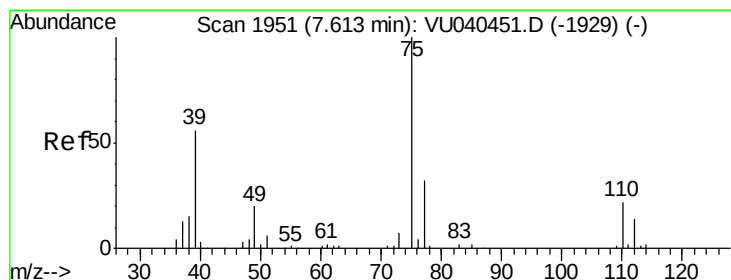
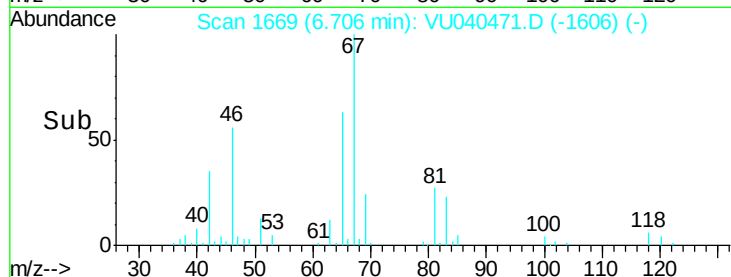
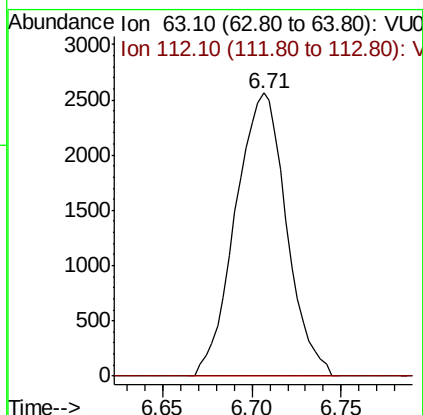
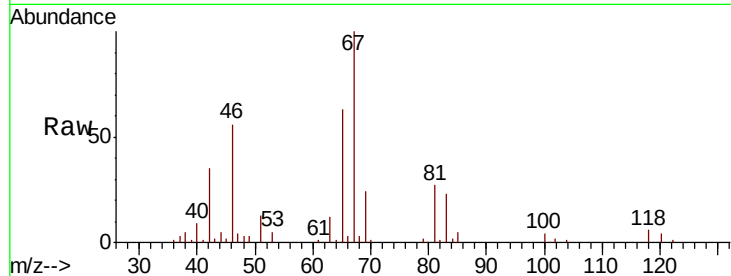




#37
 1,2-Dichloropropane
 Concen: 0.463 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU040471.D
 Acq: 02 Oct 2020 19:48

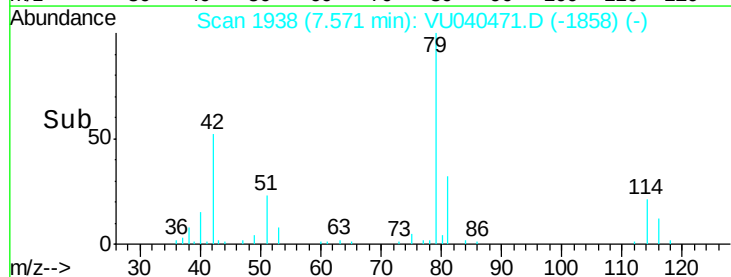
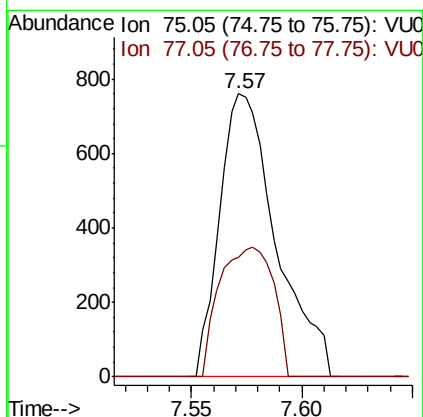
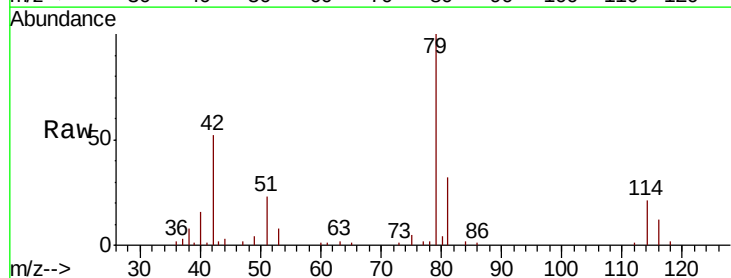
Instrument :
 MSVOA_U
 ClientSampleId :

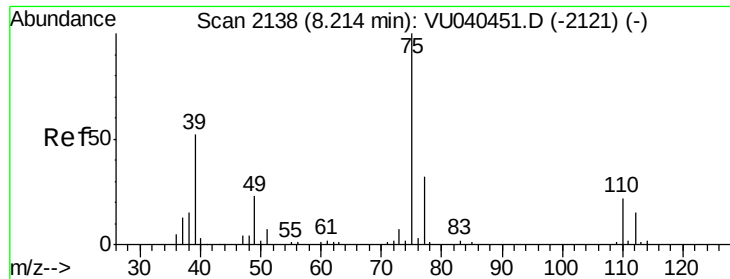
Tot Ion: 63 Resp: 5107
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040471.D
 Acq: 02 Oct 2020 19:48

Tgt Ion: 75 Resp: 1350
 Ion Ratio Lower Upper
 75 100
 77 42.4 23.5 43.7

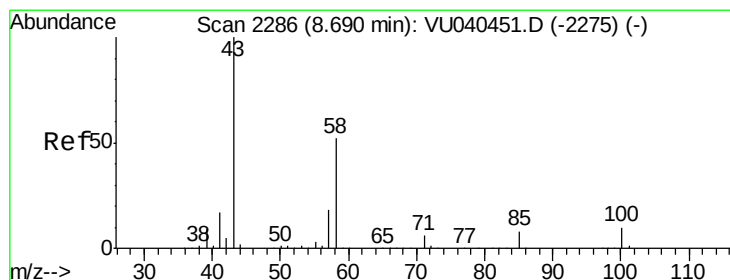
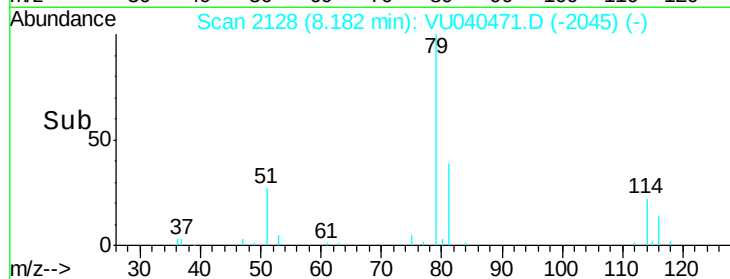
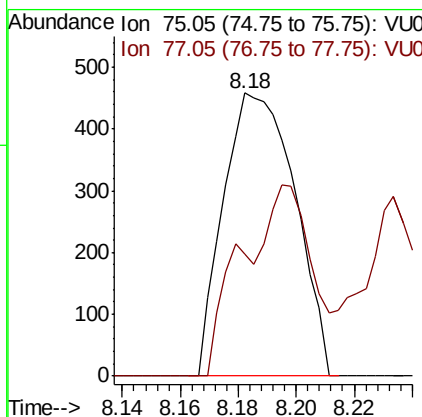
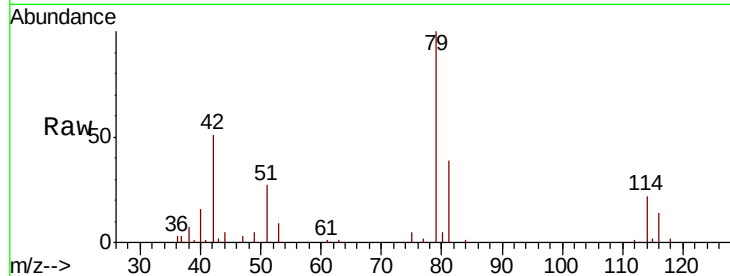




#44
trans-1,3-Dichloropropene
Concen: 0.057 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040471.D
Acq: 02 Oct 2020 19:48

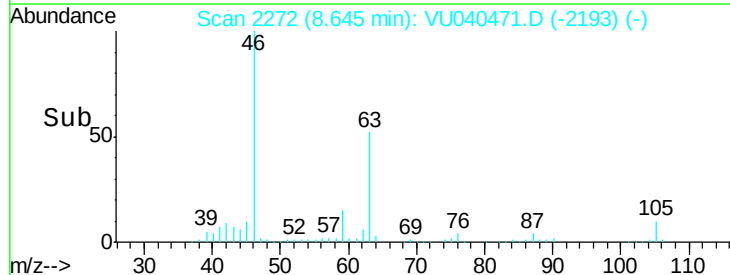
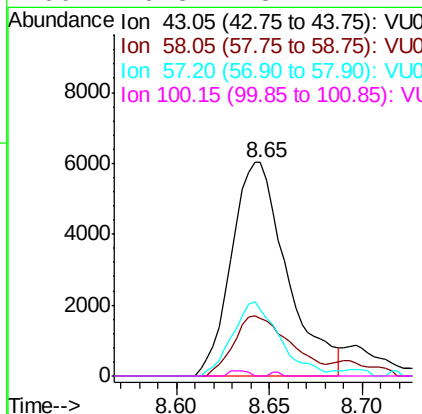
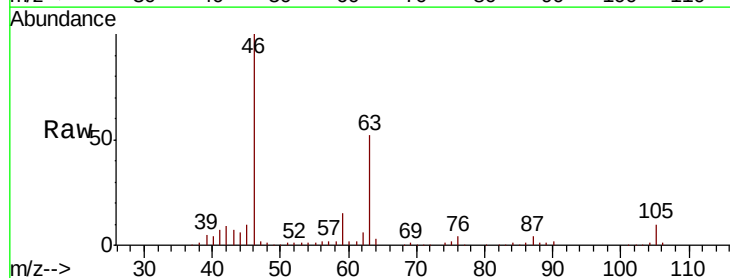
Instrument :
MSVOA_U
ClientSampleId :

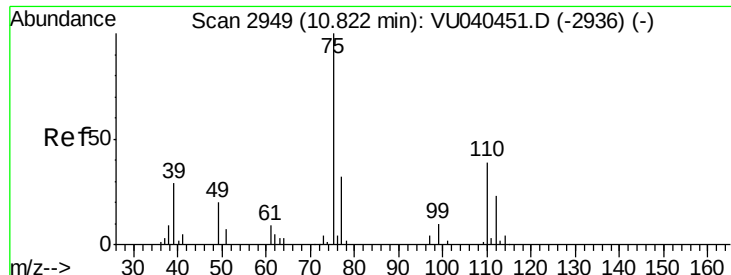
Tot Ion: 75 Resp: 784
Ion Ratio Lower Upper
75 100
77 43.2 22.3 41.3#



#48
2-Hexanone
Concen: 1.971 ug/L
RT: 8.65 min Scan# 2272
Delta R.T. -0.05 min
Lab File: VU040471.D
Acq: 02 Oct 2020 19:48

Tgt Ion: 43 Resp: 12555
Ion Ratio Lower Upper
43 100
58 28.7 41.0 61.4#
57 29.8 14.6 22.0#
100 0.3 8.2 12.4#





#59

1,2,3-Trichloropropane

Concen: 0.861 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040471.D

Acq: 02 Oct 2020 19:48

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6888

Ion Ratio Lower Upper

75 100

77 40.4 25.7 38.5#

