

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041294.D
 Acq On : 17 Nov 2020 22:39
 Operator : SY/MD
 Sample : L4740-03DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB110DL

Quant Time: Nov 18 00:08:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 18 00:06:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64151	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65095	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22949	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.92	69	20547	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	38750	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.67	46	94530	48.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.18%
24) Chloroform-d	5.08	84	49457	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	31315	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.74	84	87750	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.70	67	32274	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.91	98	71716	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	12310	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.64	63	63832	45.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.82%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	28666	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	28540	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

				Ovalue
3) Chloromethane	1.53	50	410	0.072 ug/L # 43
5) Vinyl chloride	1.61	62	352	0.063 ug/L # 1
8) Chloroethane	1.94	64	179	0.048 ug/L # 43
12) 1,1-Dichloroethene	2.58	96	326	0.078 ug/L # 1
16) Methylene chloride	3.06	84	2775	0.530 ug/L 96
18) trans-1,2-Dichloroethene	3.36	96	297	0.073 ug/L 82
19) 1,1-Dichloroethane	3.90	63	462	0.051 ug/L # 51
22) cis-1,2-Dichloroethene	4.68	96	19058	4.149 ug/L 96
25) Chloroform	5.10	83	888	0.090 ug/L 83
27) 1,2-Dichloroethane	5.74	62	461	0.065 ug/L # 74
34) Trichloroethene	6.55	95	11346	2.380 ug/L 96
35) Methylcyclohexane	6.70	83	7347	1.160 ug/L # 13
37) 1,2-Dichloropropane	6.70	63	3711	0.720 ug/L # 86
39) cis-1,3-Dichloropropene	7.57	75	888	0.123 ug/L 95
44) trans-1,3-Dichloropropene	8.18	75	562	0.083 ug/L 87
48) 2-Hexanone	8.64	43	10140	3.183 ug/L # 68
59) 1,2,3-Trichloropropane	11.81	75	3751	0.922 ug/L 91

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration

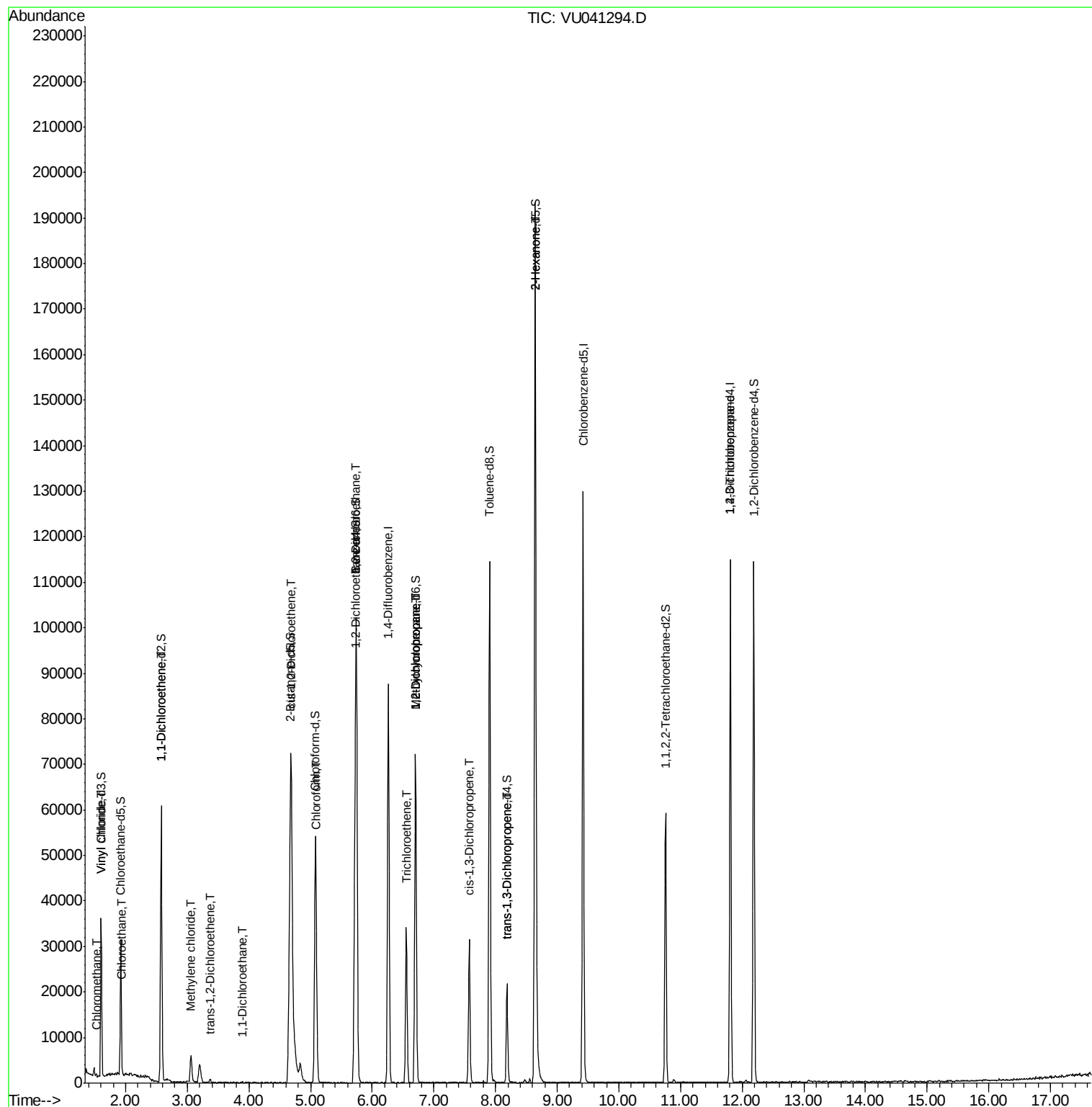
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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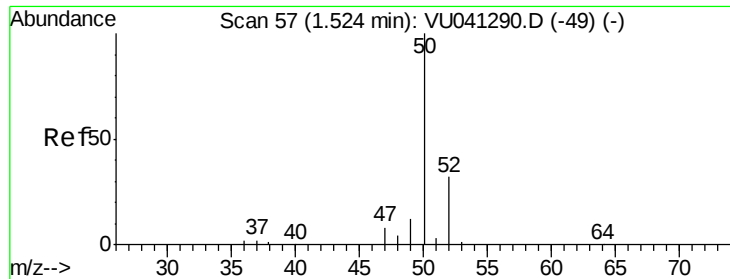
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU11720\
Data File : VU041294.D
Acq On : 17 Nov 2020 22:39
Operator : SY/MD
Sample : L4740-03DL 10X
Misc : 25.0mL/MSVOA U/WATER
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Quant Time: Nov 18 00:08:30 2020
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.072 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041294.D

Acq: 17 Nov 2020 22:39

Instrument :

MSVOA_U

ClientSampleId :

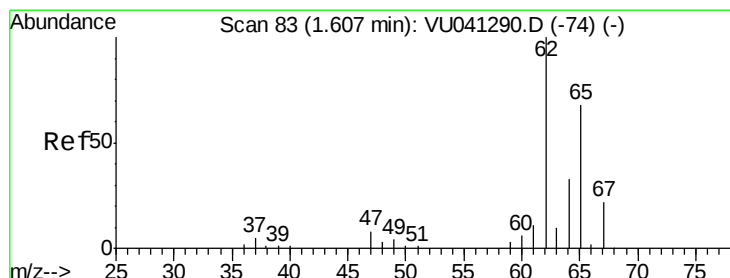
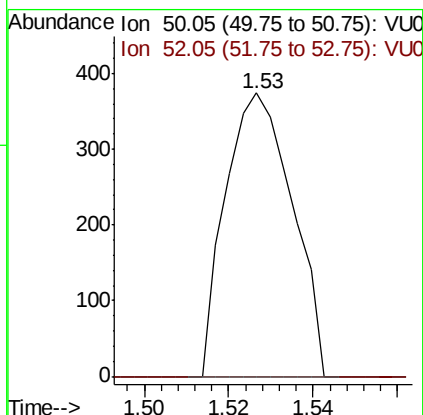
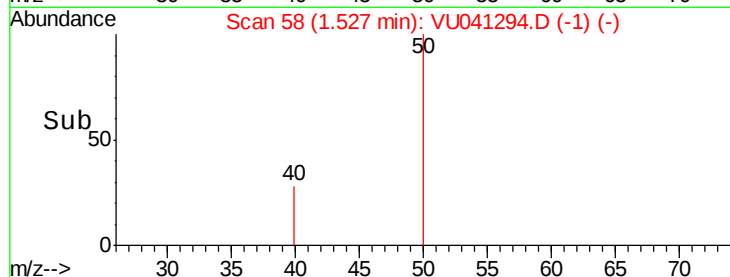
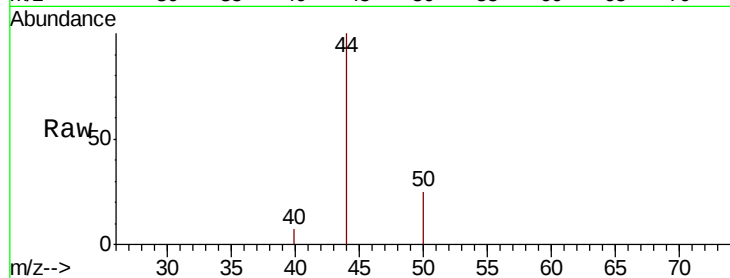
GB110DL

Tot Ion: 50 Resp: 410

Ion Ratio Lower Upper

50 100

52 0.0 22.4 41.6#



#5

Vinyl chloride

Concen: 0.063 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041294.D

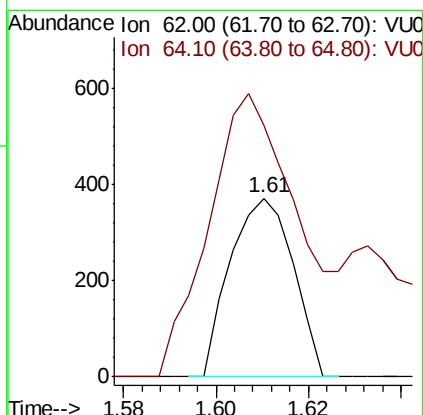
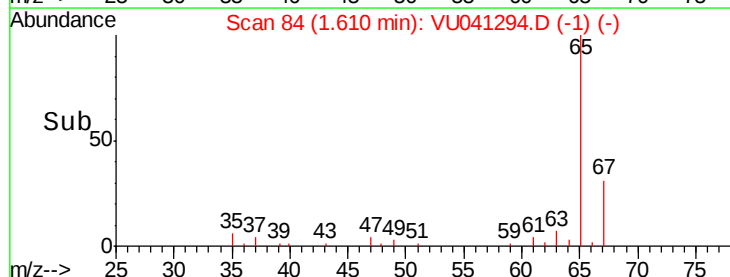
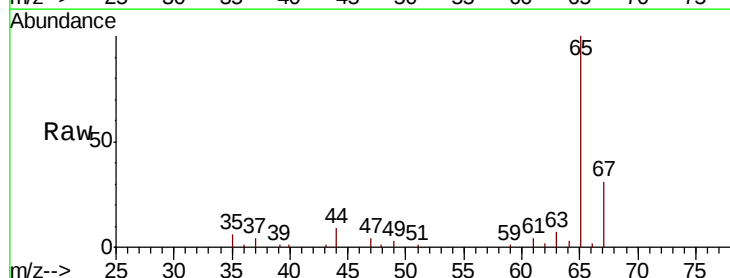
Acq: 17 Nov 2020 22:39

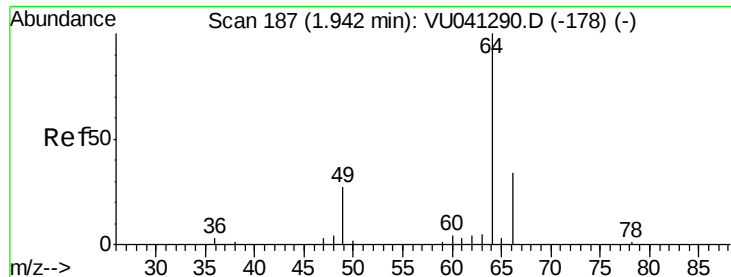
Tgt Ion: 62 Resp: 352

Ion Ratio Lower Upper

62 100

64 140.7 22.7 42.3#

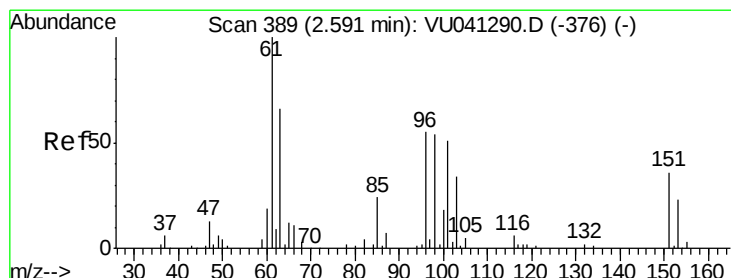
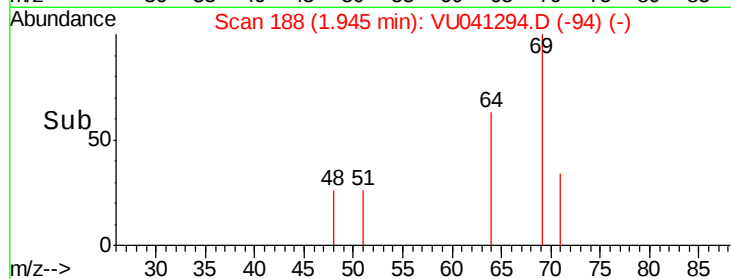
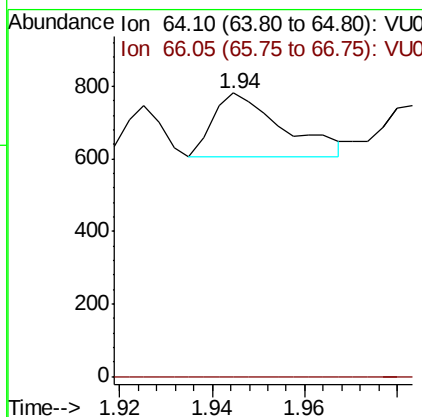
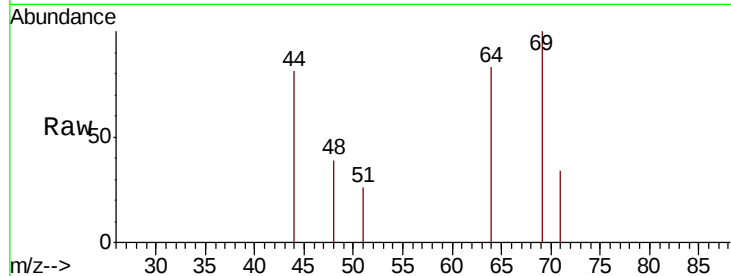




#8
Chloroethane
Concen: 0.048 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU041294.D
Acq: 17 Nov 2020 22:39

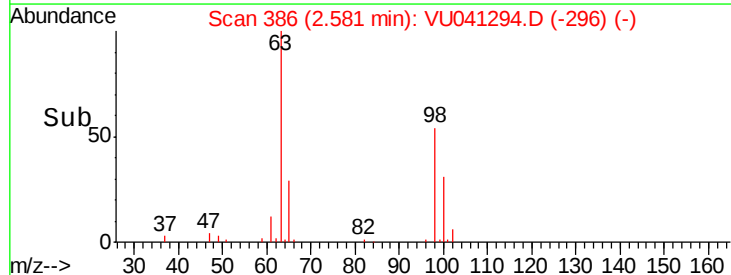
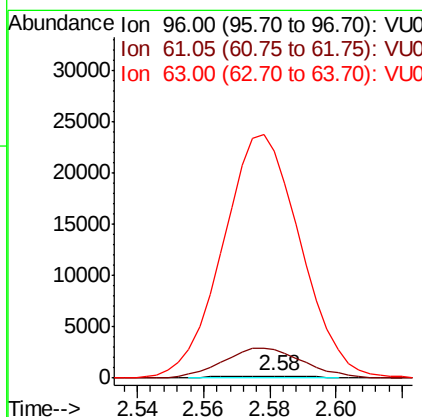
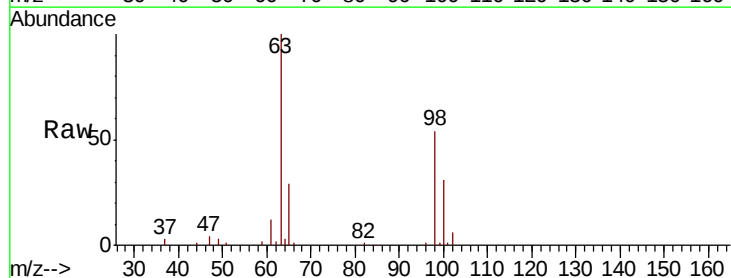
Instrument :
MSVOA_U
ClientSampleId :
GB110DL

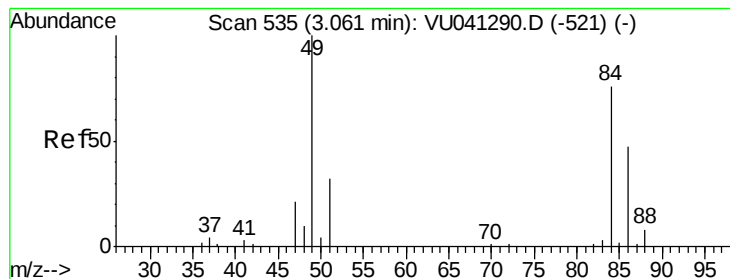
Tot Ion: 64 Resp: 179
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU041294.D
Acq: 17 Nov 2020 22:39

Tgt Ion: 96 Resp: 326
Ion Ratio Lower Upper
96 100
61 1345.6 134.3 249.5#
63 10843.1 95.0 176.4#





#16

Methylene chloride

Concen: 0.530 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041294.D

Acq: 17 Nov 2020 22:39

Instrument :

MSVOA_U

ClientSampleId :

GB110DL

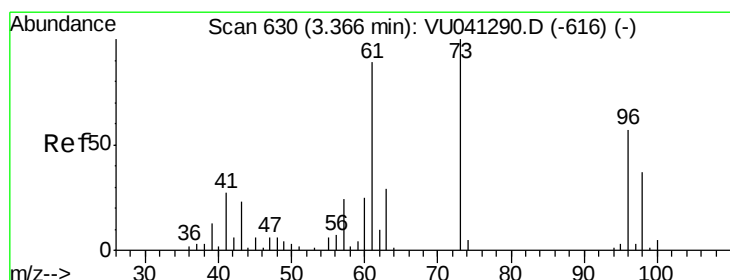
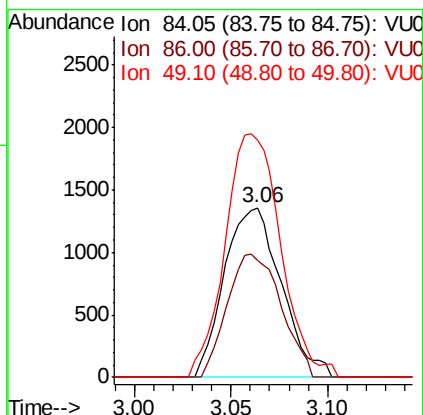
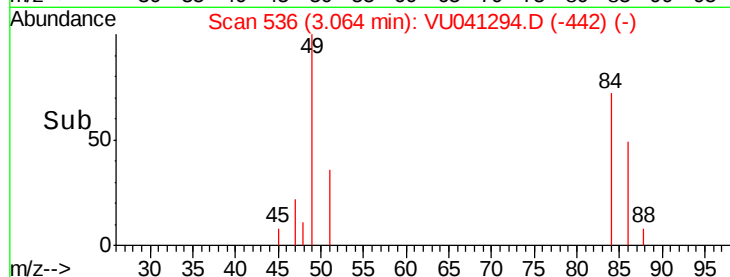
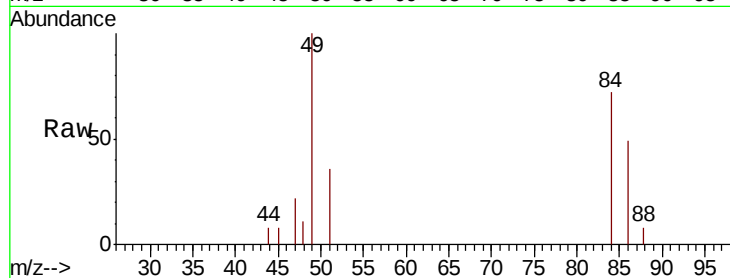
Tot Ion: 84 Resp: 2775

Ion Ratio Lower Upper

84 100

86 68.5 42.8 79.6

49 139.6 99.5 184.7



#18

trans-1,2-Dichloroethene

Concen: 0.073 ug/L

RT: 3.36 min Scan# 629

Delta R.T. -0.00 min

Lab File: VU041294.D

Acq: 17 Nov 2020 22:39

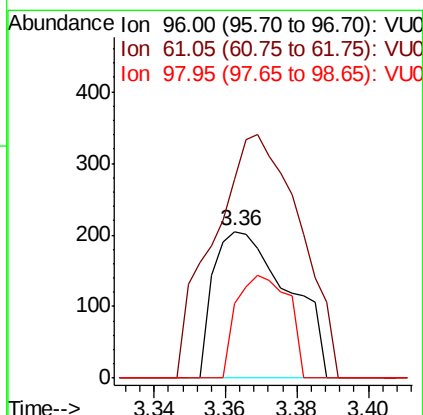
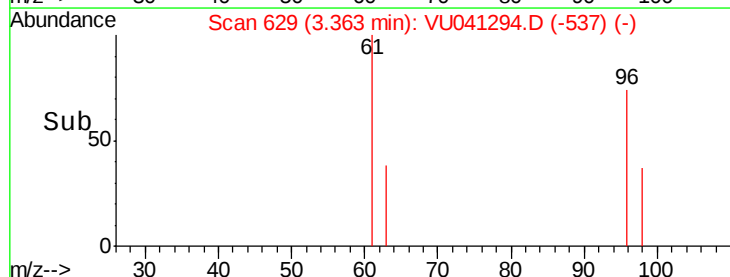
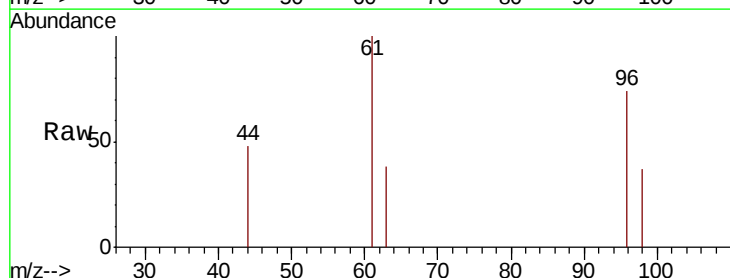
Tgt Ion: 96 Resp: 297

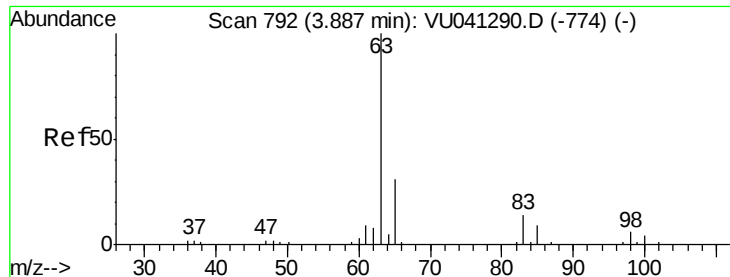
Ion Ratio Lower Upper

96 100

61 135.6 110.9 205.9

98 50.7 45.4 84.2





#19

1,1-Dichloroethane

Concen: 0.051 ug/L

RT: 3.90 min Scan# 795

Delta R.T. 0.01 min

Lab File: VU041294.D

Acq: 17 Nov 2020 22:39

Instrument :

MSVOA_U

ClientSampleId :

GB110DL

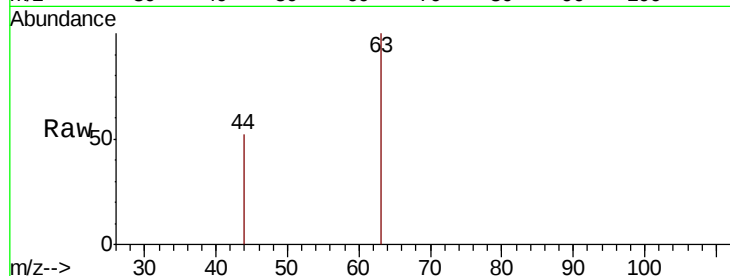
Tot Ion: 63 Resp: 462

Ion Ratio Lower Upper

63 100

65 0.0 21.3 39.6#

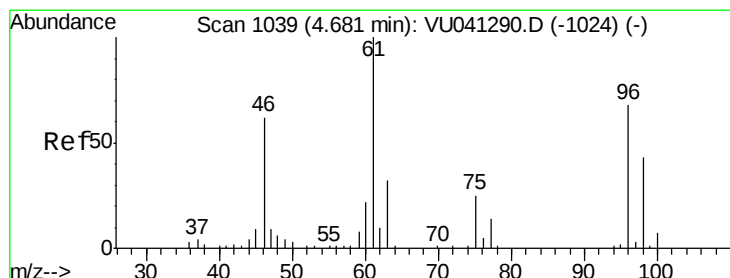
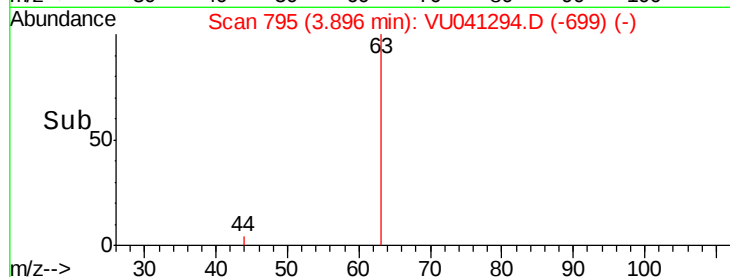
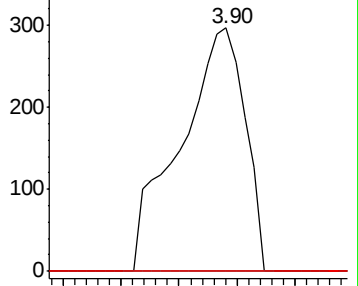
83 0.0 8.8 16.3#



Abundance Ion 63.10 (62.80 to 63.80): VU041294.D (-699) (-)

Ion 65.10 (64.80 to 65.80): VU041294.D (-699) (-)

Ion 83.05 (82.75 to 83.75): VU041294.D (-699) (-)



#22

cis-1,2-Dichloroethene

Concen: 4.149 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041294.D

Acq: 17 Nov 2020 22:39

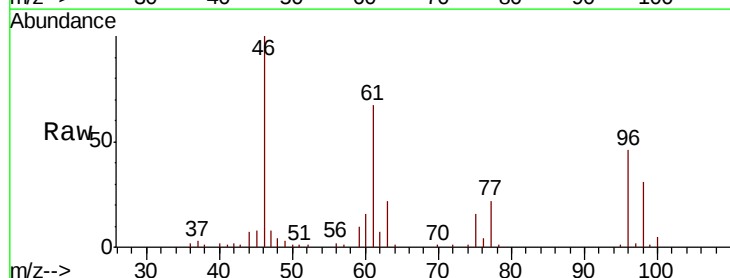
Tgt Ion: 96 Resp: 19058

Ion Ratio Lower Upper

96 100

61 144.2 97.2 180.4

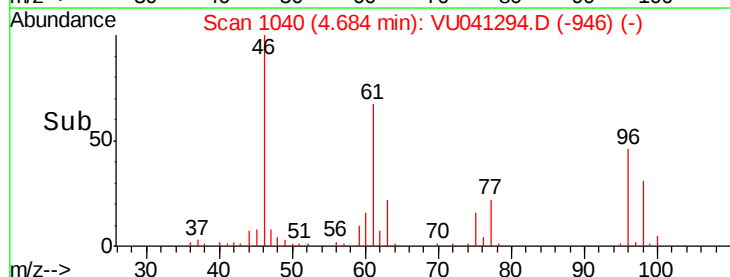
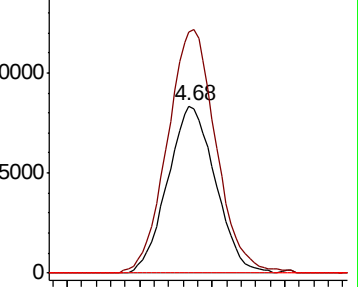
68 0.0 0.0 0.0

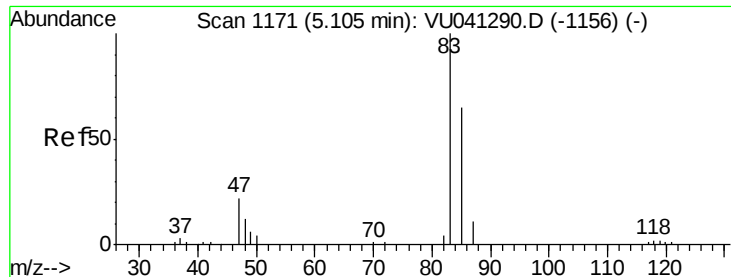


Abundance Ion 96.00 (95.70 to 96.70): VU041294.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU041294.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU041294.D (-946) (-)

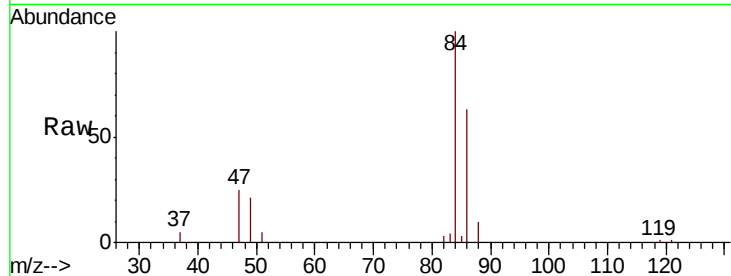




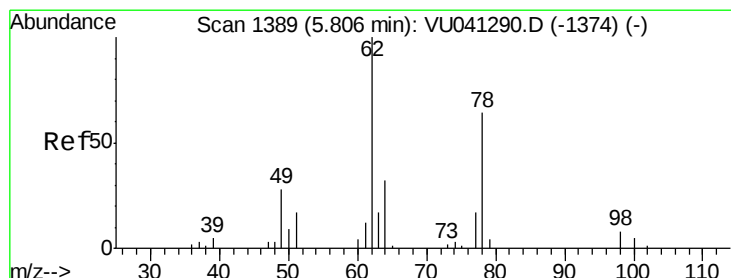
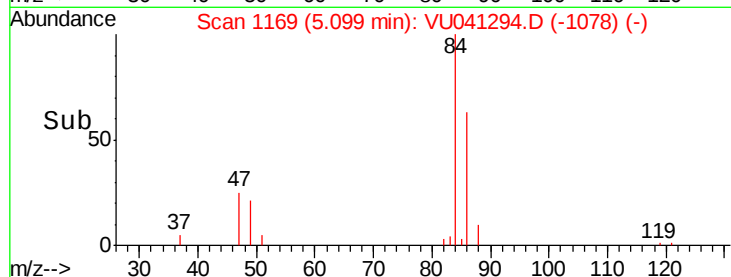
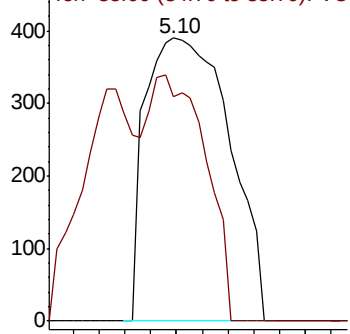
#25
Chloroform
Concen: 0.090 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU041294.D
Acq: 17 Nov 2020 22:39

Instrument :
MSVOA_U
ClientSampleId :
GB110DL

Tot Ion: 83 Resp: 888
Ion Ratio Lower Upper
83 100
85 79.5 46.1 85.7

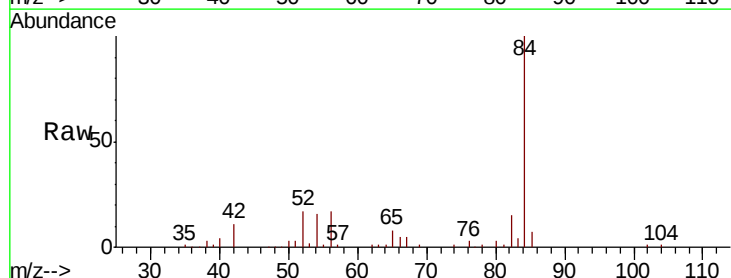


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

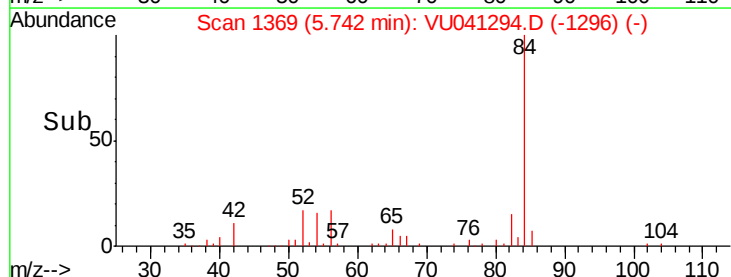
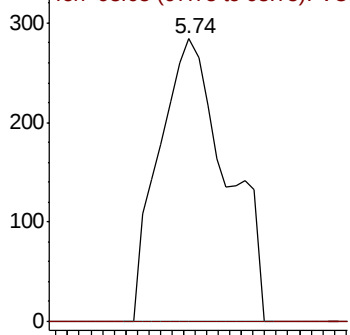


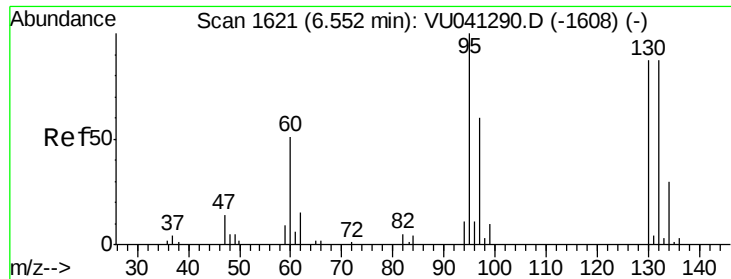
#27
1,2-Dichloroethane
Concen: 0.065 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041294.D
Acq: 17 Nov 2020 22:39

Tgt Ion: 62 Resp: 461
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

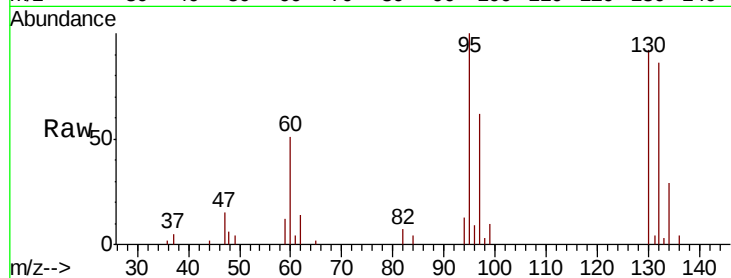




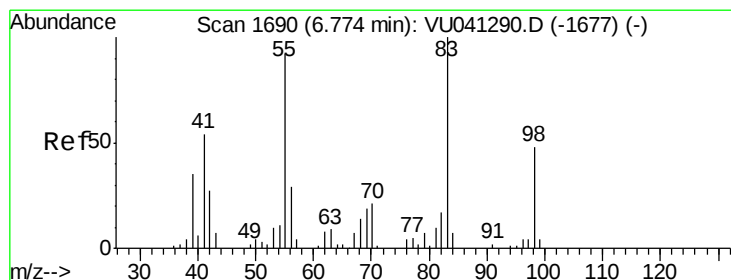
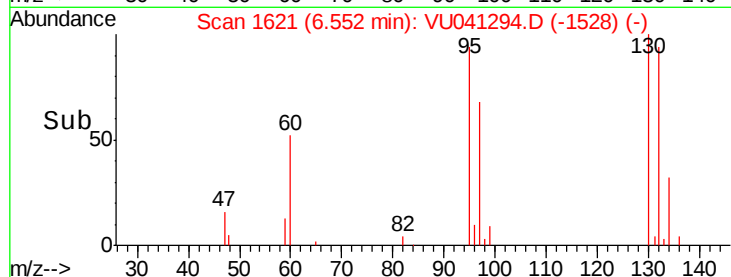
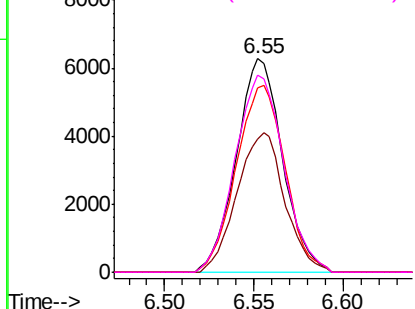
#34
 Trichloroethene
 Concen: 2.380 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041294.D
 Acq: 17 Nov 2020 22:39

Instrument :
 MSVOA_U
 ClientSampleID :
 GB110DL

Tot Ion: 95 Resp: 11346
 Ion Ratio Lower Upper
 95 100
 97 62.3 45.6 84.6
 132 86.2 64.8 120.4
 130 92.2 64.8 120.4

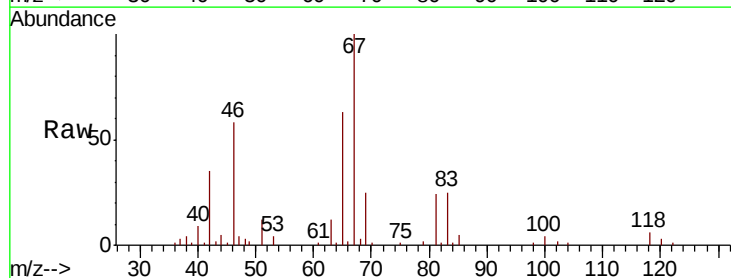


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

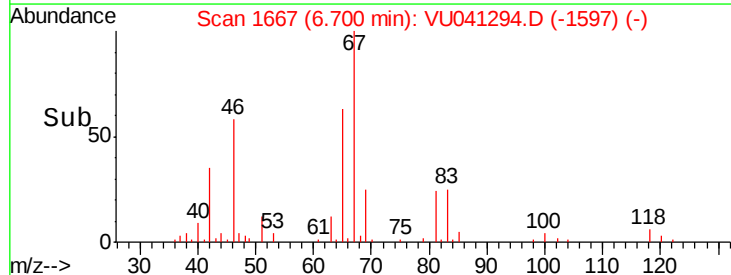
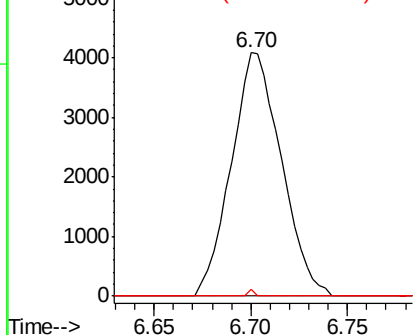


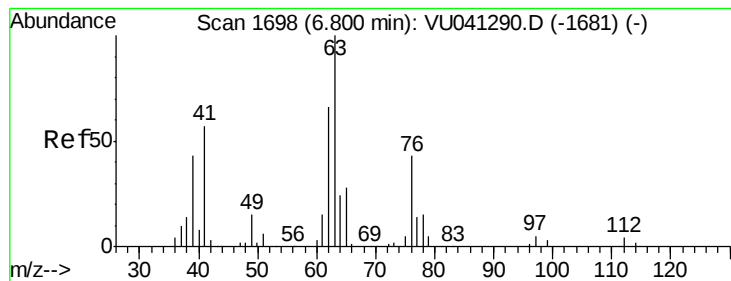
#35
 Methylcyclohexane
 Concen: 1.160 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041294.D
 Acq: 17 Nov 2020 22:39

Tgt Ion: 83 Resp: 7347
 Ion Ratio Lower Upper
 83 100
 55 0.0 72.0 108.0#
 98 0.3 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: 0.720 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041294.D

Acq: 17 Nov 2020 22:39

Instrument :

MSVOA_U

ClientSampleId :

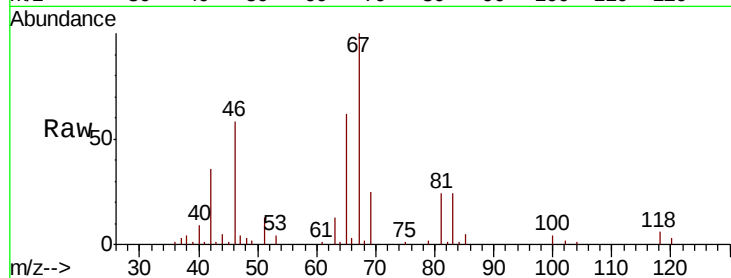
GB110DL

Tot Ion: 63 Resp: 3711

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU041290.D (-1681) (-)

Ion 112.10 (111.80 to 112.80): VU041290.D (-1681) (-)

2500

2000

1500

1000

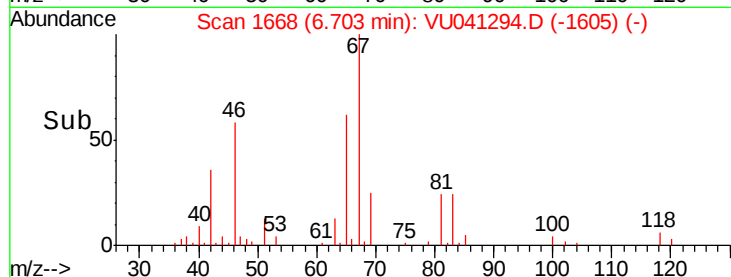
500

0

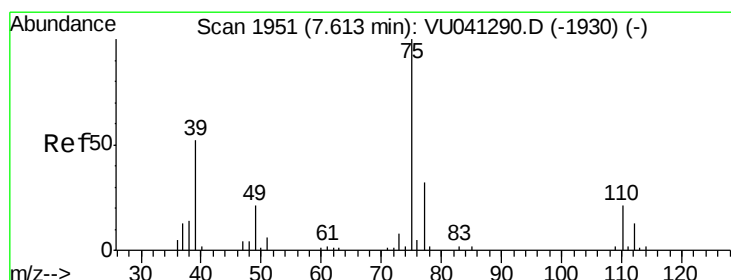
6.65

6.70

6.75



Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU041294.D

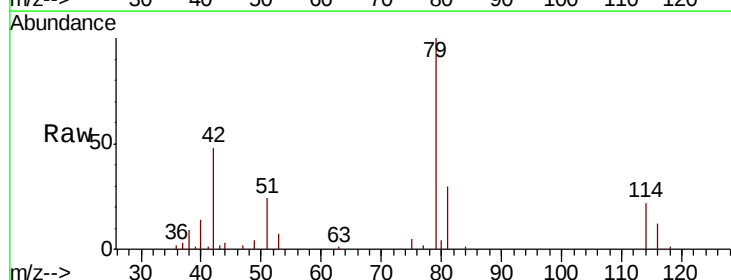
Acq: 17 Nov 2020 22:39

Tgt Ion: 75 Resp: 888

Ion Ratio Lower Upper

75 100

77 35.2 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VU041290.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU041290.D (-1930) (-)

600

500

400

300

200

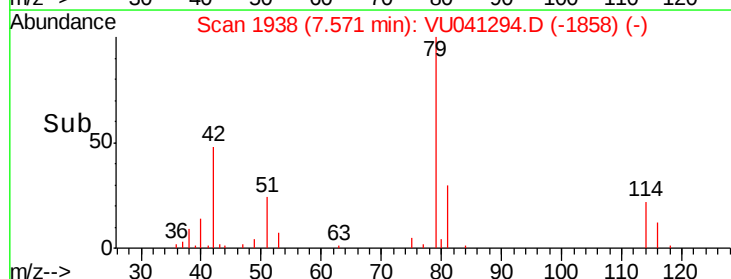
100

0

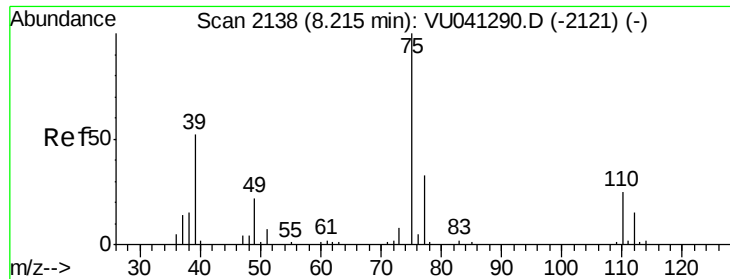
7.55

7.57

7.60



Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041294.D

Acq: 17 Nov 2020 22:39

Instrument :

MSVOA_U

ClientSampleId :

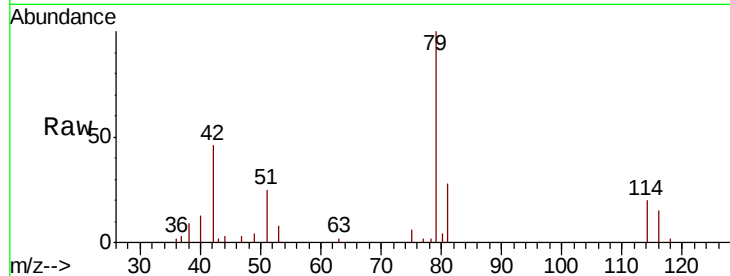
GB110DL

Tot Ion: 75 Resp: 562

Ion Ratio Lower Upper

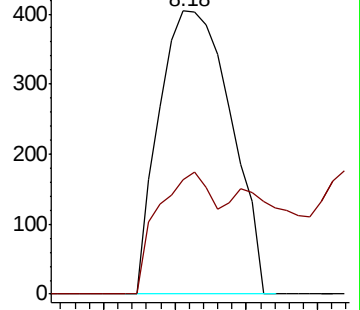
75 100

77 40.6 23.3 43.3

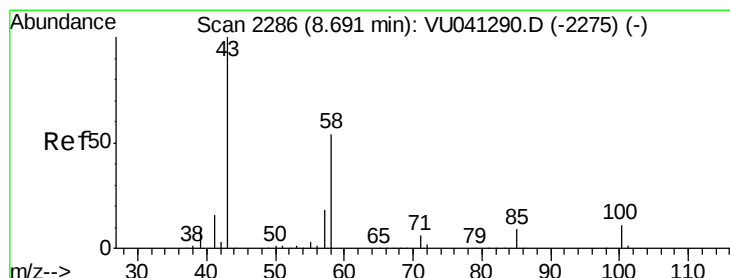
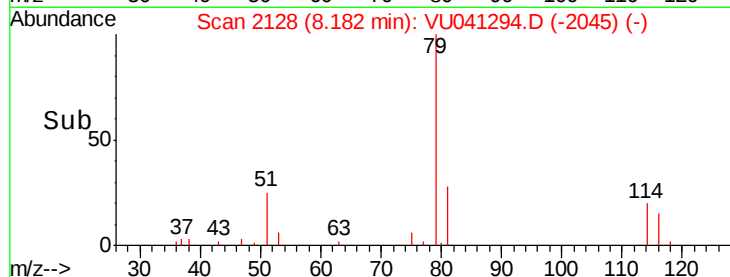


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time-->



#48

2-Hexanone

Concen: 3.183 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU041294.D

Acq: 17 Nov 2020 22:39

Tgt Ion: 43 Resp: 10140

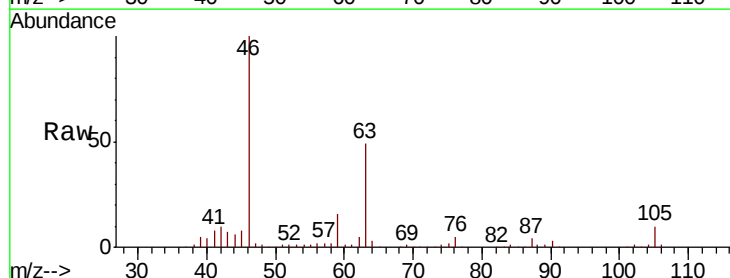
Ion Ratio Lower Upper

43 100

58 26.6 41.4 62.2#

57 29.3 14.6 21.8#

100 0.0 8.3 12.5#

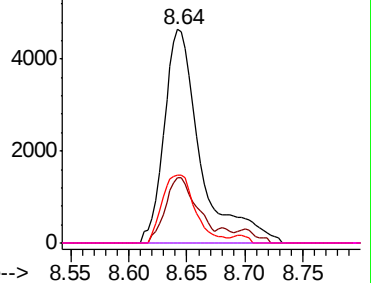


Abundance Ion 43.05 (42.75 to 43.75): VU0

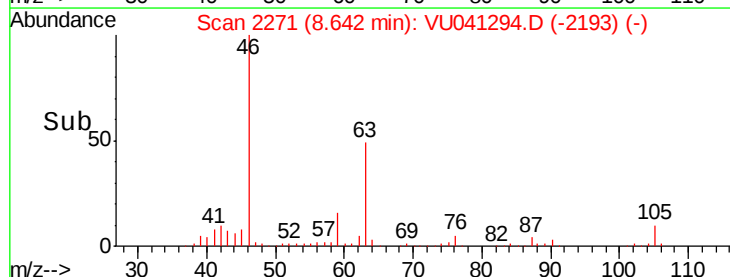
Ion 58.05 (57.75 to 58.75): VU0

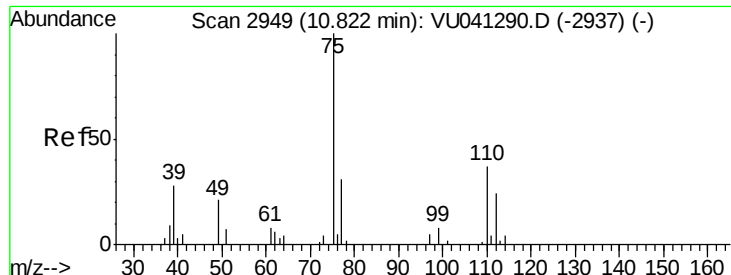
Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



Time-->





#59

1,2,3-Trichloropropane

Concen: 0.922 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041294.D

Acq: 17 Nov 2020 22:39

Instrument :

MSVOA_U

ClientSampleId :

GB110DL

Tot Ion: 75 Resp: 3751

Ion Ratio Lower Upper

75 100

77 37.1 25.7 38.5

