

Data File : VU041317.D
Acq On : 18 Nov 2020 17:23
Operator : SY/MD
Sample : VU1118WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK25

Quant Time: Nov 19 00:51:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63952	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65882	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21985	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.92	69	19623	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.58	63	38403	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.66	46	91571	47.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.42%
24) Chloroform-d	5.08	84	53468	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.72	65	33407	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	93271	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.70	67	32848	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.91	98	75821	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	11930	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	63223	44.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.86%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27925	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	27659	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

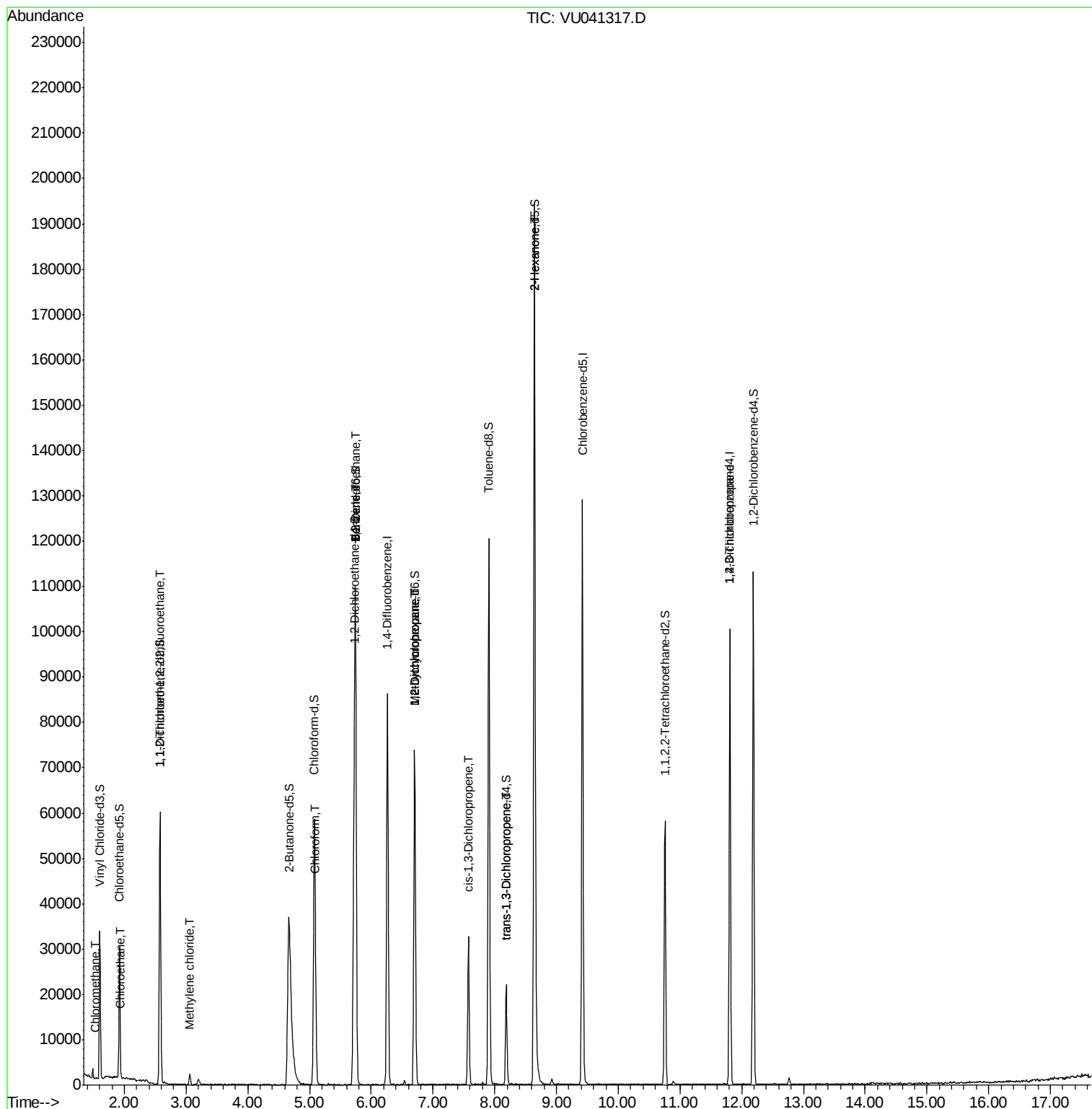
						Qvalue
3) Chloromethane	1.53	50	261	0.046	ug/L #	78
8) Chloroethane	1.95	64	128	0.035	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	346	0.073	ug/L #	22
16) Methylene chloride	3.06	84	782	0.150	ug/L	86
25) Chloroform	5.11	83	812	0.083	ug/L	96
27) 1,2-Dichloroethane	5.74	62	492	0.070	ug/L #	74
33) Benzene	5.74	78	706	0.040	ug/L	100
35) Methylcyclohexane	6.71	83	7556	1.179	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	3940	0.755	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	705	0.097	ug/L #	41
44) trans-1,3-Dichloropropene	8.19	75	540	0.078	ug/L	83
48) 2-Hexanone	8.64	43	9162	2.842	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	3385	0.822	ug/L	91

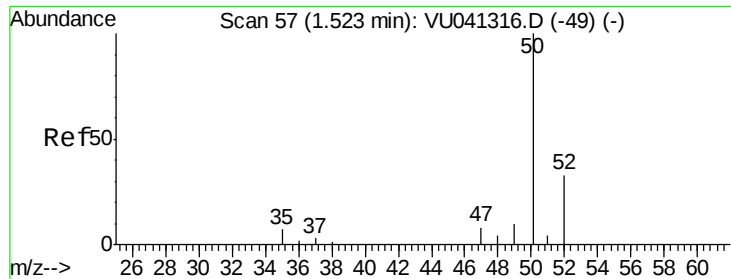
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.046 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041317.D

Acq: 18 Nov 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

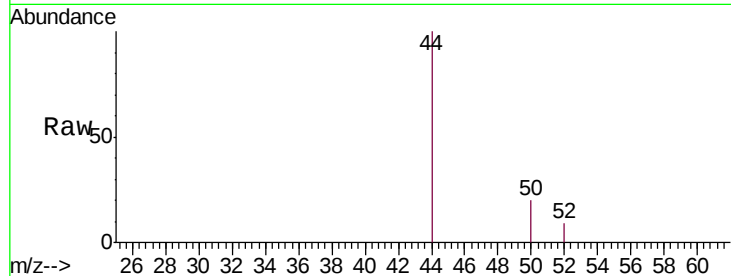
VBLK25

Tgt Ion: 50 Resp: 261

Ion Ratio Lower Upper

50 100

52 44.3 22.4 41.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

250

200

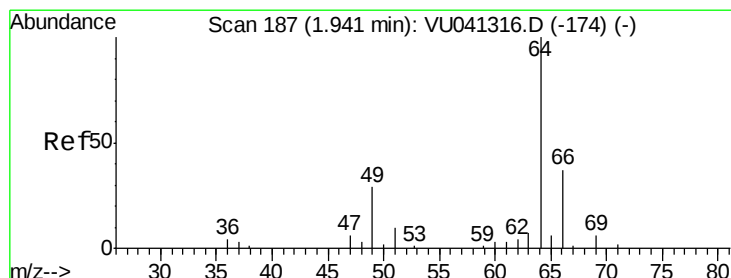
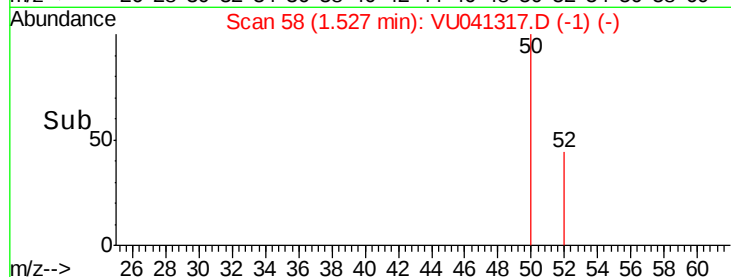
150

100

50

0

Time-->



#8

Chloroethane

Concen: 0.035 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.01 min

Lab File: VU041317.D

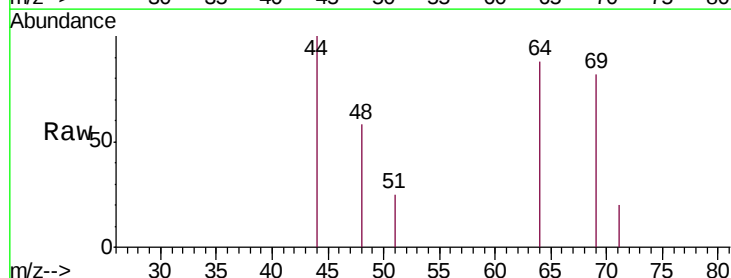
Acq: 18 Nov 2020 17:23

Tgt Ion: 64 Resp: 128

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.95

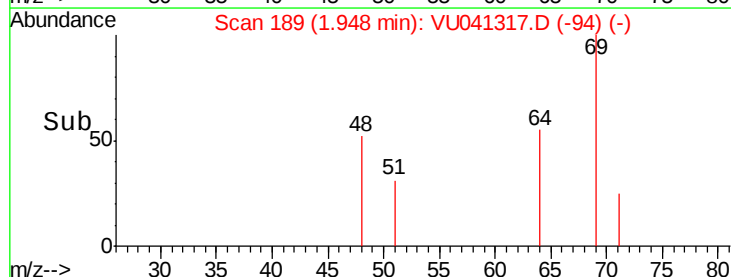
600

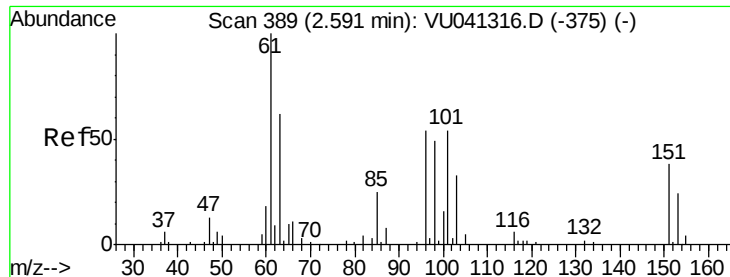
400

200

0

Time-->





#10

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

Concen: 0.073 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041317.D

Acq: 18 Nov 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK25

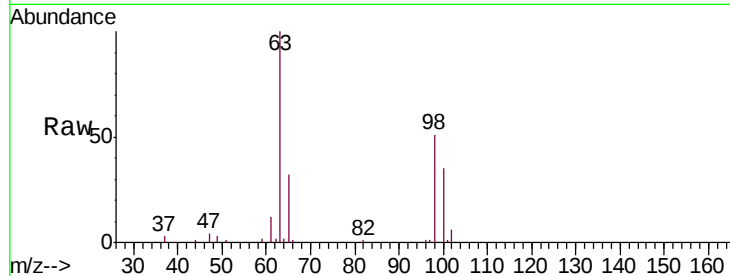
Tgt Ion: 101 Resp: 346

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

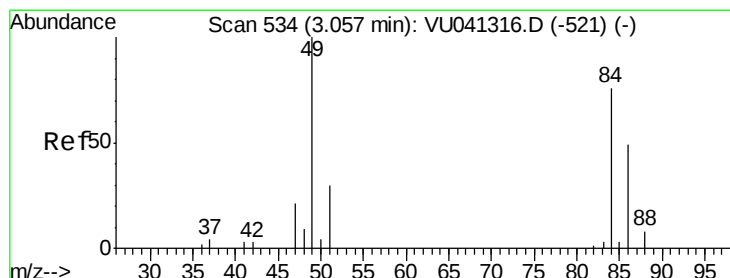
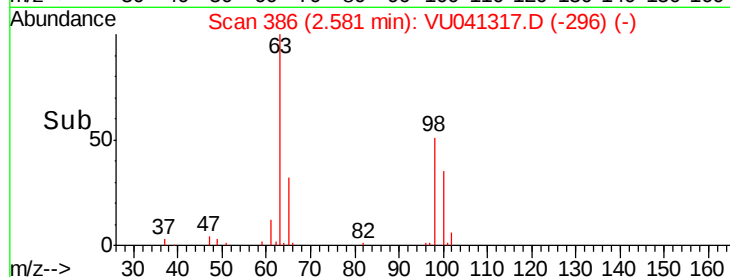
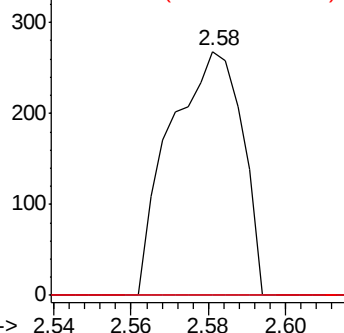
151 0.0 55.3 82.9#



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



#16

Methylene chloride

Concen: 0.150 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041317.D

Acq: 18 Nov 2020 17:23

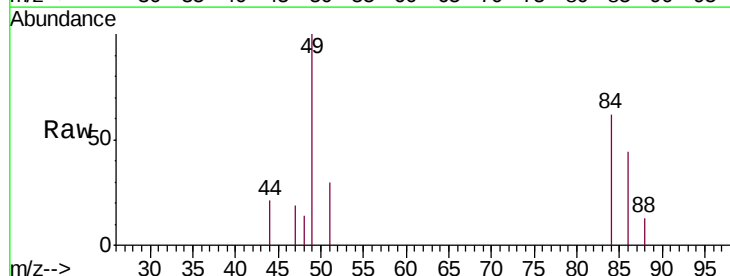
Tgt Ion: 84 Resp: 782

Ion Ratio Lower Upper

84 100

86 70.1 42.8 79.6

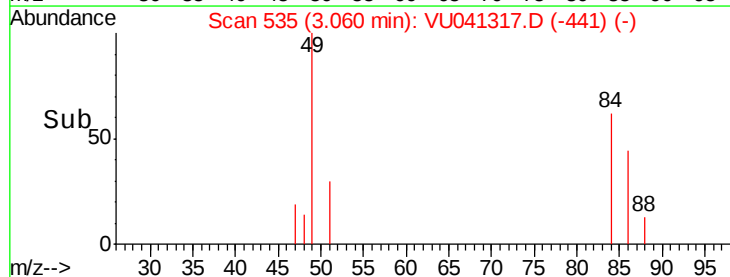
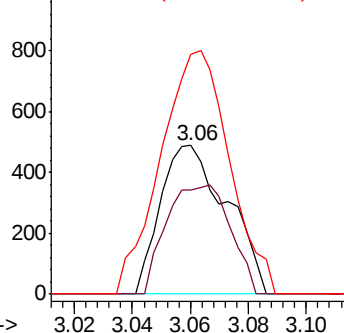
49 160.9 99.5 184.7

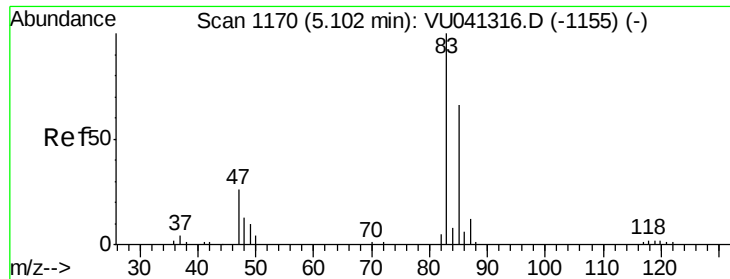


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

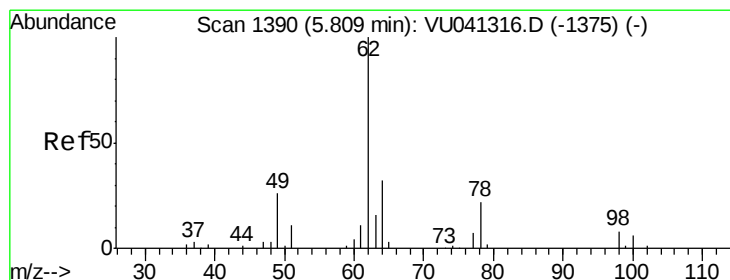
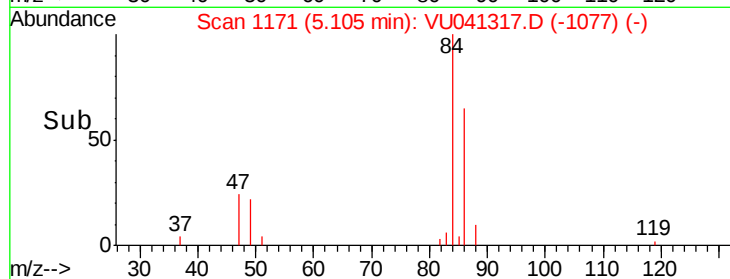
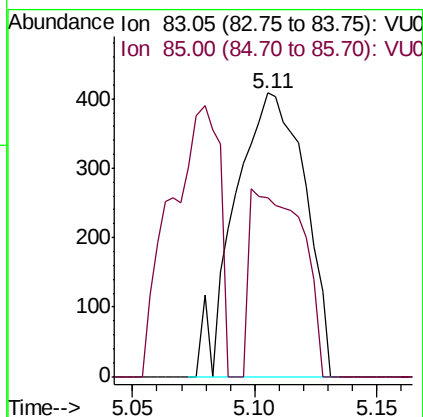
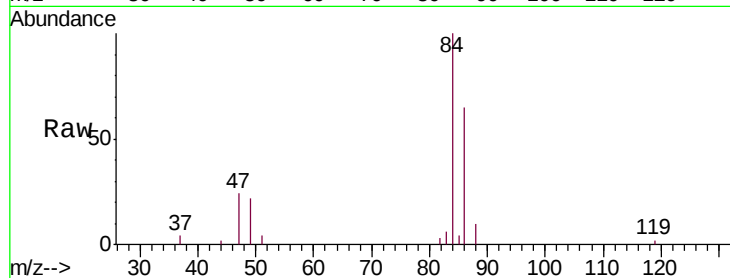




#25
Chloroform
Concen: 0.083 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041317.D
Acq: 18 Nov 2020 17:23

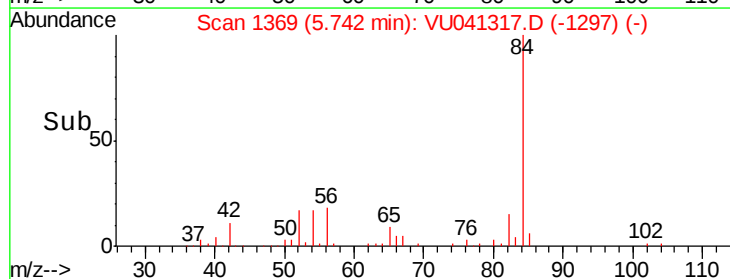
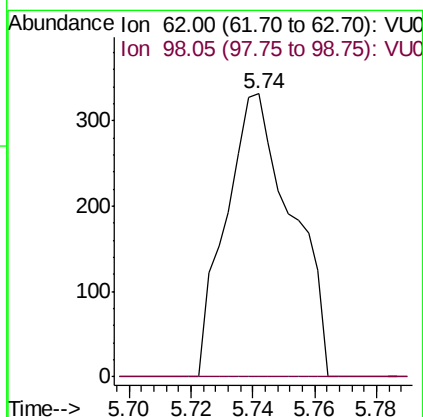
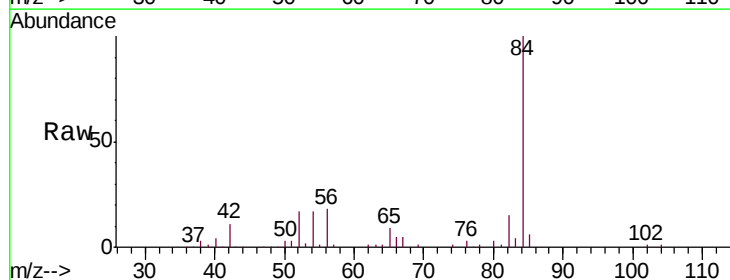
Instrument :
MSVOA_U
ClientSampleId :
VBLK25

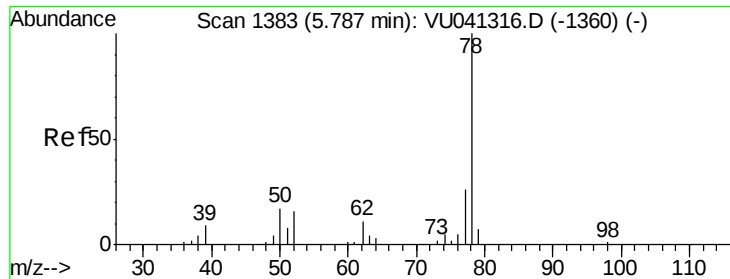
Tgt Ion: 83 Resp: 812
Ion Ratio Lower Upper
83 100
85 63.0 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.070 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU041317.D
Acq: 18 Nov 2020 17:23

Tgt Ion: 62 Resp: 492
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#33

Benzene

Concen: 0.040 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VU041317.D

Acq: 18 Nov 2020 17:23

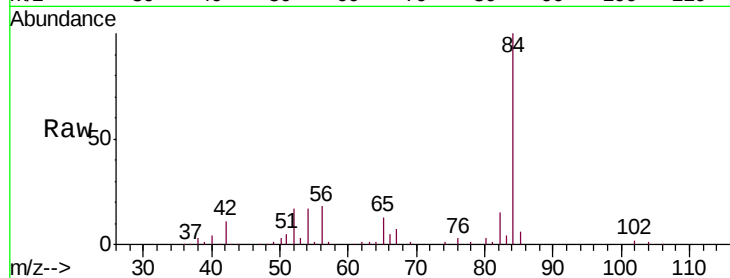
Instrument :

MSVOA_U

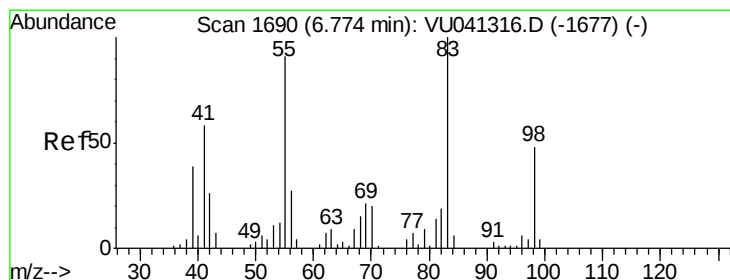
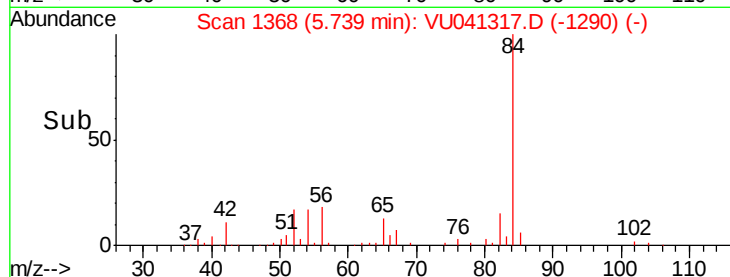
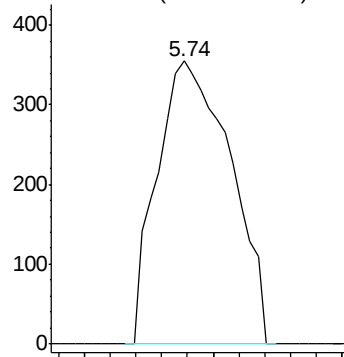
ClientSampled :

VBLK25

Tgt Ion: 78 Resp: 706



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 1.179 ug/L

RT: 6.71 min Scan# 1669

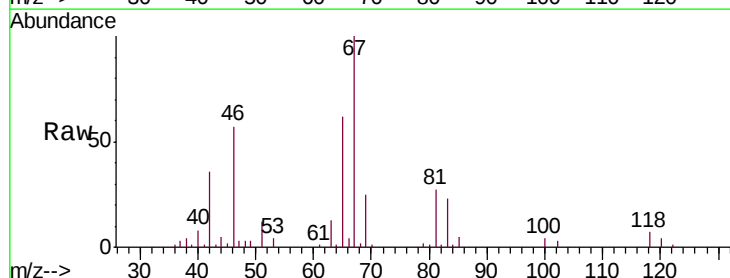
Delta R.T. -0.07 min

Lab File: VU041317.D

Acq: 18 Nov 2020 17:23

Tgt Ion: 83 Resp: 7556

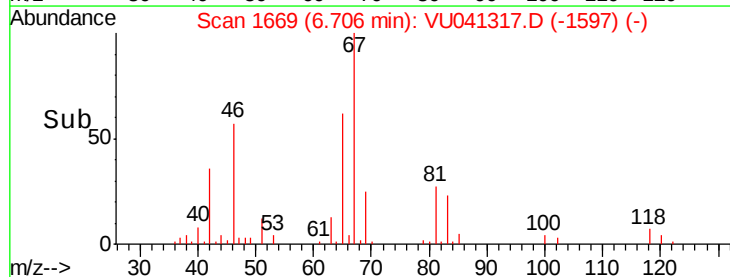
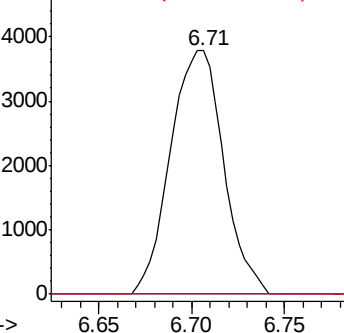
Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	3.0	36.6	55.0#

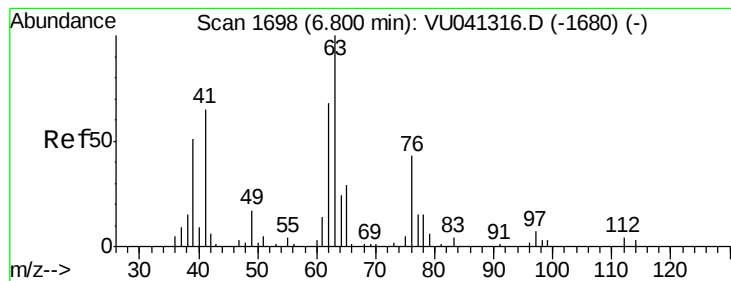


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.755 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041317.D

Acq: 18 Nov 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

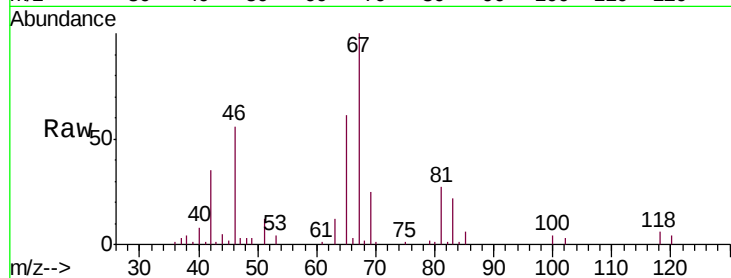
VBLK25

Tgt Ion: 63 Resp: 3940

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU041316.D (-1680) (-)

Ion 112.10 (111.80 to 112.80): VU041316.D (-1680) (-)

2500

2000

1500

1000

500

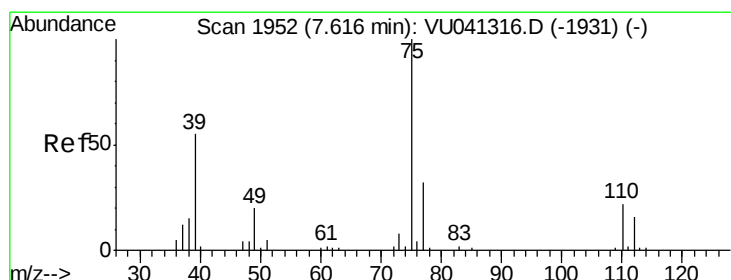
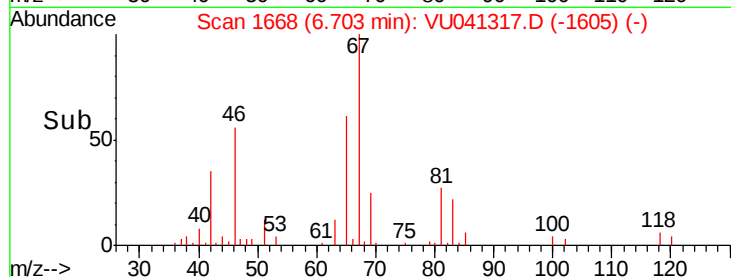
0

6.65

6.70

6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041317.D

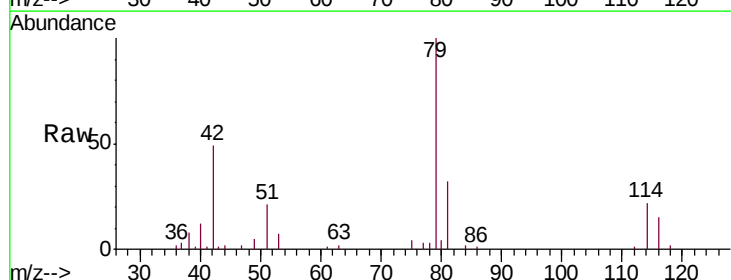
Acq: 18 Nov 2020 17:23

Tgt Ion: 75 Resp: 705

Ion Ratio Lower Upper

75 100

77 65.8 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU041316.D (-1931) (-)

Ion 77.05 (76.75 to 77.75): VU041316.D (-1931) (-)

500

400

300

200

100

0

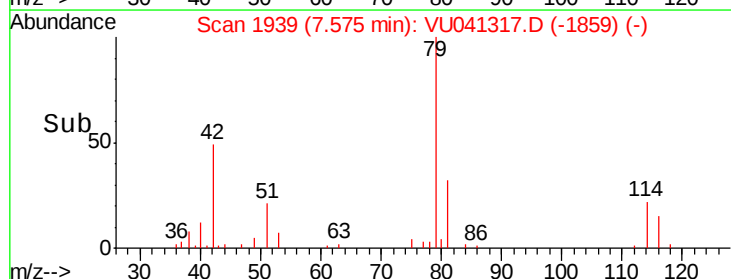
7.54

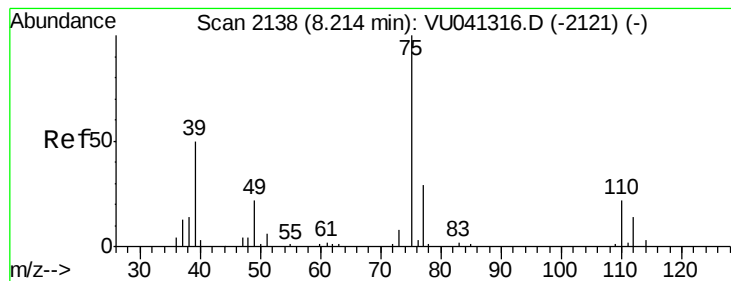
7.56

7.58

7.60

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041317.D

Acq: 18 Nov 2020 17:23

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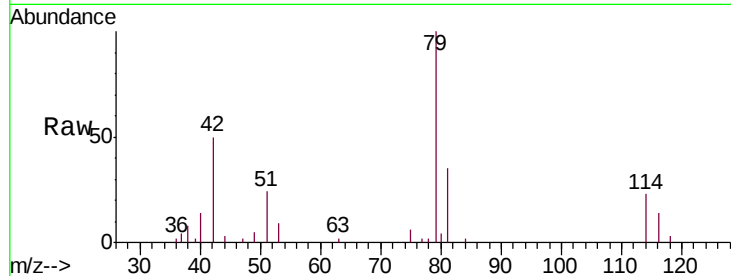
VBLK25

Tgt Ion: 75 Resp: 540

Ion Ratio Lower Upper

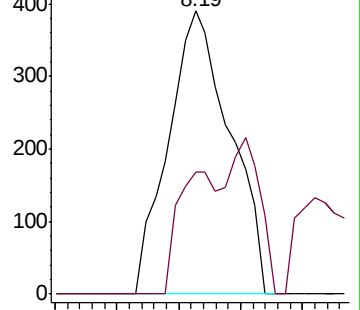
75 100

77 43.1 23.3 43.3

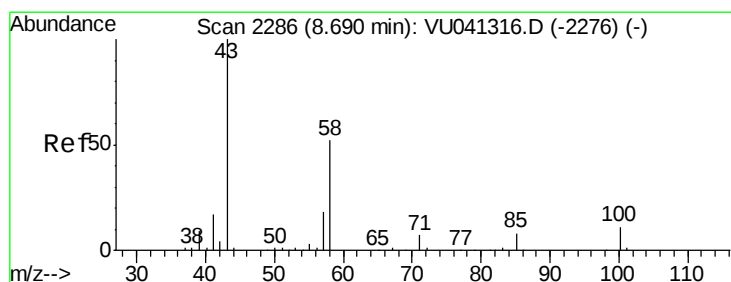
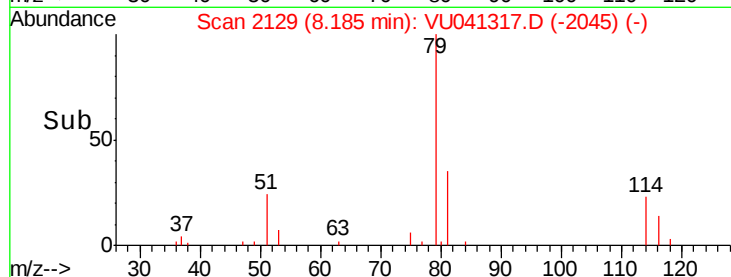


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time--> 8.14 8.16 8.18 8.20 8.22



#48

2-Hexanone

Concen: 2.842 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU041317.D

Acq: 18 Nov 2020 17:23

Tgt Ion: 43 Resp: 9162

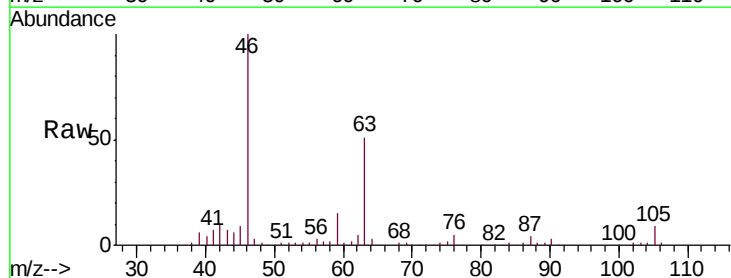
Ion Ratio Lower Upper

43 100

58 33.2 41.4 62.2#

57 35.8 14.6 21.8#

100 1.4 8.3 12.5#

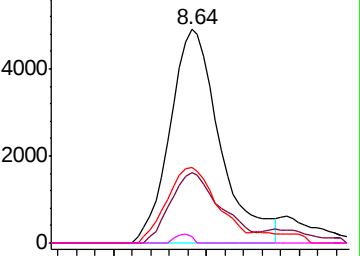


Abundance Ion 43.05 (42.75 to 43.75): VU0

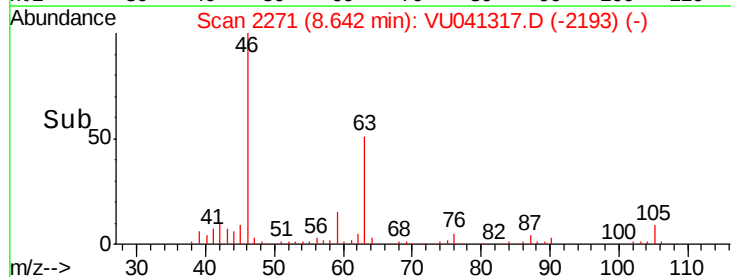
Ion 58.05 (57.75 to 58.75): VU0

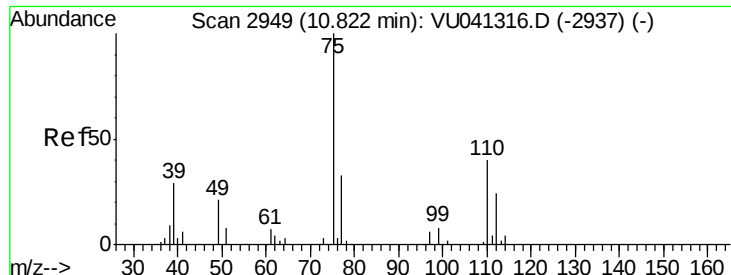
Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



Time--> 8.60 8.65 8.70





#59

1,2,3-Trichloropropane

Concen: 0.822 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041317.D

Acq: 18 Nov 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK25

Tgt Ion: 75 Resp: 3385

Ion Ratio Lower Upper

75 100

77 37.1 25.7 38.5

