

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071620\
 Data File : VU039516.D
 Acq On : 16 Jul 2020 12:14
 Operator : SY/MD
 Sample : L3313-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C17

Quant Time: Jul 17 01:08:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 01:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	90076	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	87717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40001	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20853	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.92	69	25269	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.58	63	34151	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.65	46	94374	39.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.02%
24) Chloroform-d	5.09	84	48244	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.72	65	31424	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.75	84	95729	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	32090	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.91	98	82985	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	12451	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.64	63	67569	34.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.54%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27789	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	31650	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

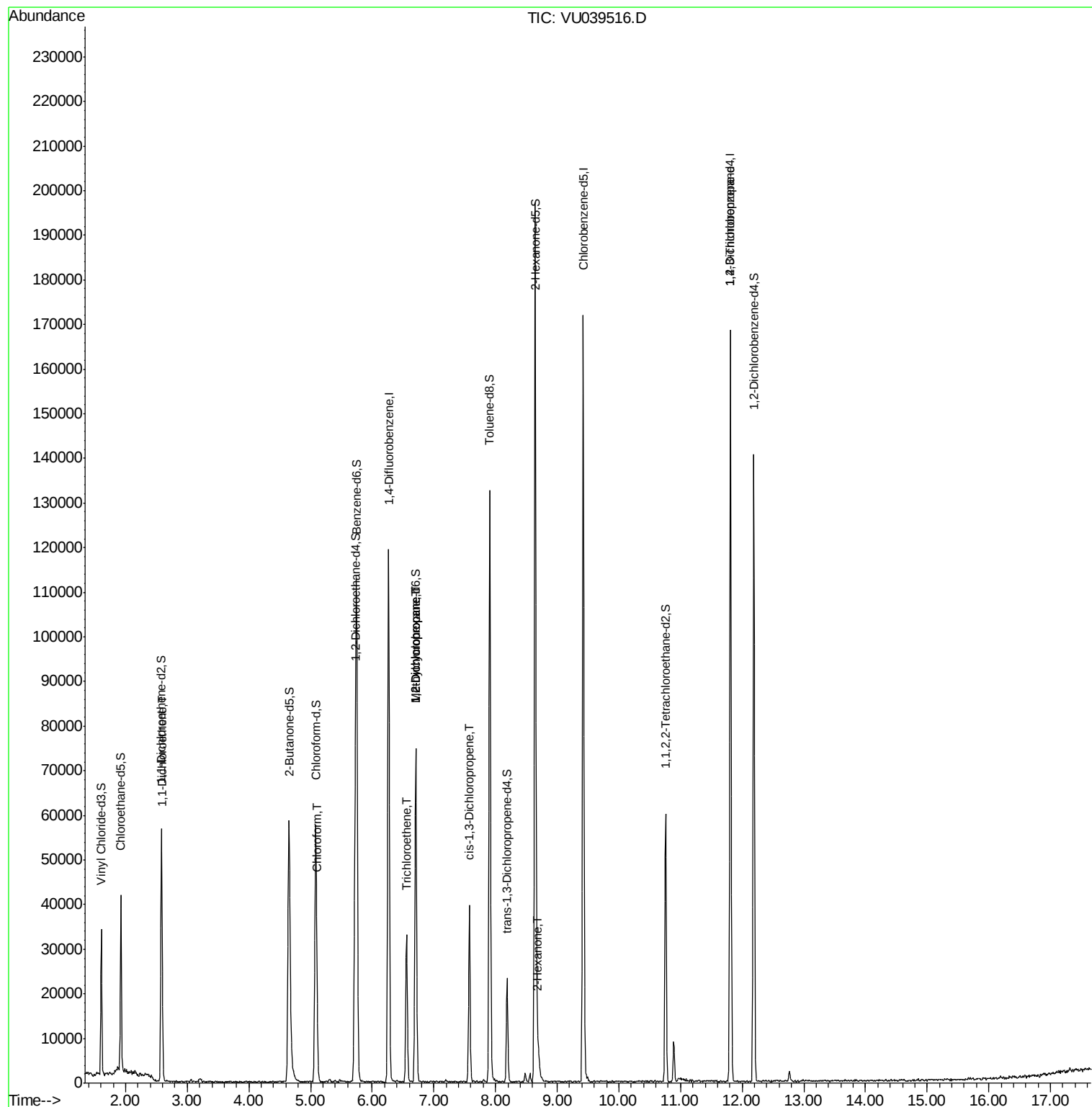
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1134	0.212 ug/L #	1
25) Chloroform	5.11	83	3545	0.303 ug/L	77
34) Trichloroethene	6.56	95	10299	1.519 ug/L	94
35) Methylcyclohexane	6.71	83	7155	0.659 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	3941	0.551 ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1131	0.105 ug/L #	75
48) 2-Hexanone	8.69	43	4002	0.910 ug/L #	92
59) 1,2,3-Trichloropropane	11.81	75	6367	1.208 ug/L #	87

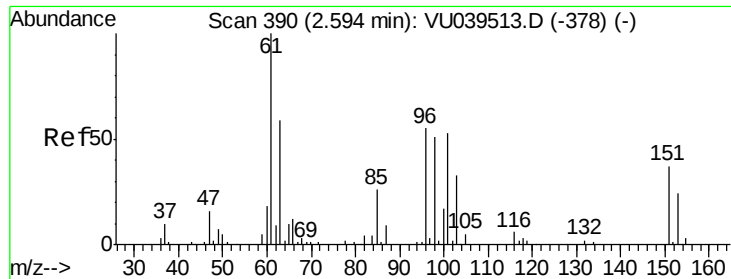
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.212 ug/L

RT: 2.60 min Scan# 391

Delta R.T. 0.00 min

Lab File: VU039516.D

Acq: 16 Jul 2020 12:14

Instrument :

MSVOA_U

ClientSampled :

F4C17

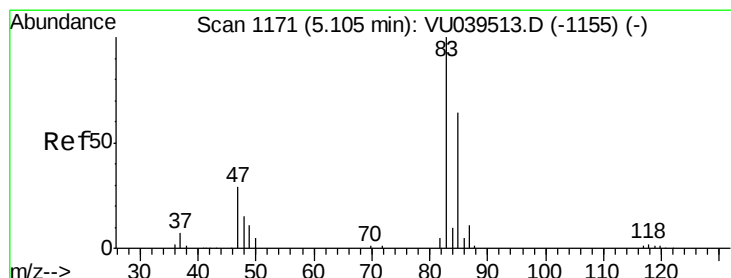
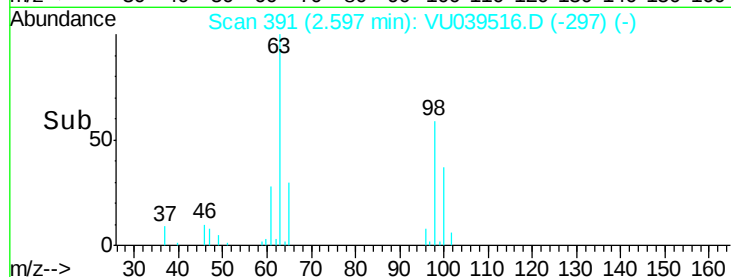
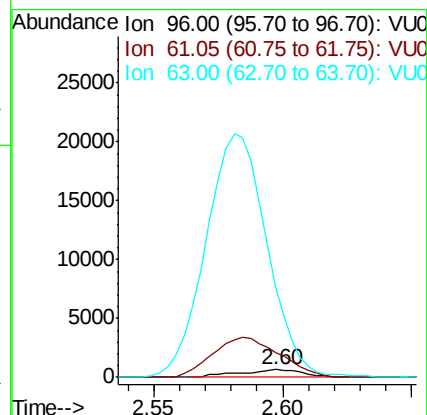
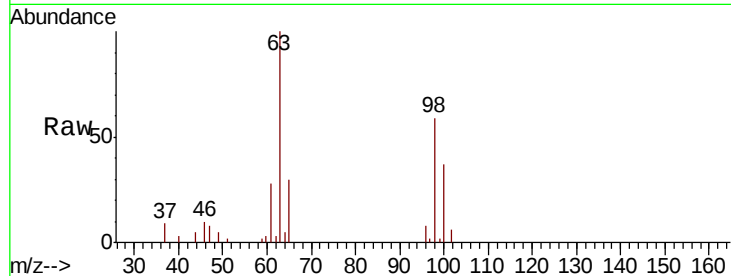
Tot Ion: 96 Resp: 1134

Ion Ratio Lower Upper

96 100

61 332.8 125.4 232.8#

63 1184.2 92.7 172.3#



#25

Chloroform

Concen: 0.303 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039516.D

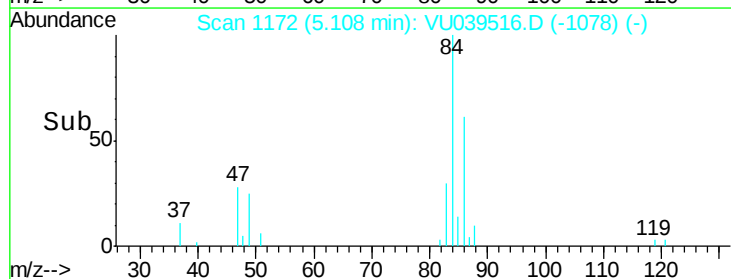
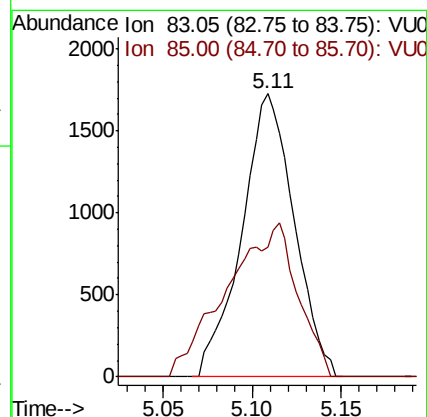
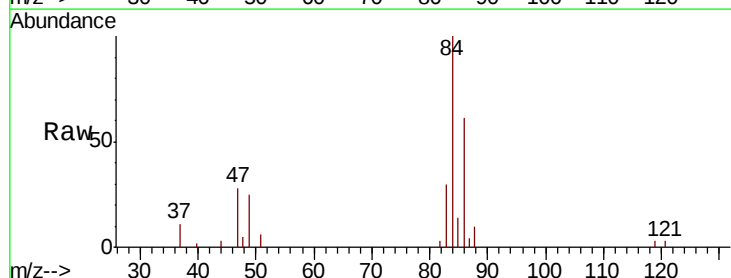
Acq: 16 Jul 2020 12:14

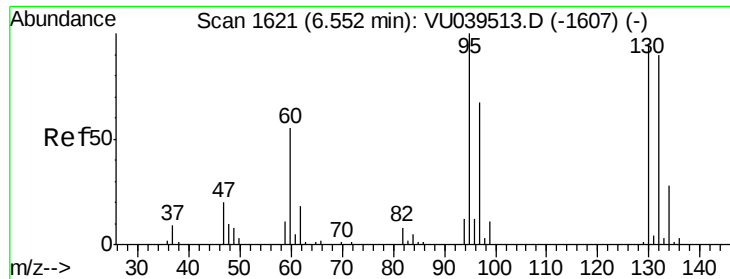
Tgt Ion: 83 Resp: 3545

Ion Ratio Lower Upper

83 100

85 45.9 44.9 83.5





#34

Trichloroethene

Concen: 1.519 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU039516.D

Acq: 16 Jul 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

F4C17

Tot Ion: 95 Resp: 10299

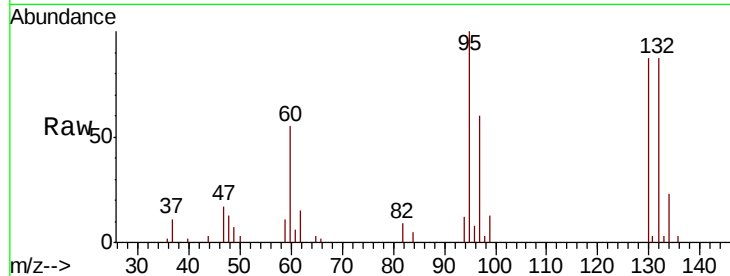
Ion Ratio Lower Upper

95 100

97 60.0 46.3 85.9

132 86.9 64.0 118.8

130 86.8 64.3 119.5

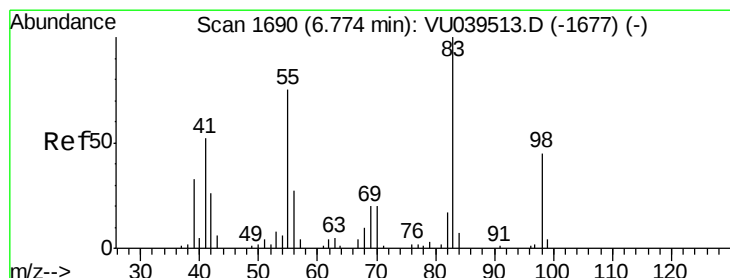
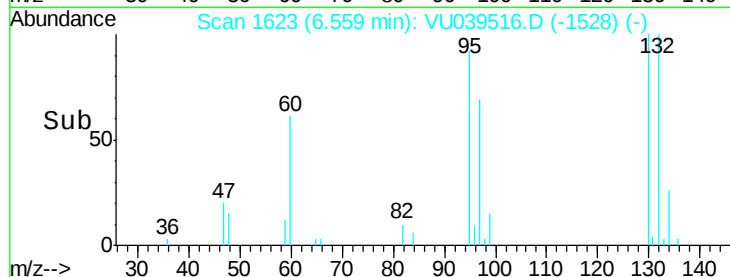
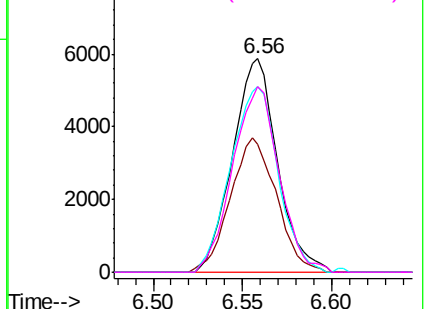


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU039516.D

Acq: 16 Jul 2020 12:14

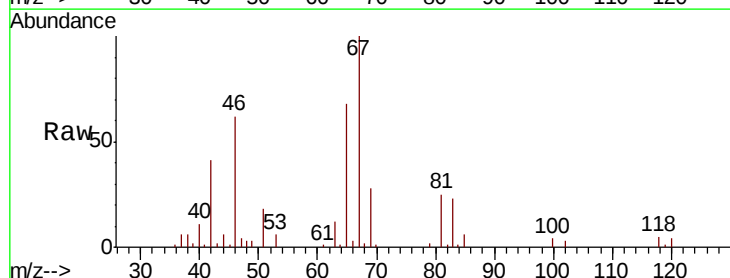
Tgt Ion: 83 Resp: 7155

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

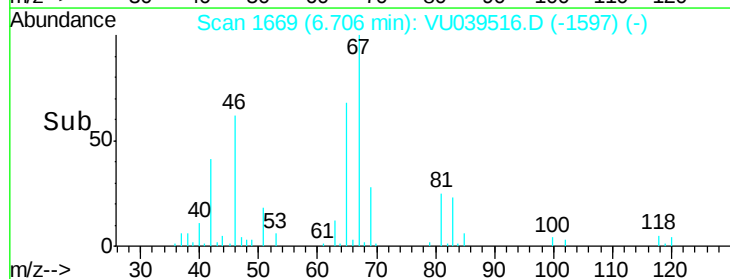
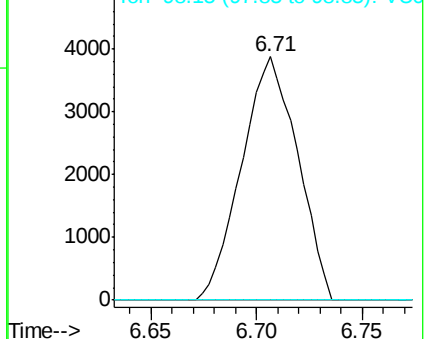
98 0.0 35.9 53.9#

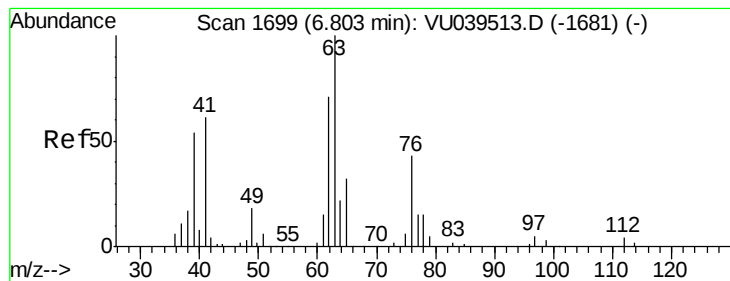


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU039516.D

Acq: 16 Jul 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

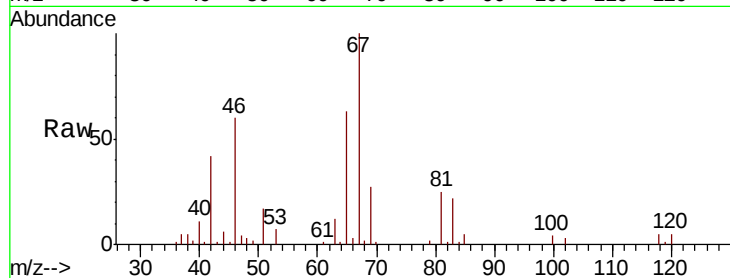
F4C17

Tot Ion: 63 Resp: 3941

Ion Ratio Lower Upper

63 100

112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU039516.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU039516.D (-1668) (-)

6.70

2000

1500

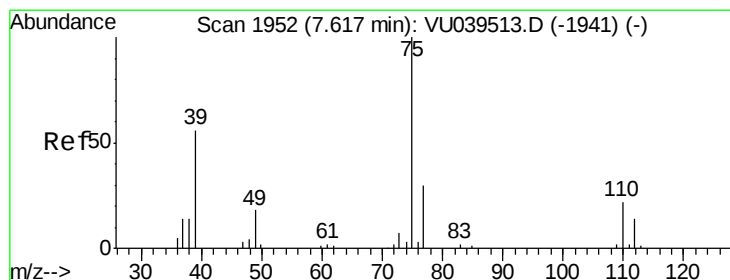
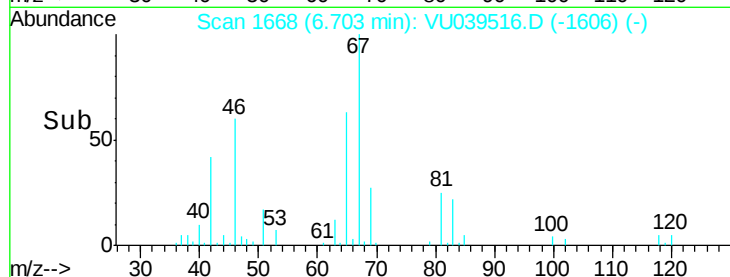
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU039516.D

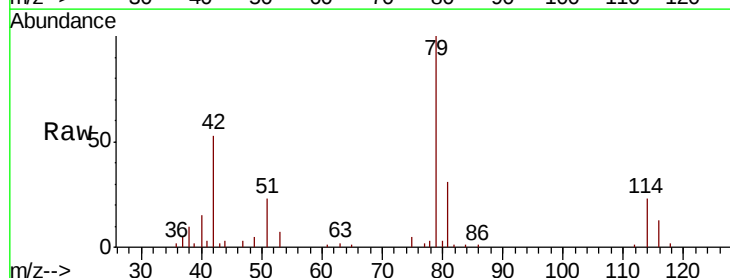
Acq: 16 Jul 2020 12:14

Tgt Ion: 75 Resp: 1131

Ion Ratio Lower Upper

75 100

77 45.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039516.D (-1859) (-)

Ion 77.05 (76.75 to 77.75): VU039516.D (-1859) (-)

7.57

600

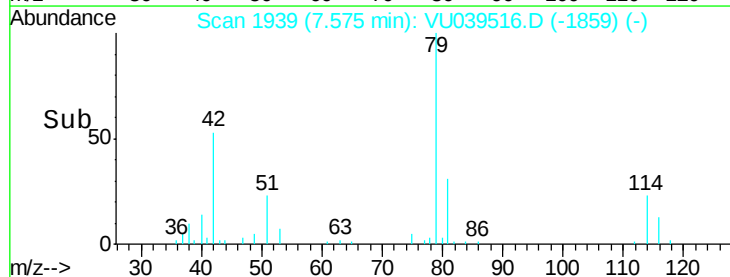
400

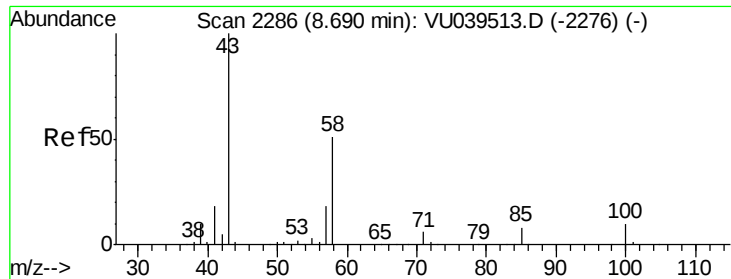
200

0

7.54 7.56 7.58 7.60

Time-->

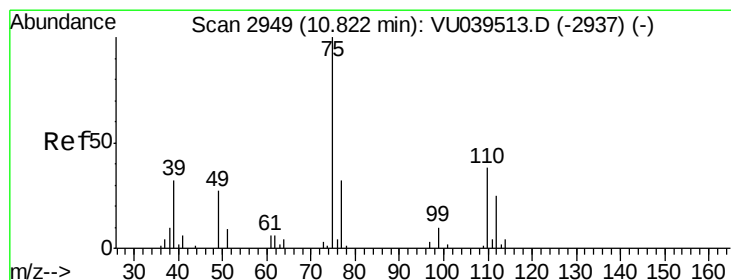
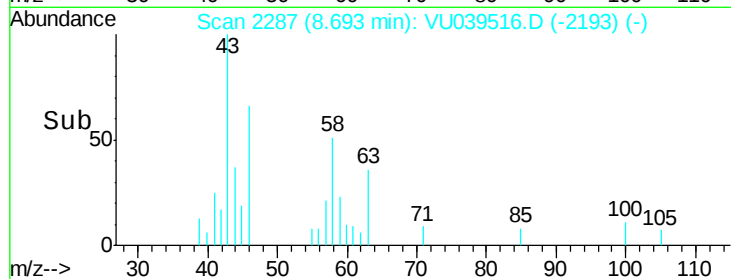
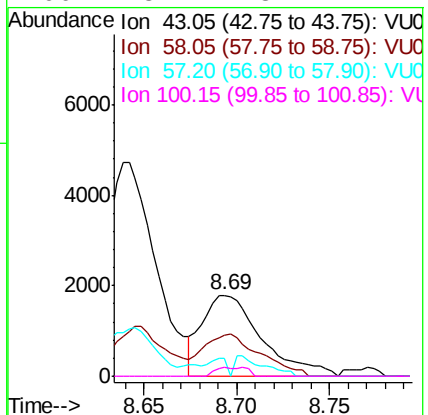
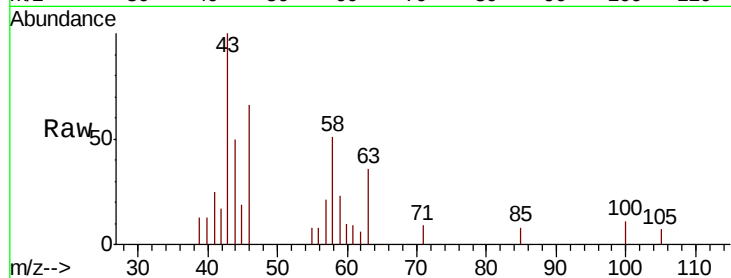




#48
2-Hexanone
Concen: 0.910 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039516.D
Acq: 16 Jul 2020 12:14

Instrument :
MSVOA_U
ClientSampled :
F4C17

Tot Ion: 43 Resp: 4002
Ion Ratio Lower Upper
43 100
58 49.4 42.0 63.0
57 10.2 14.0 21.0#
100 5.7 8.2 12.2#



#59
1,2,3-Trichloropropane
Concen: 1.208 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039516.D
Acq: 16 Jul 2020 12:14

Tgt Ion: 75 Resp: 6367
Ion Ratio Lower Upper
75 100
77 40.7 26.8 40.2#

