

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041270.D
 Acq On : 17 Nov 2020 10:53
 Operator : SY/MD
 Sample : VU1117WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK23

Quant Time: Nov 17 22:34:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 17 22:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70810	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24121	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.92	69	20793	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	38894	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.66	46	102041	47.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.02%
24) Chloroform-d	5.08	84	55388	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	35335	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.74	84	101173	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.70	67	35007	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.91	98	86088	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.19	79	13540	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.64	63	73823	46.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30425	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	32991	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

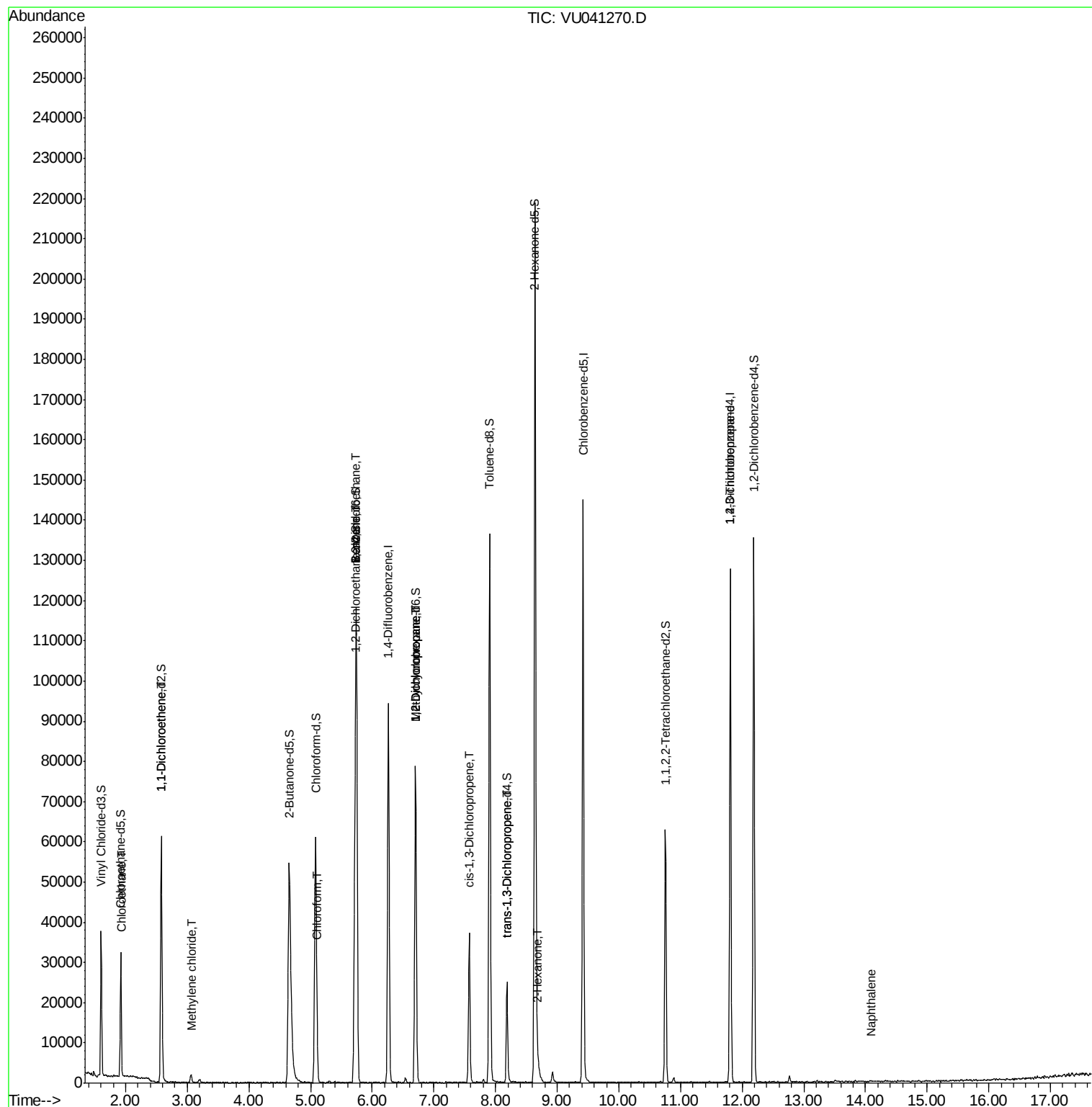
					Ovalue
8) Chloroethane	1.94	64	140	0.034 ug/L #	43
12) 1,1-Dichloroethene	2.58	96	280	0.061 ug/L #	1
16) Methylene chloride	3.06	84	954	0.165 ug/L	96
25) Chloroform	5.11	83	1360	0.125 ug/L	88
27) 1,2-Dichloroethane	5.74	62	505	0.065 ug/L #	74
33) Benzene	5.75	78	728	0.036 ug/L	100
35) Methylcyclohexane	6.70	83	8072	1.123 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	4173	0.713 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	951	0.117 ug/L #	76
44) trans-1,3-Dichloropropene	8.19	75	606	0.078 ug/L #	33
48) 2-Hexanone	8.69	43	2189	0.605 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	4263	0.924 ug/L #	87
69) Naphthalene	14.09	128	444	0.048 ug/L #	69

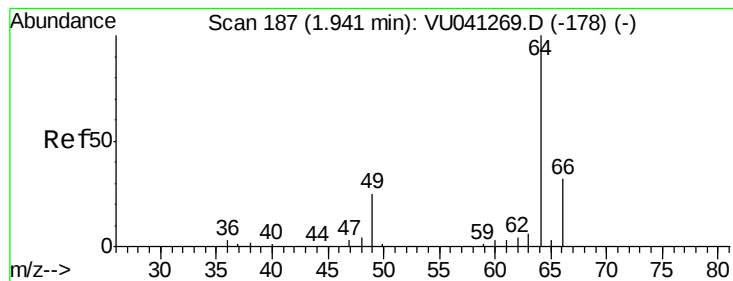
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 17 22:32:58 2020
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#8

Chloroethane

Concen: 0.034 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU041270.D

Acq: 17 Nov 2020 10:53

Instrument :

MSVOA_U

ClientSampleId :

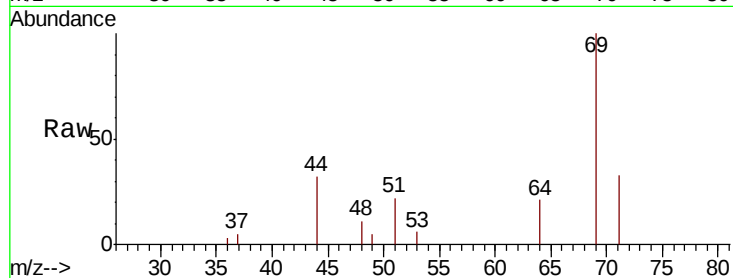
VBLK23

Tot Ion: 64 Resp: 140

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

1.94

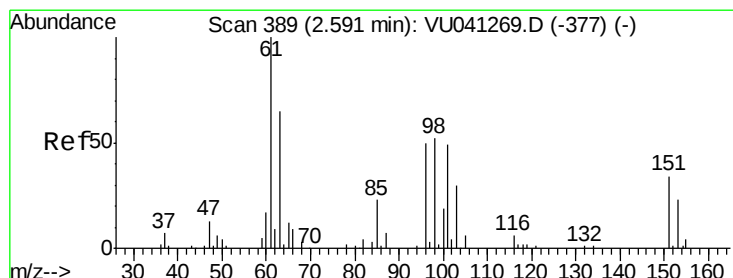
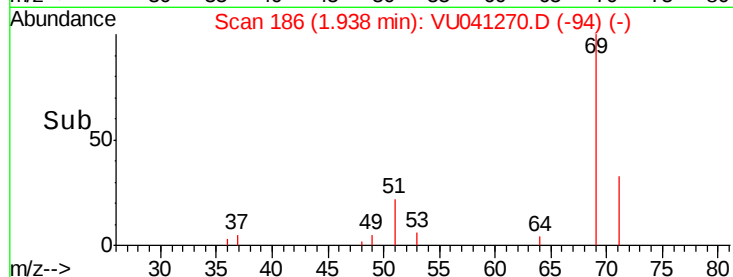
600

400

200

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU041270.D

Acq: 17 Nov 2020 10:53

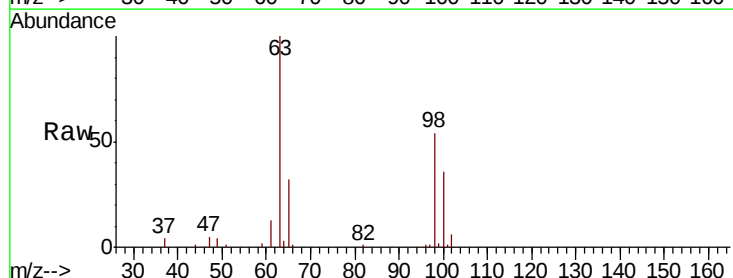
Tgt Ion: 96 Resp: 280

Ion Ratio Lower Upper

96 100

61 1357.1 134.3 249.5#

63 10206.9 95.0 176.4#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

30000

25000

20000

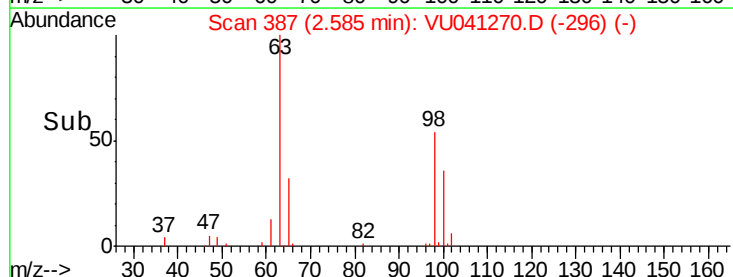
15000

10000

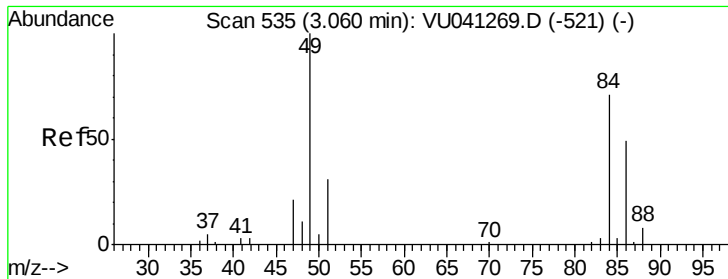
5000

0

Time-->



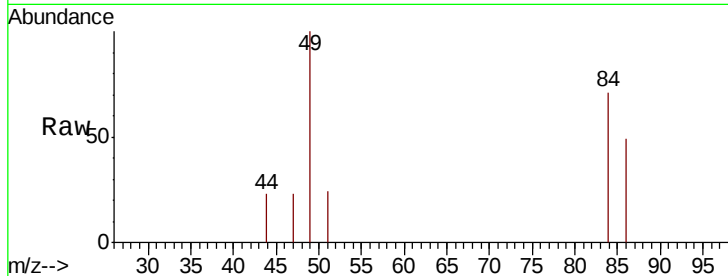
2.58



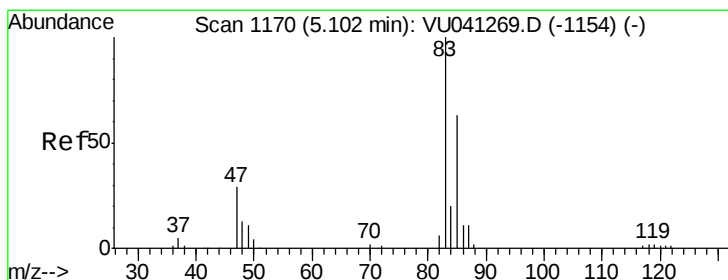
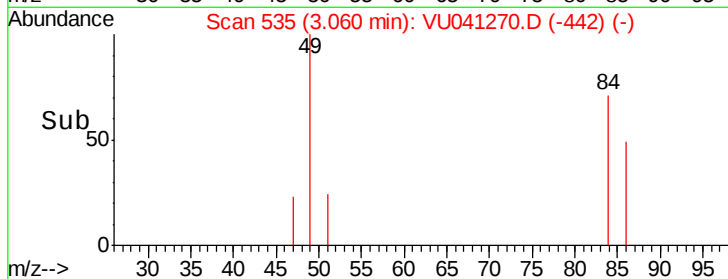
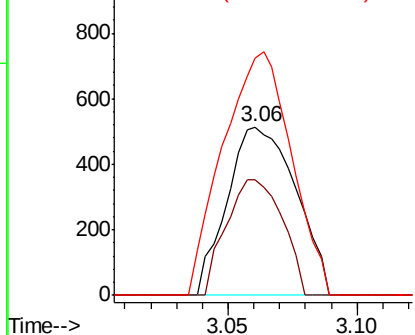
#16
Methvlene chloride
Concen: 0.165 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041270.D
Acq: 17 Nov 2020 10:53

Instrument :
MSVOA_U
ClientSampled :
VBLK23

Tot Ion: 84 Resp: 954
Ion Ratio Lower Upper
84 100
86 68.4 42.8 79.6
49 140.9 99.5 184.7

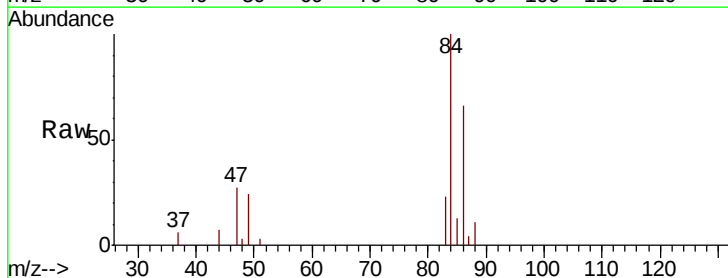


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

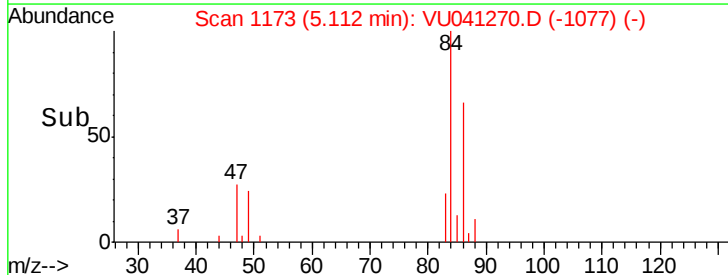
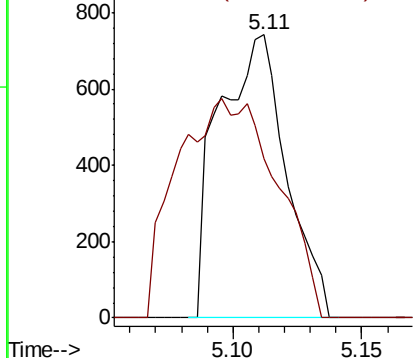


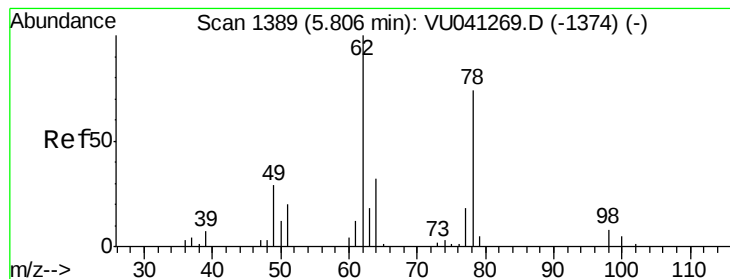
#25
Chloroform
Concen: 0.125 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU041270.D
Acq: 17 Nov 2020 10:53

Tgt Ion: 83 Resp: 1360
Ion Ratio Lower Upper
83 100
85 56.2 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 0.065 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU041270.D

Acq: 17 Nov 2020 10:53

Instrument :

MSVOA_U

ClientSampleId :

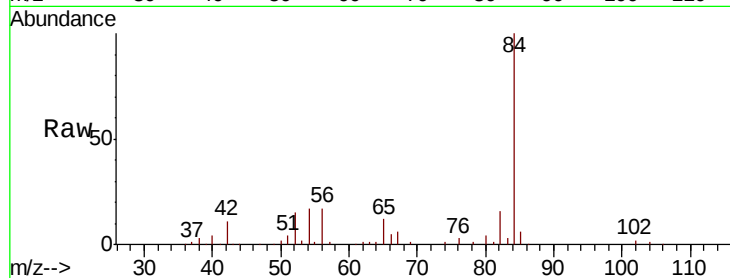
VBLK23

Tot Ion: 62 Resp: 505

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU041269.D (-1374) (-)

Ion 98.05 (97.75 to 98.75): VU041269.D (-1374) (-)

5.74

300

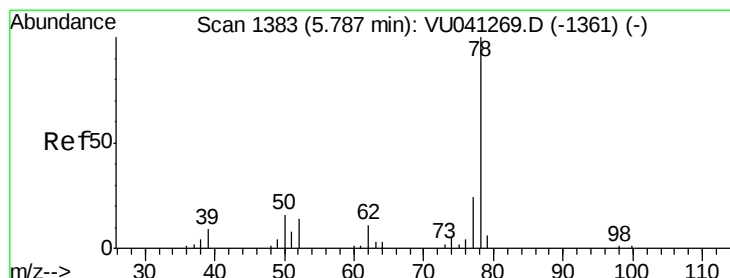
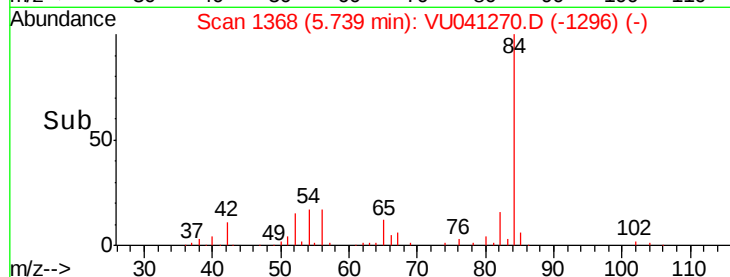
200

100

0

5.70 5.72 5.74 5.76 5.78

Time-->



#33

Benzene

Concen: 0.036 ug/L

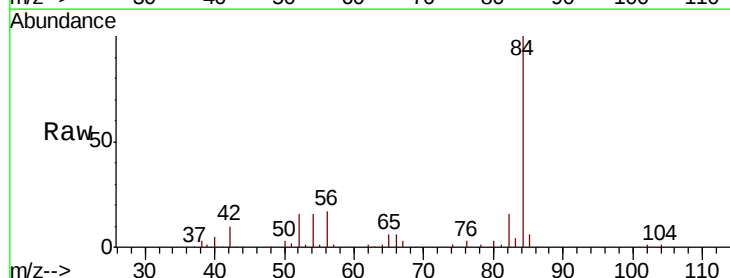
RT: 5.75 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU041270.D

Acq: 17 Nov 2020 10:53

Tgt Ion: 78 Resp: 728



Abundance Ion 78.10 (77.80 to 78.80): VU041269.D (-1361) (-)

5.75

600

500

400

300

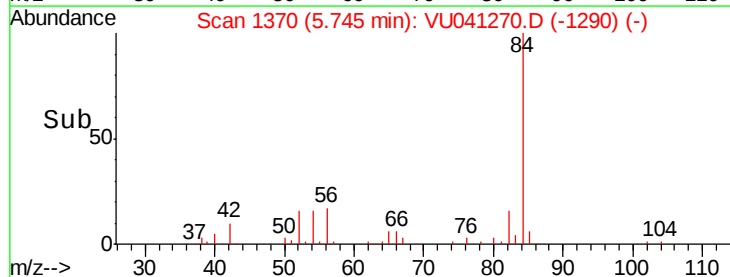
200

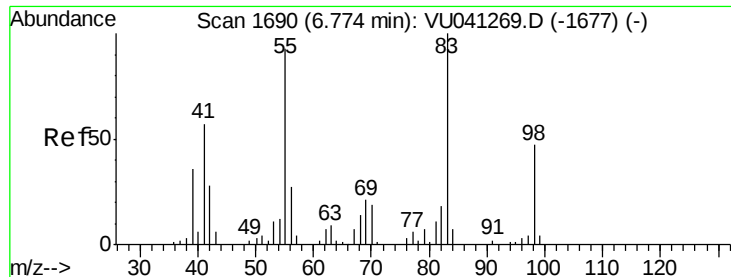
100

0

5.70 5.75 5.80

Time-->

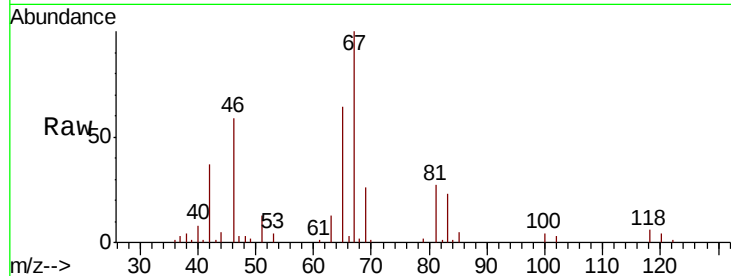




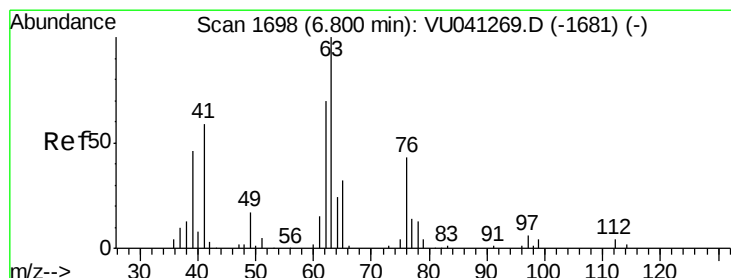
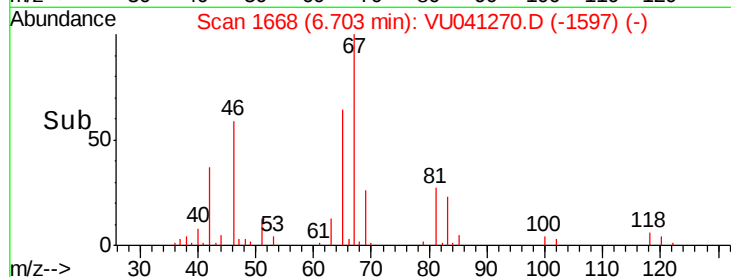
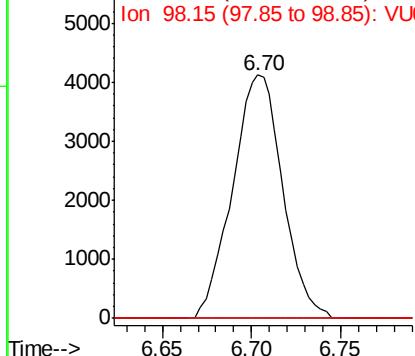
#35
Methvlcvclohexane
Concen: 1.123 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041270.D
Acq: 17 Nov 2020 10:53

Instrument :
MSVOA_U
ClientSampleId :
VBLK23

Tot Ion: 83 Resp: 8072
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 2.9 36.6 55.0#

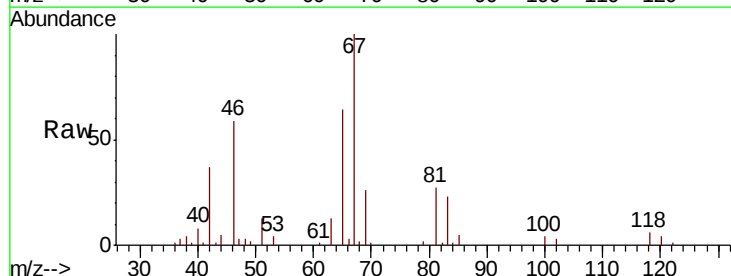


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

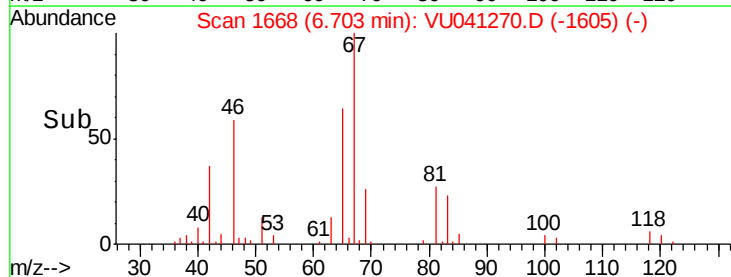
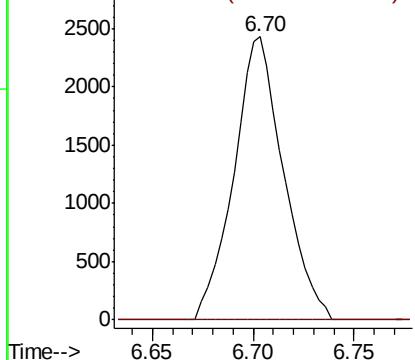


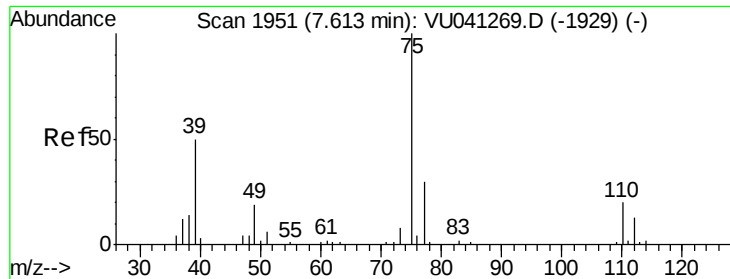
#37
1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041270.D
Acq: 17 Nov 2020 10:53

Tgt Ion: 63 Resp: 4173
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



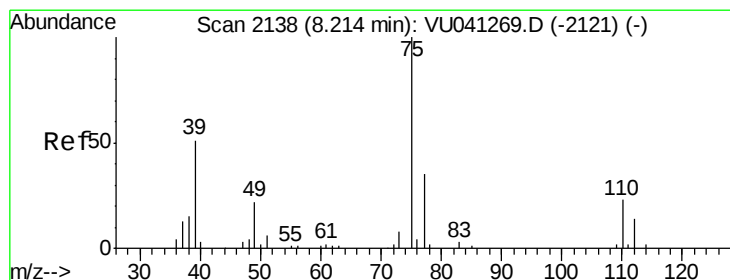
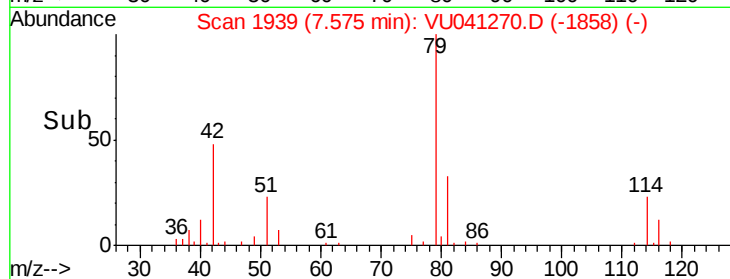
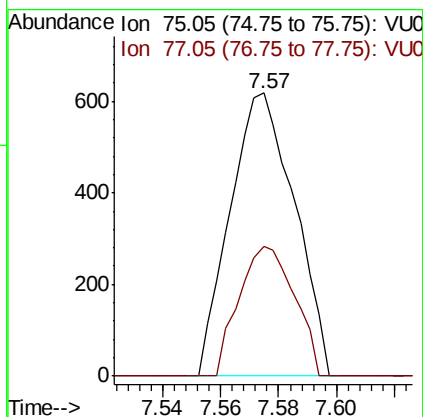
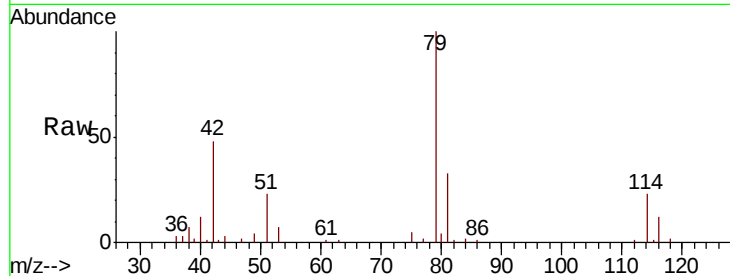


#39

cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041270.D
Acq: 17 Nov 2020 10:53

Instrument :
MSVOA_U
ClientSampleId :
VBLK23

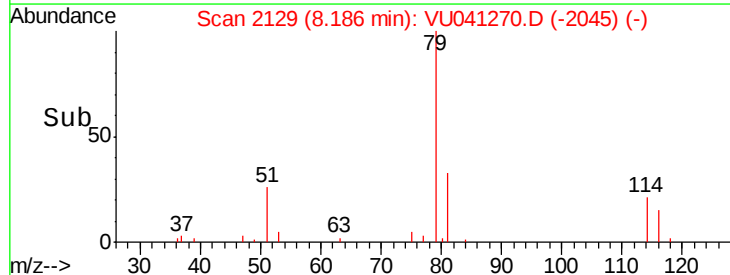
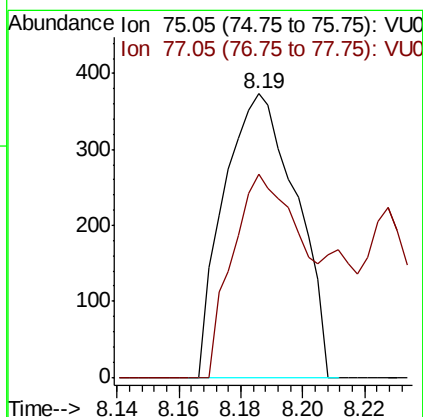
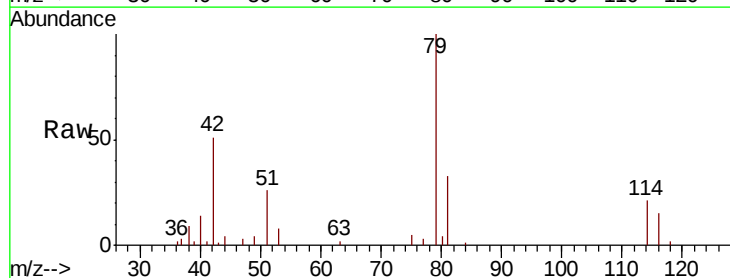
Tot Ion: 75 Resp: 951
Ion Ratio Lower Upper
75 100
77 45.8 22.7 42.3#

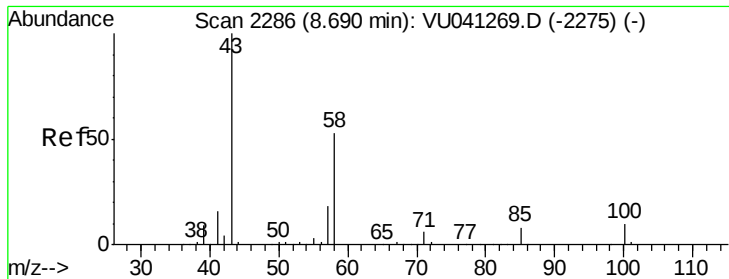


#44

trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041270.D
Acq: 17 Nov 2020 10:53

Tgt Ion: 75 Resp: 606
Ion Ratio Lower Upper
75 100
77 71.6 23.3 43.3#

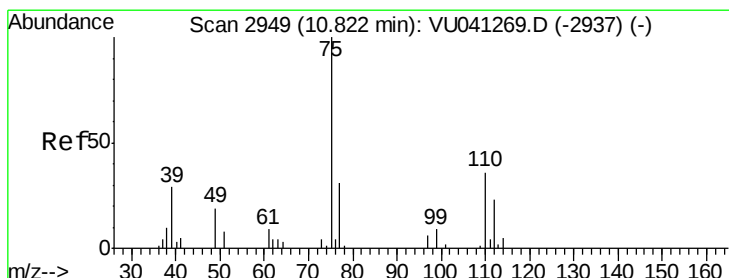
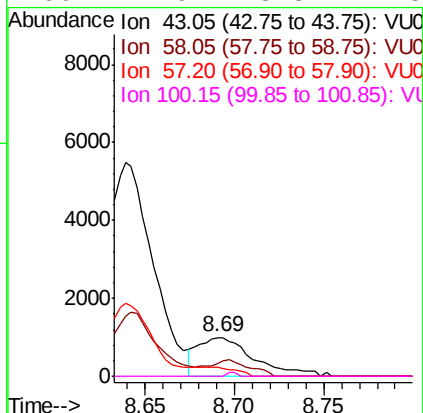
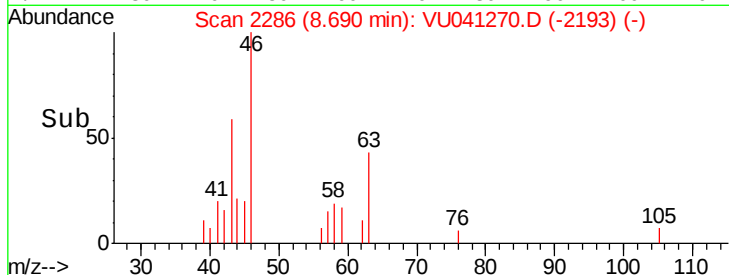
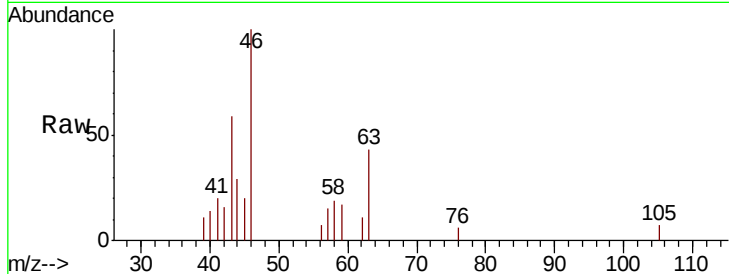




#48
2-Hexanone
Concen: 0.605 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU041270.D
Acq: 17 Nov 2020 10:53

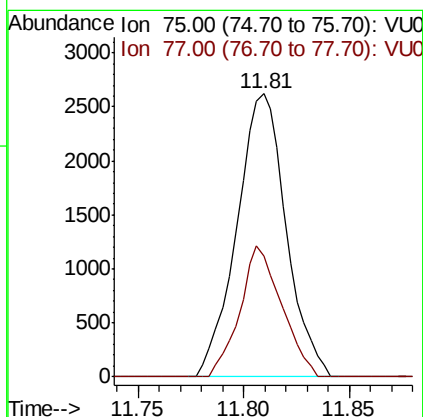
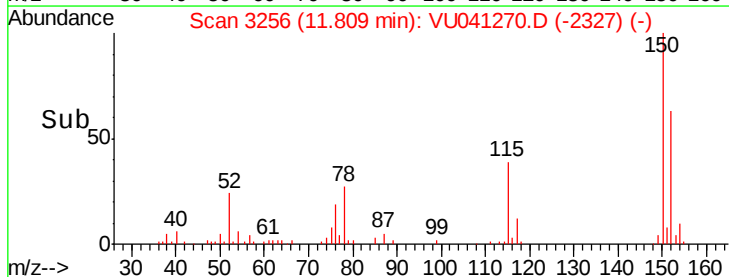
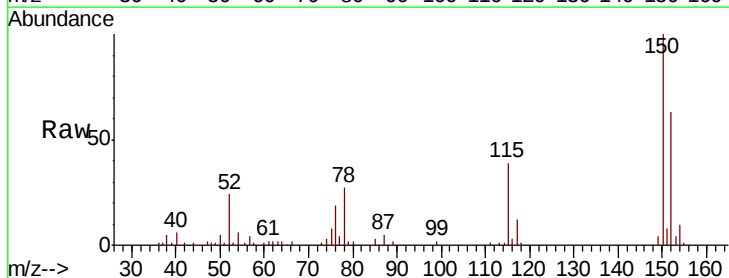
Instrument :
MSVOA_U
ClientSampleId :
VBLK23

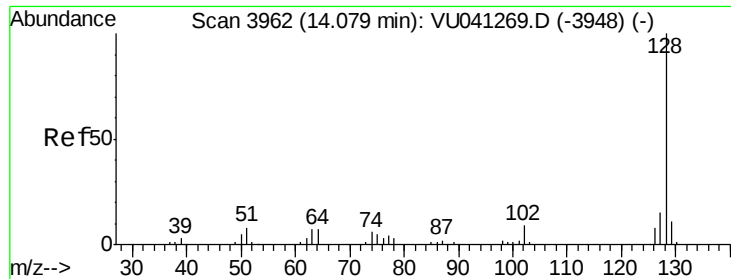
Tot Ion: 43 Resp: 2189
Ion Ratio Lower Upper
43 100
58 30.8 41.4 62.2#
57 0.0 14.6 21.8#
100 1.9 8.3 12.5#



#59
1,2,3-Trichloropropane
Concen: 0.924 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041270.D
Acq: 17 Nov 2020 10:53

Tgt Ion: 75 Resp: 4263
Ion Ratio Lower Upper
75 100
77 39.1 25.7 38.5#





#69

Naphthalene

Concen: 0.048 ug/L

RT: 14.09 min Scan# 3964

Delta R.T. 0.01 min

Lab File: VU041270.D

Acq: 17 Nov 2020 10:53

Instrument :

MSVOA_U

ClientSampleId :

VBLK23

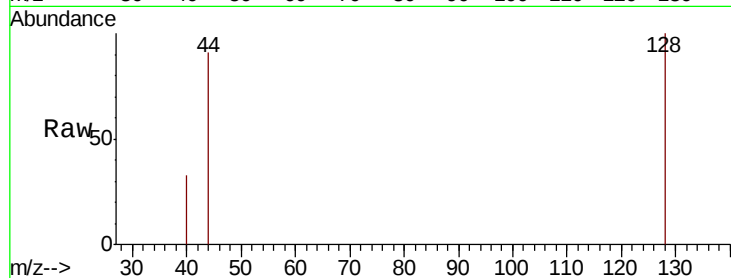
Tot Ion:128 Resp: 444

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

