

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041170.D
 Acq On : 10 Nov 2020 12:04
 Operator : SY/MD
 Sample : L4646-11DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T5DL

Quant Time: Nov 11 00:51:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58117	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26830	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14084	2.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.60%
7) Chloroethane-d5	1.92	69	13461	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.80%
11) 1,1-Dichloroethene-d2	2.58	63	23028	2.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.00%#
20) 2-Butanone-d5	4.65	46	80715	50.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.40%
24) Chloroform-d	5.08	84	37919	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.72	65	25014	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.74	84	63709	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	6.70	67	22828	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.91	98	52067	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	8.19	79	9238	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.64	63	56500	46.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22406	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	23078	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

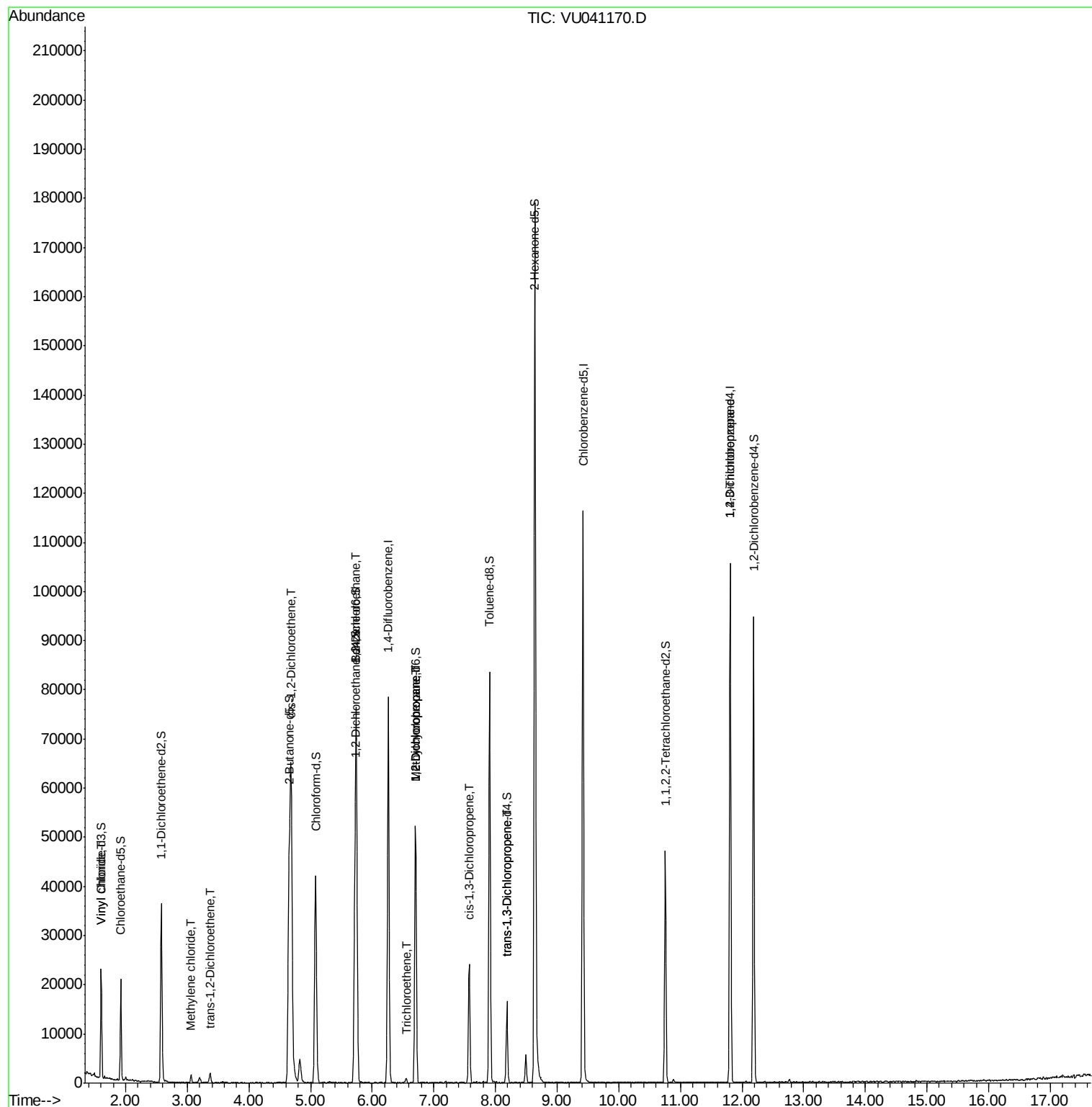
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	1236	0.226	ug/L	99
16) Methylene chloride	3.06	84	559	0.117	ug/L	78
18) trans-1,2-Dichloroethene	3.38	96	836	0.200	ug/L #	78
22) cis-1,2-Dichloroethene	4.68	96	22708	5.277	ug/L	96
27) 1,2-Dichloroethane	5.75	62	401	0.064	ug/L #	74
34) Trichloroethene	6.55	95	341	0.075	ug/L #	62
35) Methylcyclohexane	6.71	83	5154	0.765	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	2781	0.579	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	776	0.117	ug/L	91
44) trans-1,3-Dichloropropene	8.19	75	444	0.072	ug/L #	82
59) 1,2,3-Trichloropropane	11.81	75	3690	1.031	ug/L	95

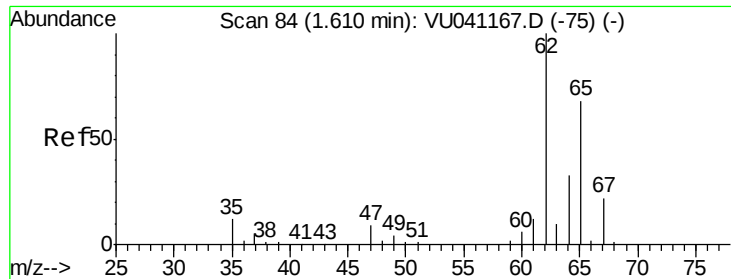
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
Data File : VU041170.D
Acq On : 10 Nov 2020 12:04
Operator : SY/MD
Sample : L4646-11DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB0T5DL

Quant Time: Nov 11 00:51:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.226 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041170.D

Acq: 10 Nov 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

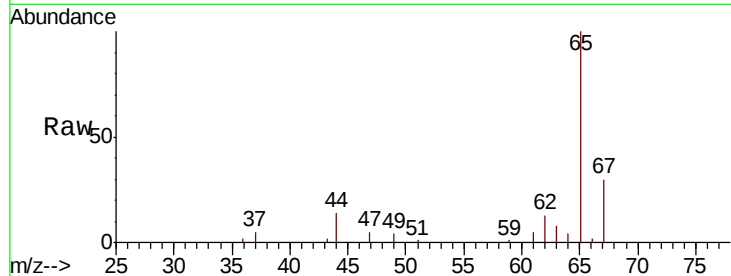
GB0T5DL

Tot Ion: 62 Resp: 1236

Ion Ratio Lower Upper

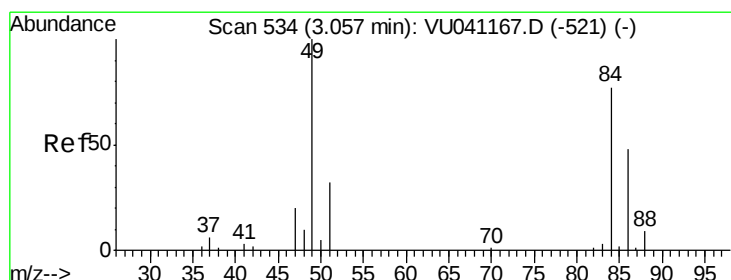
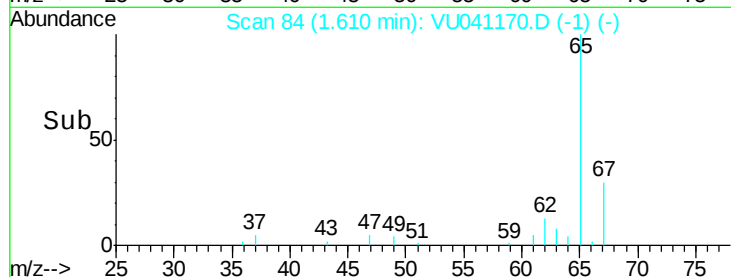
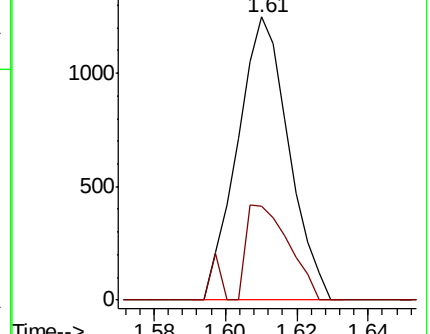
62 100

64 33.2 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 0.117 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041170.D

Acq: 10 Nov 2020 12:04

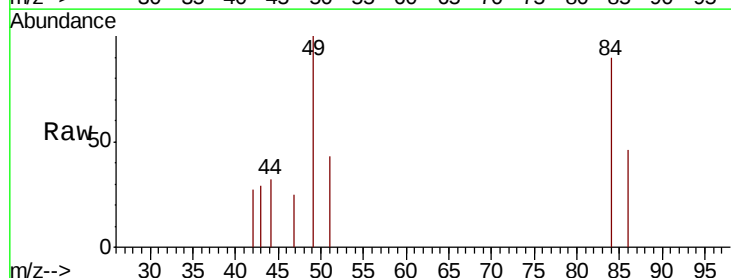
Tgt Ion: 84 Resp: 559

Ion Ratio Lower Upper

84 100

86 51.2 42.8 79.6

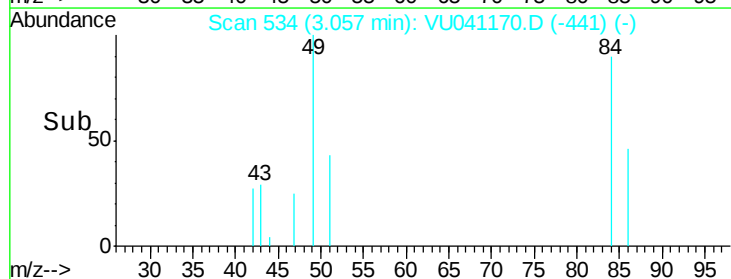
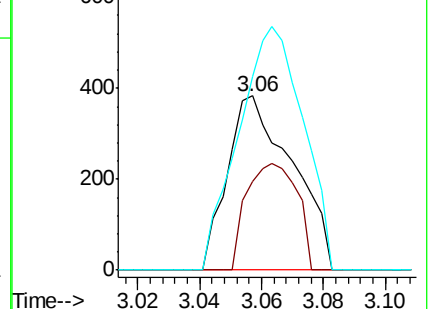
49 111.0 99.5 184.7

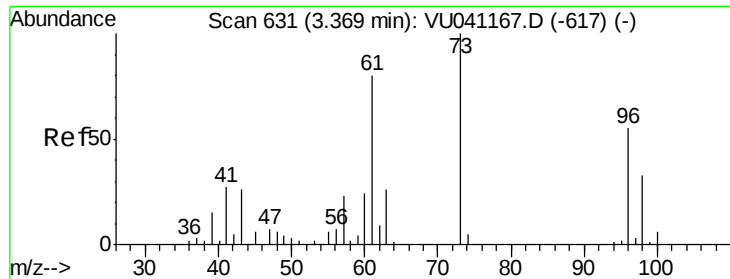


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

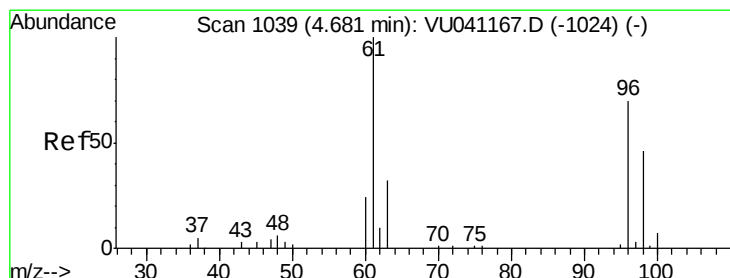
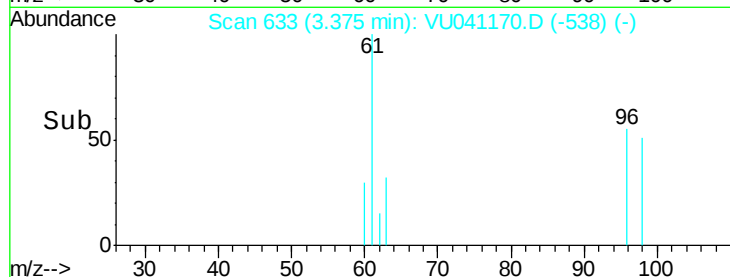
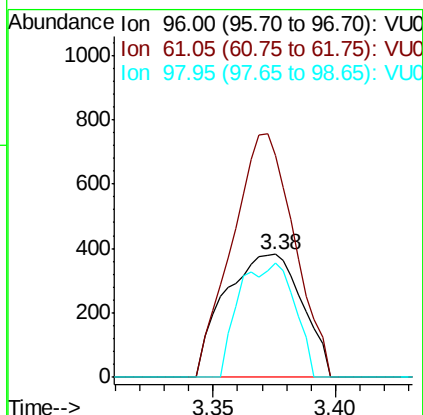
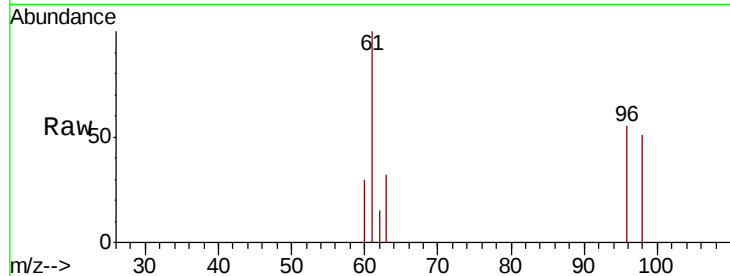




#18
 trans-1,2-Dichloroethene
 Concen: 0.200 ug/L
 RT: 3.38 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: VU041170.D
 Acq: 10 Nov 2020 12:04

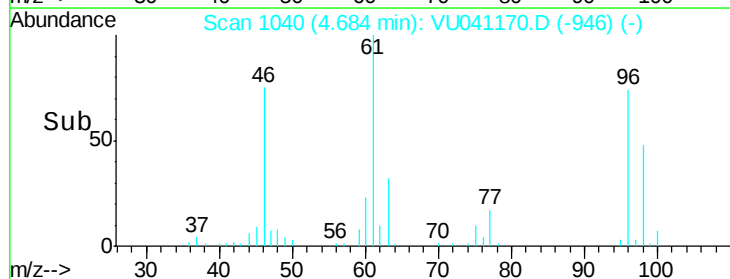
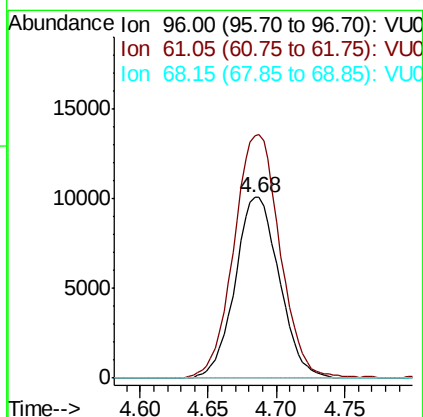
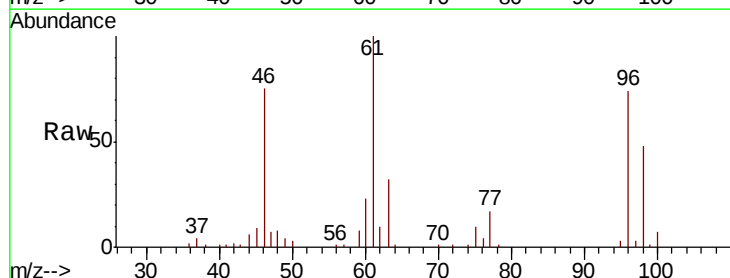
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T5DL

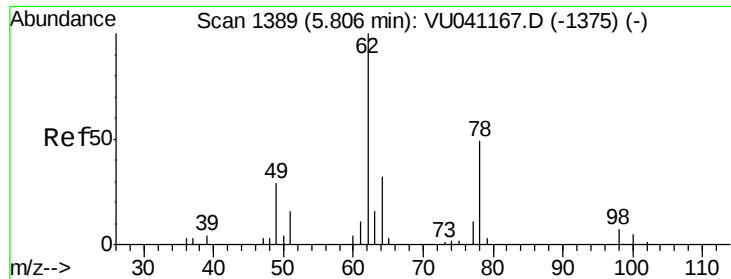
Tot Ion: 96 Resp: 836
 Ion Ratio Lower Upper
 96 100
 61 180.6 110.9 205.9
 98 92.9 45.4 84.2#



#22
 cis-1,2-Dichloroethene
 Concen: 5.277 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041170.D
 Acq: 10 Nov 2020 12:04

Tgt Ion: 96 Resp: 22708
 Ion Ratio Lower Upper
 96 100
 61 134.3 97.2 180.4
 68 0.0 0.0 0.0

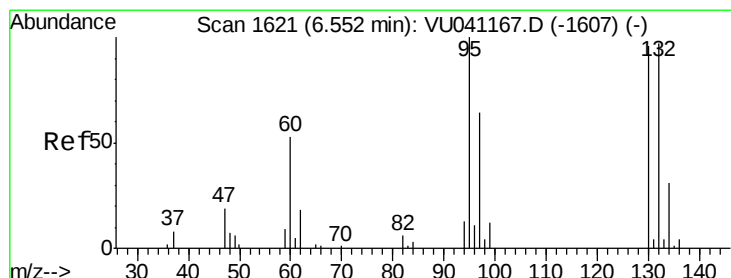
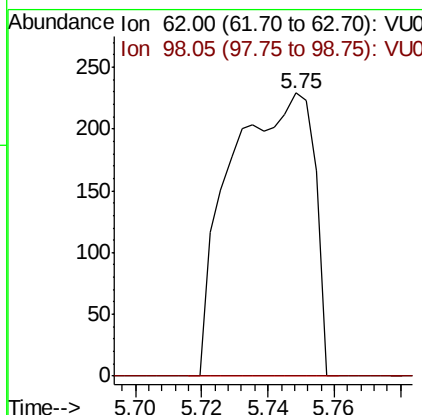
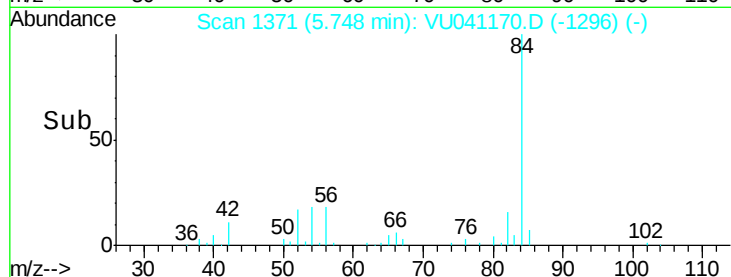
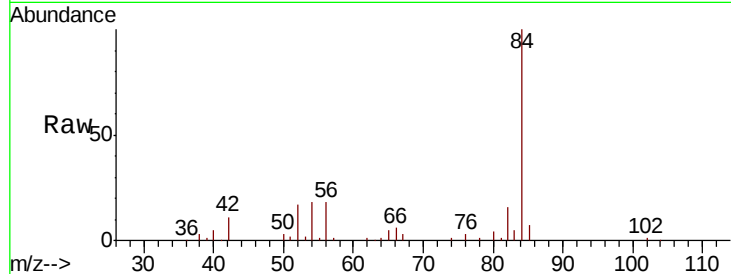




#27
 1,2-Dichloroethane
 Concen: 0.064 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU041170.D
 Acq: 10 Nov 2020 12:04

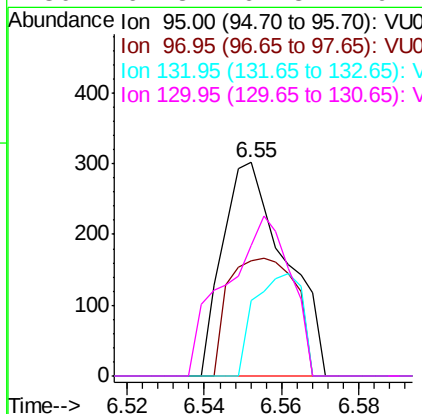
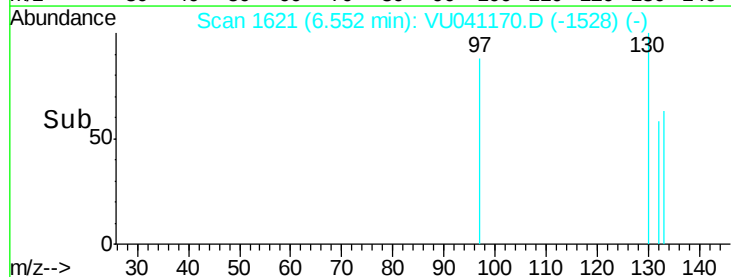
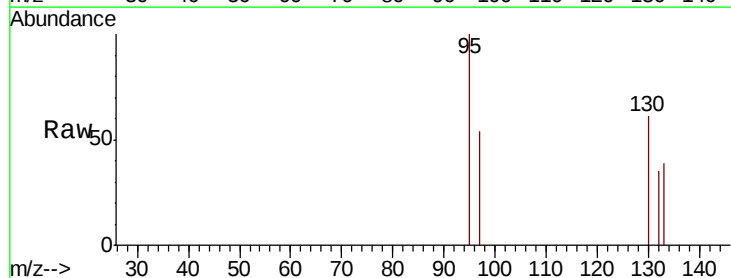
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T5DL

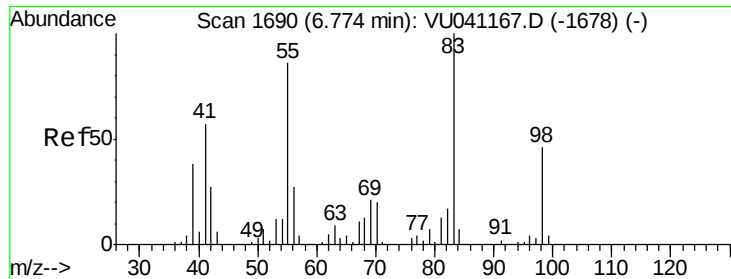
Tot Ion: 62 Resp: 401
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#34
 Trichloroethene
 Concen: 0.075 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041170.D
 Acq: 10 Nov 2020 12:04

Tgt Ion: 95 Resp: 341
 Ion Ratio Lower Upper
 95 100
 97 54.0 45.6 84.6
 132 35.4 64.8 120.4#
 130 61.3 64.8 120.4#

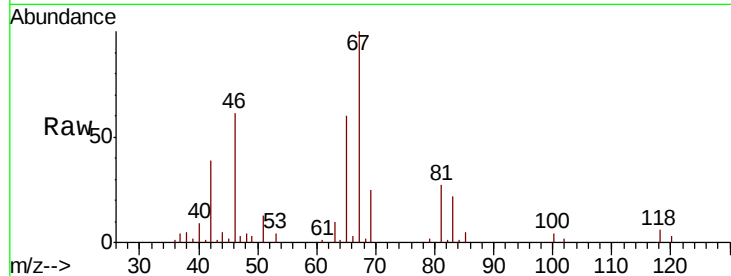




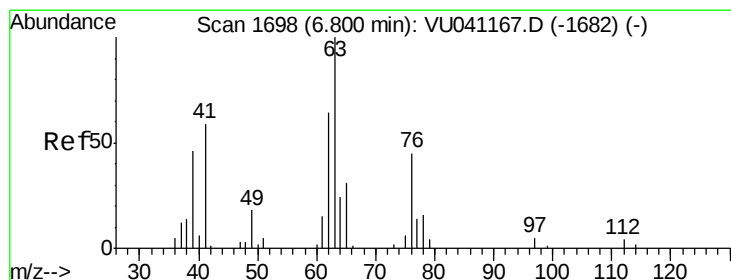
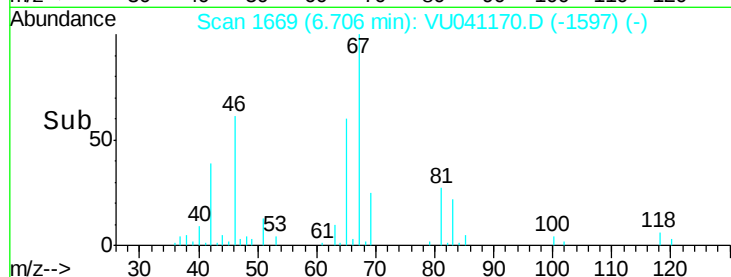
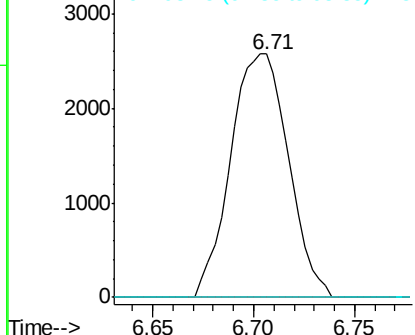
#35
Methvlcvclohexane
Concen: 0.765 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU041170.D
Acq: 10 Nov 2020 12:04

Instrument :
MSVOA_U
ClientSampleId :
GB0T5DL

Tot Ion: 83 Resp: 5154
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.8 36.6 55.0#

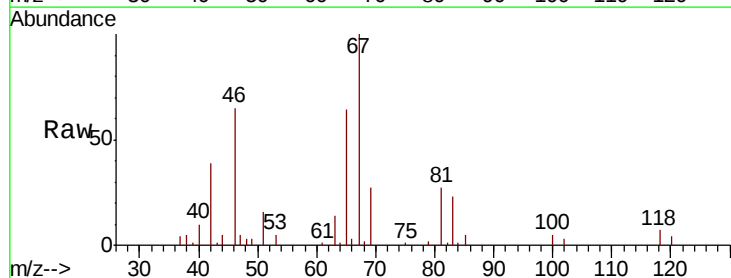


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

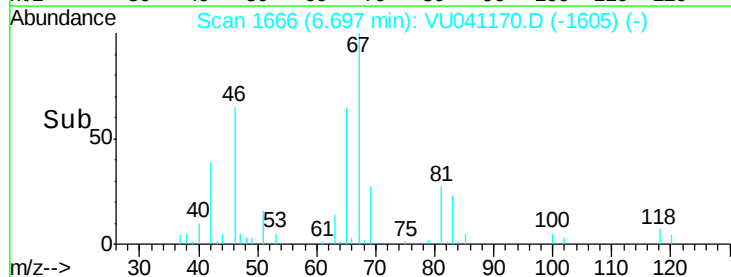
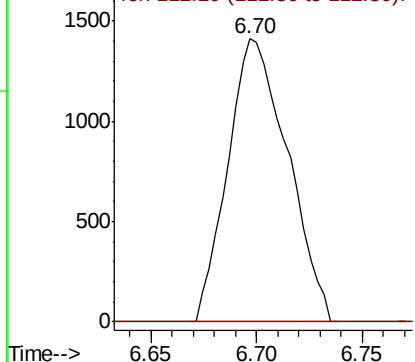


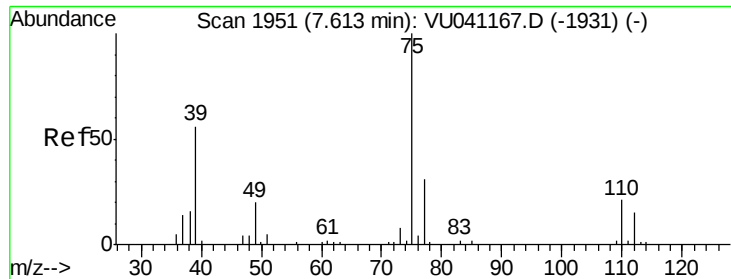
#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.10 min
Lab File: VU041170.D
Acq: 10 Nov 2020 12:04

Tgt Ion: 63 Resp: 2781
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

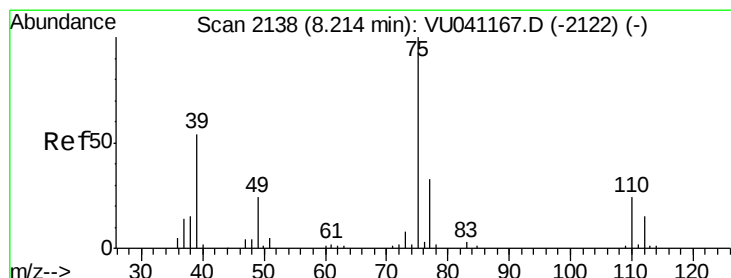
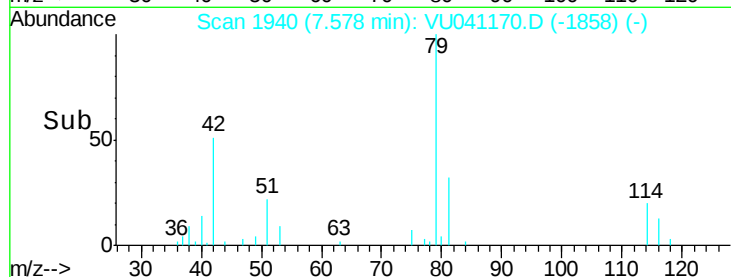
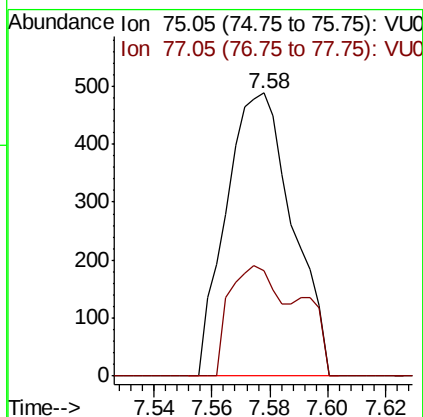
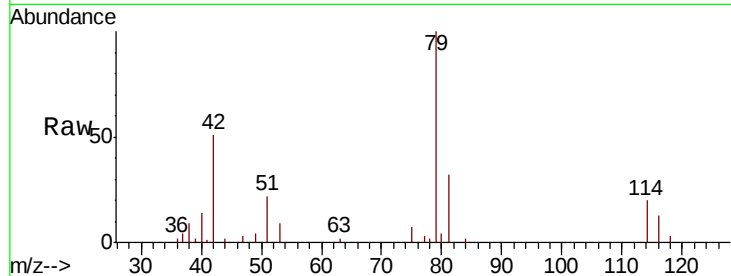




#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041170.D
 Acq: 10 Nov 2020 12:04

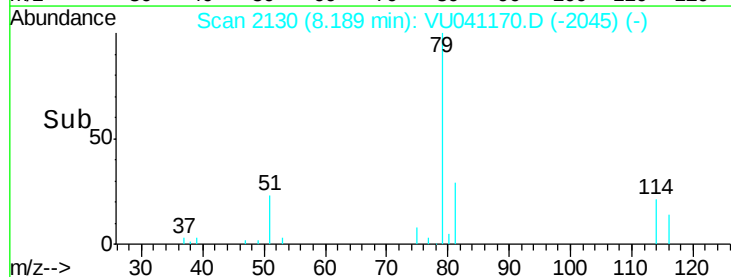
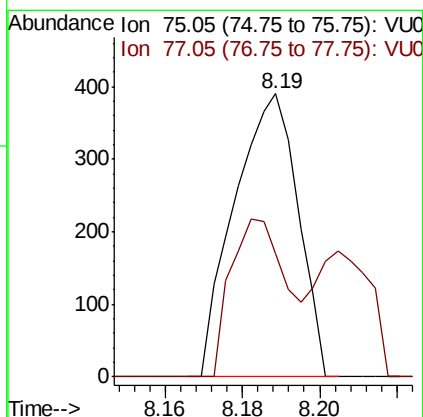
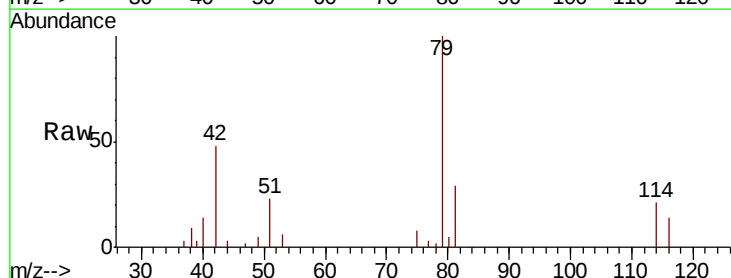
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T5DL

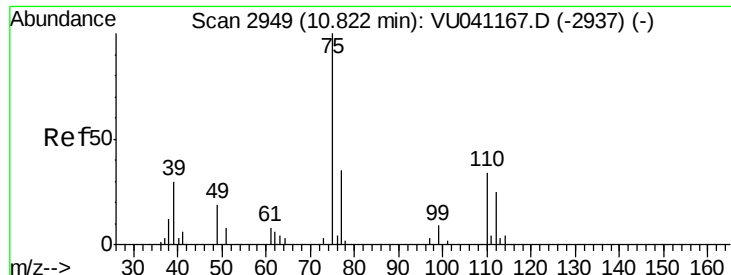
Tot Ion: 75 Resp: 776
 Ion Ratio Lower Upper
 75 100
 77 37.3 22.7 42.3



#44
 trans-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU041170.D
 Acq: 10 Nov 2020 12:04

Tgt Ion: 75 Resp: 444
 Ion Ratio Lower Upper
 75 100
 77 43.3 23.3 43.3#





#59

1,2,3-Trichloropropane

Concen: 1.031 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041170.D

Acq: 10 Nov 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

GB0T5DL

Tot Ion: 75 Resp: 3690

Ion Ratio Lower Upper

75 100

77 34.8 25.7 38.5

